G7
FRANCE
BIARRITZ 2019

ARTICLES 35A AND 370

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3500+
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13500+
Selected in FCI/LIC & State Jobs

INSIDE STORY

IMPORTANT RATES (04-09-2019)

Repo Rate	**5.40%**
Reverse Repo Rate	**5.15%**
Marginal Standing Facility Rate	**5.65%**
Statutory Liquidity Ratio	**18.75%**
Cash Reserve Ratio	**4%**
Bank Rate	**5.65%**

IMPORTANT DAYS IN SEPTEMBER

Sept. 05	National Teachers Day
Sept. 08	International Literacy Day
Sept. 14	Hindi Day
Sept. 15	International Day of Democracy
Sept. 16	International Day for the Preservation of the Ozone Layer
Sept. 21	International Day of Peace
Sept. 27	World Tourism Day

IMPORTANT DAYS IN OCTOBER

Oct. 01	International Day of Older Persons
Oct. 05	World Teachers Day
Oct. 09	World Post Day
Oct. 10	World Mental Health Day
Oct. 11	International Day of the Girl Child
Oct. 15	International Day of Rural Women
Oct. 16	World Food Day
Oct. 24	World Polio Day

Success Story

Name: Sukhwinder Pal Singh
Education: Graduation
Examination Name: IBPS
Final Selection: IBPS Clerk (Punjab and Sindh Bank)

IBT: You proved that you have the caliber to achieve whatever you dream of. You must be feeling proud of yourself and self-assured to rise to your next challenge. You've earned every bit of the success that you're enjoying. I wish you many Congratulations.

Sukhwinder: Thank you, sir.

IBT: Would you like to share how you felt when you got to know that you have been selected for the post?

Sukhwinder: I am really very glad, sir. Initially I was little scared like other students if I would be able to qualify any exam. But, finally my efforts and hard work proved to be fruitful and I experienced that being underconfident is fruitless. I succeeded in overcoming my fear and got selection. My dedication and sincerity helped me to crack the exam. I am really feeling overwhelmed.

IBT: What was your on your mind about your future before joining the Institute?

Sukhwinder: Sir, I always wanted to join a government job. It was also the dream of my parents. After completing my studies, I thought of joining the best institute to prepare for my longing. I had taken a few government exams during my graduation; I analysed that I was lacking in one or the other subject. This is the reason I joined IBT Institute which, I think, is the best decision of my life as it is the most prestigious institute in India. The reason I am calling IBT a prestigious Institute is that it provides its students everything which is necessary to qualify the desired exam like Mock Test, Study Notes, Books, Magazines, and most importantly Lifetime Membership Card (LMC).

IBT: What strategy did you follow to achieve your goal?

Sukhwinder: Sir, I was determined to attend all the classes regularly so that I can clear the basics of each and every topic. I focused not only on my favorite subjects but also on the subjects which were not clear to me. In beginning, I used to have many doubts which I would clear in the separate doubt sessions provided by the Institute. After practicing all the topics, I majorly focused on my weak areas and revised the strong chapters.

IBT: What, according to you, is the best strategy while taking any competitive exam?

Sukhwinder: Sir, for any competitive examination, time management is crucial. That's why one ought to allocate appropriate time to each question. One must pay attention not only on speed but also on accuracy of their answers. Students must make their own strategy as per their own strengths and weaknesses. This would only be possible if they are taking mock tests on the regular basis along with the time bound practice of the questions.

IBT: How much time did you use to devote for the preparation of the exam?

Sukhwinder: Sir, I never fixed my study hours. I always used to decide the number of topics that I was going to practise in a day. For me, achieving that target was much important rather than fixing study hours.

IBT: What contribution did IBT Institute make to your success?

Sukhwinder: Faculty of IBT Institute helped me a lot to clear all my doubts regarding the subjects. It is only due to the flexible batch timings, regular guidance, doubt sessions and weekly mock tests because of which I was able to qualify this examination.

IBT: Who would you attribute your success to?

Sukhwinder: I would like to attribute my success to my parents who always supported me, my teachers who were always there to guide me and IBT Institute as a whole which supported me during my journey towards success. The faculty members guided me in the proper direction.

IBT: Would you like to suggest something to the students who are preparing for the competitive exams?

Sukhwinder: Firstly, they have to be very clear what they actually want to do in their life and if they are actually interested in joining the government job then they must not leave any room for preparation. Dedication and diligence are the keys to reach the summit of success.

IBT: Celebrating the record you just made and looking forward to watch you cross your next finish line!

Sukhwinder: Thank you very much, sir!

PRECIOUS WORDS : *"The two most important days in your life are the day you are born, and the day you find out why."*

G7 SUMMIT – 2019

The Ministry of External Affairs (MEA) had said that the invitation from the French president was a "reflection of the personal chemistry" between the two leaders and also "recognition of India as a major economic power".

Though India is not a member of the G7 grouping, Prime Minister Narendra Modi is in Biarritz on French President Emmanuel Macron's personal invitation.PM Modi reached Biarritz, France for the summit on August 25 after his three-nation tour of France, UAE and Bahrain. PM Modi is expected to participate in two sessions at the G7 summit on climate, biodiversity, oceans and on digital transformation and hold separate bilateral interactions with the world leaders.

Countries Included

The countries which are part of the G7 include the UK, Canada, France, Germany, Italy, Japan, and the US.

PM Modi- Boris Johnson Meet

In his first bilateral interaction on the sidelines of the G7 summit, PM Modi met the new British Prime Minister Boris Johnson. This was PM Modi's first meeting with Boris Johnson since he took charge as the new Prime Minister of Britain.

Modi also met UN Secretary-General Antonio Guterres and held fruitful discussions on a wide range of subjects.

PM Modi- Trump bilateral meet

PM Modi would also be meeting US President Donald Trump, German Chancellor Angela Merkel, President of Senegal Macky Sall and President of Chile Sebastian Pinera. The Modi-Trump meet is likely to take place today around 3 pm. This would be the second meeting between the two leaders in 2019; they had also previously met on the sidelines of the G20 summit in Osaka, Japan.

India in G7 summit: Background

India has been specially invited as a "Biarritz partner country" for the 45th G7 summit along with other nations including **Australia, Chile, South Africa, Rwanda, Senegal, Egypt and Burkina Faso.**

Theme

The main theme of the G7 summit this year is **"combating inequality"** and its main focus will be on the climate and biodiversity.

Following are the key take a ways from the G7 summit:

1. G7 might consider reinstating Russia

US President Donald Trump pressed the G7 group to reinstate Russia as a permanent member of the grouping, saying it would be better to have Russia inside the group than outside. French President Emmanuel Macron said that he and German Chancellor Angela Merkel would be organizing a summit in the coming weeks with the Russian and Ukrainian leaders to obtain results on the Ukraine crisis.

2. Trump open to talks with Iran

Donald Trump said that he was open to meet Iran's President under the right circumstances to end the confrontations over the 2015 nuclear deal and that talks were underway to see how countries could open up credit lines to keep Iran's economy afloat. Trump, however, ruled out compensating for losses suffered by Iran and made crippling sanctions.

Macron also stated that Iranian President Hassan Rouhani had told him he was open to a meeting with US President Donald Trump. Trump, during a press conference, said that it was realistic to envisage a meeting with the Iranian head of government in the coming weeks. Both the leaders will be attending the UN General Assembly in September 2019.

3. Trump opens doors to a possible trade deal with China

The G7 leaders had expressed concern during their summit meeting that trump's trade war with China could spiral outward and called for a sensible resolution.

However, US President Donald Trump in a welcoming move opened the path for a possible trade deal with China following days of an intense trade war. Chinese Vice Premier Liu He, who has been leading the talks with the US, stated on August 26 that China was willing

to resolve the trade dispute through "calm" negotiations and opposed any increase in trade tensions. Trump welcomed the positive gesture and said that he believed China was sincere about wanting to reach a deal and said he had great respect for the fact. Trump also hinted that talks will continue on the matter.

The US-China trade war has had a damaging effect on the global economy and overall GDP.

4. Trump skips session on 'climate and biodiversity'

The G7 summit this year laid increasing focus on climate change amid a backdrop of the burning Amazon, a month after the Earth recorded its hottest month ever.

However, US President Donald Trump who claimed to be an environmentalist in a press conference later notably skipped the climate crisis meeting of the G7. Trump defended his absence saying that the US wealth is based on energy exports and he is not going to lose it on dreams.

5. India- Pakistan tensions expected to lighten

Indian Prime Minister Narendra Modi while interacting with the media alongside US President Donald Trump said that all issues between India and Pakistan are bilateral and that is why India does not don't want to trouble any third country. Modi reiterated that India and Pakistan were together before 1947 and he was confident that the two nations can discuss and resolve these issues bilaterally.

6. G7 leaders support Hong Kong's autonomy

The G7 leaders confirmed the existence and importance of the Sino-British Joint Declaration of 1984 on Hong Kong and called for violence to be avoided.

7. US-UK trade deal

US President Donald Trump vowed to work out a very big trade deal, bigger than ever with the United Kingdom after Brexit. The US president stated that the British would lose the anchor around their ankle after leaving the EU.

8. US-Japan trade agreement

US President Donald Trump announced locking of a new trade agreement with Prime Minister Shinzo Abe of Japan. The deal aims to secure market access for several American agricultural goods and Japan has agreed to purchase large sums of corn from the US.

Fit India Movement

National Sports Day 2019 is being celebrated 29 August across India. The Sports Day of India (Rashtriya Khel Divas) marks the birth anniversary of the legendary hockey player Major Dhyan Chand, who was born on August 29 in the year 1905. India celebrates the National Sports Day by organising various events and by bestowing National Sports Awards to sports personalities. The Day will witness the launch of the 'Fit India Movement' by Prime Minister Narendra Modi. Moreover, the President of India, Ram Nath Koving will confer the National Sports Awards, National Adventure Awards, Arjuna Award, Khel Ratna, Dronacharya Award and Dhyanchand Award today to celebrate the exceptional achievements of Indian athletes. Among the awardees are Ravindra Jadeja, Deepa Malik, Bajrang Punia and many others.

On 'National Sports Day', Prime Minister Narendra Modi to launch the 'Fit India Movement' across the country; Fit India movement aims to encourage people to inculcate physical activity and sports in their everyday lives.

The 'Fit India Movement' launch event is being held at Indira Gandhi Indoor Stadium, New Delhi during which PM Modi will address people and will also administer a fitness pledge. During his latest Mann Ki Baat, the Prime Minister had asked people to take part in the 'Fit India Movement' which has been organised to celebrate 'National Sports Day' today - the birth anniversary of Major Dhyan Chand.Sports Minister Kiren Rijiju has urged people to participate in the Fit India movement in large numbers.

The University Grants Commission also asked all the universities and colleges to encourage their staff and students to walk at least 10,000 steps on the National Sports Day and follow it up in their daily routine.

The UGC has also asked all universities and colleges to prepare and implement a proper fitness plan that includes sports, daily exercise and physical activities for everyone to practice on the campus. The colleges have been requested to publicise the fitness plan on their websites and notice boards and upload it on UGC's Fit India Movement Portal.

CBSE has also asked its affiliated schools to make arrangements for the live streaming of the Fit India Movement launch function. Besides this, both CBSE and UGC have asked the educational institutions to upload pictures and videos of the launch day on a portal monitored by the two educational bodies respectively.

ARTICLE 370 AND 35(A) REVOKED

J&K and Ladakh to be Separate Union Territories

Home Minister Amit Shah moving to revoke two key constitutional provisions-Article 370 and Article 35(A) that give the state of Jammu & Kashmir a host of special rights. Some provisions of the Article 370 have been diluted over time. In contrast, the Article 35A till now had remained unchanged. The move came amid mounting tension in the state where the government, in a midnight swoop, had put the top political leadership under detention and restricted their movement. It also suspended telecom/internet services in the state.

What Article 370 means?

- Jammu & Kashmir is a Muslim Majority State which was ruled by the Hindu Ruler Maharaja Hari Singh. He didn't want to merge with any of the dominions India & Pakistan. But Jammu & Kashmir was attacked by the Muslim Tribal People which was supported by the Pakistan Government. On the occasion, Maharaja wants to sign a treaty with India named as Instrument of Assistance(IoA).

- The Instrument of Assistant provides some restrictions in their constitutions except Defence, Foreign Affairs & Communication.

- The present constitution of J&K was adopted on 17th November 1956 and came into an effect on 26th January 1957.

- The Indian Constitution under Part XXI has given the Transitional and Special provisions to Jammu & Kashmir State as Temporarily. So all the provisions of the Constitution of India which is applicable only for other states not for J&K.

What Article 35(A) means?

- Article 35A allows the state legislature to define the Jammu and Kashmir's permanent residents. The article had been inserted via the Constitution (Application to J&K) Order, 1954. It was issued by the then President Rajendra Prasad under Article 370 on PM Nehru's advice.

- The state's Constitution, at the time of its adoption in 1956, defined a permanent resident as someone who was a state subject on May 14, 1954, or who has been a reside for 10 years, and has lawfully acquired immovable property.

- What this clause means is that no outsider can now own property in J&K or get a state job.

- The article is also known as the Permanent Residents Law. Among other things, it deprives the state's female residents of property rights if/when they marry an 'outsider'. The provision also extends to children born of any such women.

What will happen to J&K now ?

- After Kashmir's special status is gone, people from anywhere in India be able to buy property and permanently settle in the state. This has fuelled fear in the mind of Kashmiris, they think it would lead to the state's demographic transformation from majority Muslim to majority Hindu.

- A separate Union Territory will be created for Jammu & Kashmir with legislature, Home Minister Amit Shah has revealed via a notification.

- Keeping in view the prevailing internal security situation, fuelled by cross-border terrorism in the existing state of Jammu & Kashmir, a seperate Union Territory is being created.

- Under the notificaiton, the Ladakh region is also being given the status of a Union Terrority, without legislature.

- The Ladakh division has a large area but is sparsely populated with a very difficult terrain. There has been a long-pending demand of people of Ladakh to give it a Union Territory status to enable them to realise their aspiration.

Some Steps took by the Indian Government in J&K:

- Due to this proposal of removing the article from the Jammu & Kashmir, the opposition parties have proposed their strong opposition against this repeal and adjourned the Upper house.

- Then after that, the last night(Sunday) the Govt of India has taken the former chief ministers of Jammu & Kashmir Mehbooba Mufti & Omar Abdullah into a house arrest. Along with they have temporarily banned communication services like Mobile, Broadband Internet Connection & Cable TV.

- Meanwhile, Congress leader Usman Majid & CPI MLA Tarigami have been arrested at the midnight.

- The government of India also ordered that public meetings or rallies would not be allowed and there would be no movement of the public. Also, all educational institutions should remain closed.

PM ANNOUNCES CDS FOR 3 SERVICES COORDINATION

The Chief of Defence Staff will be a 'first among equals', a fourth four-star officer who will be senior to the three other service chiefs.

The creation of the post of the Chief of Defence Staff (CDS) is a major step towards promoting integration of the three services. In a major defence reform to keep pace with fast changing war fighting capabilities world over, Prime Minister Narendra Modi on Thursday announced the creation of post of the CDS. The CDS will be a single-point military advisor to the political leadership on matters of modernisation, operational preparedness and fight jointly. The CDS proposal gathered dust for the last 17 years.

A review committee headed by K Subrahmanyam, set up top to fine-tune higher defence management in the wake of 1999 Kargil war, had given this proposal to a Group of Ministers. The GOM headed by then Home Minister LK Advani endorsed this proposal. However, successive Governments did not go in for the crucial reform citing lack of political consensus. Also, the three services could not come on one platform leading to delay in the creation of the CDS. Many western countries, including the UK, have the institution of the CDS.

The PM made the political leadership's intent clear during his speech on Kargil Vijay Diwas last month where he stressed on "jointness" and said it was time to connect among three services in terms of "action and system."

Making the important announcement during his Independence Day speech here, Modi said time has come to enhance coordination among the three services to deal with security challenges facing India.

"To further sharpen coordination between the forces, I want to announce a major decision from the Red Fort: India will have a Chief of Defence Staff - CDS. This is going to make the forces even more effective," he said. The PM said as head of the three services, the CDS will ensure synergy and provide effective leadership to the Armed forces in dealing with security challenges.

NEW J&K UT TO HAVE LT GOVERNER
7 more assembly seats after delimitation

The Union Territory (UT) of Jammu and Kashmir will have a Lt Governor and the strength of the Assembly will be 107, which will be further enhanced to 114 after a delimitation exercise is carried out.

The present strength of the assembly is 87, which includes four seats of the Ladakh region. Ladakh will now become a separate UT, but without a legislature. Twenty-four seats of the assembly continue to remain vacant as they fall in the area of Pakistan- occupied Kashmir (PoK).

"...the number of seats in the Legislative Assembly of the Union Territory of Jammu and Kashmir shall be increased from 107 to 114, and delimitation of the constituencies may be determined by the Election Commission in the manner hereinafter provided," according to the J-K Reorganisation Bill, 2019 introduced by Union Home Minister Amit Shah in the Rajya Sabha on Monday.

The UT of Ladakh will have Kargil and Leh districts.

There shall be a council of ministers, the bill said, consisting of not more than 10% of the total number of members in the Legislative Assembly, with the Chief Minister at the head to aid and advise the Lieutenant Governor in the exercise of his functions in relation to matters with respect to which the Legislative Assembly has powers to make laws.

It said that the new UT will have reservation in the assembly seats. "The number of seats to be reserved for the Scheduled Castes and the Scheduled Tribes in the Legislative Assembly, having regard to the relevant provisions of the Constitution...," it said.

NATIONAL NEWS

LUCKNOW'S ICONIC HAZRATGANJ CHAURAHA RENAMED AS ATAL CHOWK

- Famous 'Hazratganj Chauraha' of Lucknow, Uttar Pradesh has been renamed as 'Atal Chowk' in memory of former Prime Minister of India, Late Atal Bihari Vajpayee on the occasion of his first death anniversary, from August 16, 2019. He was a five-time Member of Parliament (MP) from Lucknow. A memorial named "Atal Smriti Upvan" will also be built on his name.

UP GOVT TO INSTALL 251-METRE-TALL STATUE OF LORD RAM IN AYODHYA

- The Uttar Pradesh (UP) government has decided to install a 251-metre-tall statue of Lord Ram at Ayodhya which will become the world's tallest statue surpassing the record held by Sardar Vallabhbhai Patel's Statue of Unity in Gujarat (182-metre).
- A separate unit of "Rajkiya Nirman Nigam" will be set up for the purpose of installation of the statue.
- UP Chief Minister Yogi Adityanath unveiled the 7-foot tall statue of Lord Ram which depicts Kodamb Ram, one of the five avatars of Lord Ram, during his visit to Ayodhya at the Shodh Sansthan Museum.
- The statue is made of a single block of rosewood and purchased for Rs. 35 lakh from Karnataka.

PARLIAMENT PASSED MUSLIM WOMEN BILL 2019

- On July 30, 2019, Parliament passed the Muslim Women (Protection of Rights on Marriage) Bill 2019. It was passed with 99 votes in favour and 84 opposed against it. The bill criminalizes instant triple talaq among Muslims and attracts a jail term of three years for the husband.

GLORIOUS JAGANNATH RATH YATRA 2019 BEGINS IN PURI, ODISHA

  The world famous Jagannath Rath Yatra 2019(also known as Chariot Festival) began at Puri in Odisha. The religious procession commemorates a journey by Hindu god Jagannath, his brother Balabhadra and sister Subhadra, in specially made chariots as they travel to Gundicha temple, their birthplace.

- The Rath Yatra draws lakhs of devotees from across the country.The Jagannath Rath Yatra in puri coincides with Gujarat's Lord Jagannath Rath Yatra where its marks 142nd annual Rath Yatra of Lord Jagannath.

- President Ram Nath Kovind, Vice President Venkaiah Naidu & Prime Minister Narendra Modi have greeted people on the auspicious occasion of Yatra.

PILOT BASIS OF ONE NATION ONE RATION CARD SCHEME

- In order to boost the National Food Security, pilot basis of One Nation One Ration Card scheme was launched by the government in four states namely Telangana , Andhra Pradesh, Maharashtra and Gujarat.
- Families holding this card can buy subsidized rice and wheat from any ration shop in these four states.

INDIA IS THE 46TH HIGHEST RISK COUNTRY IN THE WORLD: WATER STRESS INDEX

- According to the Water Stress Index, formulated by London-based risk analytics firm Verisk Maplecroft, India is the 46th highest risk country in the world. It measured the water consumption rates of households, industries and farm sectors and the available resources in rivers, lakes and streams and plotted the index with projected population growth trends to rank the cities facing the biggest threat to their water resources. Chennai is the "tip of the iceberg" for India's water stressed cities.

FLIPKART LAUNCHED 'SAMARTH' INITIATIVE TO SUPPORT WEAVERS

- Anurag Thakur, Minister of State, Finance and Corporate Affairs and Kalyan Krishnamurthy, Chief Executive Officer (CEO) of Flipkart Group launched 'Samarth', an initiative of Flipkart, to support weavers, artisans and makers of handicrafts to its platform.

- It will help the community to on-board and sell the goods on the internet.

RAJYA SABHA PASSED THE IBC AMENDMENT BILL

- The Rajya Sabha approved the amendments to the Insolvency and Bankruptcy Code (IBC). Insolvency and Bankruptcy Code (Amendment) Bill, 2019 provides clarity about preference to secured lenders over operational creditors.

J&K ADMINISTRATION UDHAMPUR LAUNCHES HELPLINE "JEENE DO"

- Jammu and Kashmir, District Administration Udhampur has launched a helpline, "Jeene Do".
- The objective is to improve sex ratio and deal with defaulters of Pre-Conception and Pre-Natal Diagnostic Techniques PCPNDT Act under the Centrally sponsored Beti Bachao Beti Padhao scheme.
- A Mobile Number 9469793363 has been dedicated to the public to register complaints regarding sex determination during prenatal checkups.

TARUN CHAUDHARY BECOMES FIRST PILOT TO ACCOMPLISH WINGSUIT SKYDIVE JUMP

- Wing commander Tarun Chaudhary became the first pilot of Indian Armed Forces (IAF) to do a wingsuit jump.
- Tarun Chaudhary jumped from a Mi-17 helicopter from an altitude of 8500 feet. He has accomplished this feat in first attempt.
- It was for the first time when wingsuit jump demonstration held before an organised gathering. The jump was a tribute to the heroes of the Kargil.

NITI AAYOG PARTNERS WITH WHATSAPP TO PROMOTE WOMEN ENTREPRENEURS

- NITI Aayog and Facebook-owned WhatsApp, under the aegis of its Women Entrepreneurship Platform (WEP), have announced a partnership to support the growth of a robust ecosystem to promote women entrepreneurs in India.
- WhatsApp, in collaboration with NITI Aayog, will announce an annual calendar of events aimed at capacity building of women entrepreneurs and develop specific programmes aimed at addressing challenges faced by women entrepreneurs.
- The initiative would target the registered users of WEP.

WEST BENGAL LAUNCHED AWARENESS CAMPAIGN

- The Chief Minister of West Bengal Mamata Banerjee launched an awareness campaign 'Save Green, Stay Clean' for preserving the greenery and keeping the environment clean in Kolkata, which will be celebrated every year. She participated in the Padayatra for this purpose.Save Green, Stay Cleani. The percentage of tree plantation increased to 19% from 11% in the past 8 years.
- State Government will also distribute more than 1 lakhs saplings throughout the state for spreading of greenery.

"PINK COACHES" INTRODUCED FOR WOMEN

- As a new initiative that would enhance the security of women, the Northeast Frontier Railway (NRF) zone has introduced pink colored SLRcoach (second Class -cum- Luggage-cum Guard's Coach) for women. NRF Chief Public Relations Officer (CPRO) PranavJyoti announced that these pink coaches will help women passengers to identify their coach during rush hours.
- Railway Police Force (RPF) and ticket checking staff will be deployed by the railway authorities to stabilize the new system. Initially a total of 8 trains in Rangiya district have begun the operations.

  They are-

  i. 6 trains between New Bongaigaon and Guwahati

  ii. 2 trains between Rangiya and Murkongselek.

DOORDARSHAN PRODUCED A PATRIOTIC SONG "WATAN"

- Union Information and Broadcasting Minister has released a patriotic song "Watan" to mark the occasion of Independence Day, 2019.
- The song is sung by singer Javed Ali, penned by lyricist Alok Shrivastav and musically composed by Dushyant. The patriotic song is produced by Doordarshan.
- The song highlights several path-breaking initiatives of the government including the determination and vision behind the recent successful launch of "Chandrayaan 2". The song also pays tribute to the bravery and valour of our armed forces and the martyrs of the country.

JULY 2019

RAJASTHAN GOVT. HAS LAUNCHED STUDENT POLICE CADET SCHEME

• The Rajasthan government has launched Student Police Cadet (SPC) scheme, a Police training program, for class 8 and 9 students on July 18.

• All aspects of public and personal life have been developed for the SPC training.

• It would be imparted at three levels which includes: indoor classes, outdoor activities, visits to relevant places and offices.

HEALTH MINISTRY TO LAUNCH A "JAN JAGRUKTA ABHIYAAN" IN DELHI

• Ministry of Health and Family Welfare will launch a Jan Jagrukta Abhiyaan in Delhi to accelerate measures for prevention and control of Vector Borne Diseases like Malaria, Dengue and Chikungunya.

• It will start from 17th to 19th July, 2019 in Delhi

• Union Minister of Health and Family Welfare: Dr Harsh Vardhan.

• Governor: E.S.L. Narasimhan.

FIRST EVER HIMALAYAN STATES CONCLAVE

• The first-ever Himalayan States Conclave will be hosted by Uttarakhand on July 28, 2019 with the main focus on sustainable development of the Indian Himalayan Region. It will be held at Mussoorie. The event will discuss the common issues pertaining to states located in the Himalayan Region like environmental protection, Himalayan culture and economic development. Himalayan States Conclave.

RAJYA SABHA PASSED THE CENTRAL UNIVERSITIES BILL

• The Rajya Sabha passed the Central Universities (Amendment) Bill, 2019. The Bill aims the establishment of a Central University and Tribal University in Andhra Pradesh.

• The total outlay for the Central University project is Rs 902.07 crore and for Tribal University is Rs 836 crore.

• The Tribal University will offer research facilities in the fields of art, culture and technology to the tribal population.

PAKISTAN TO ALLOW 5,000 SIKH PILGRIMS PER DAY TO VISIT KARTARPUR SAHIB

• After the second meeting of officials of India and Pakistan, the Foreign Office (FO) informed that Pakistan would allow 5,000 Sikh pilgrims per day throughout the year to visit Gurudwara Kartarpur Sahib situated in Kartarpur, Narowal District, Pakistan. It was established in 1522 by Sikh faith founder Guru Nanak Dev. The first meeting was held in Atari, India on March 14, 2019.

KERALA INDIA'S FIRST-EVER ELEPHANT REHABILITATION

• The Kerala government will set up India's first elephant rehabilitation centre named Kottoor Elephant Rehabilitation Centre at Kottoor, The phase 1 of the project was inaugurated by the Chief Minister of Kerala Pinarayi Vijayan in June 2019.

LOK SABHA PASSED THE NATIONAL INVESTIGATION AGENCY BILL, 2019

• Lok Sabha passed the National Investigation Agency (Amendment) Bill, 2019. This bill aims to allow NIA to probe terrorist acts against Indians and Indian interests abroad. The Bill seeks to give more power to the National Investigation Agency (NIA).

PRIME MINISTER TO SHARE HIS THOUGHTS IN MANN KI BAAT ON JULY 28

• Prime Minister Narendra Modi shares his thoughts with the people in the country and in his 'Mann Ki Baat' programme on All India Radio. The second edition of the programme after Mr Modi for the second term.

• Prime Minister invited the people to share their ideas. They can share their views in MyGov Open Forum

• The awareness campaign should focus on water-related problems.

12 BEACHES SELECTED FOR BLUE FLAG CERTIFICATION

The Union Ministry of Environment, Forests and Climate Change (MoEFCC) has selected 12 beaches in India for 'Blue Flag' certification. The 12 beaches : It includes Bhogave (Maharashtra), Shivrajpur (Gujarat), Ghoghla (Diu), Miramar (Goa), Kappad (Kerala), Eden (Puducherry), Kasarkod and Padubidri (Karnataka), Mamallapuram (Tamil Nadu), Golden (Odisha), Rushikonda (Andhra Pradesh) and Radhanagar (Andaman & Nicobar Islands).

JUNE 2019

TELANGANA HOSTS ISTA CONGRESS

• Telangana hosts 32nd edition of the International Seed Testing Association congress. This is the first edition of ISTA congress to be held in Asia.

• Scientists, policy makers, researchers and members of public and private seed industry from over 80 countries are participating in the congress.

• The eight-day congress would have the main event for three days and technical committee meetings/ sessions would be held over the next five days.

20TH MEETING OF THE FSDC HELD IN NEW DELHI

• On June 20, 2019 The 20th meeting on Financial Stability and Development Council (FSDC) was held in New Delhi. This was chaired under the Union Minister of Finance and Corporate Affairs, Nirmala Sitharaman.

• The meeting was also attended by Minister of State for Finance Anurag Thakur, RBI Governor Shaktikanta Das, and Finance Secretary Subhash Chandra Garg among others. Current global and domestic economic situation and financial stability issues including those concerning Banking and Non-Banking Financial Company were reviewed in the meeting.

• Consultations held on the progress to set up the Financial Data Management Centre (FDMC) and Computer Emergency Response Team (CERT) to strengthen cybersecurity services in the financial sector &Suggestions of Financial Regulators for Union Budget 2019-20.

MISS INDIA 2019 WINNER: SUMAN RAO

• Suman Rao, Miss India Rajasthan was crowned the winner of Femina Miss India World 2019 during a star-studded grand finale of the beauty pageant, held on June 15, 2019 at the Sardar Vallabhbhai Patel Indoor Stadium in Mumbai.

• Miss India 2019 winner Rao was crowned Miss India World 2019 by her predecessor, Miss India 2018 Anukreethy Vas from Tamil Nadu.

• While Shivani Jadhav from Chhattisgarh was crowned Femina Miss Grand India 2019, Shreya Shanker from Bihar won the Miss India United Continents 2019 title.

KERALA TOPS HEALTH RANKINGS: NITI AAYOG

• Kerala has topped in NITI Aayog's Health Index followed by Andhra Pradesh and Maharashtra. Also, Haryana, Rajasthan and Jharkhand showed the maximum improvement of health outcomes from base to reference year.

• The health index has been developed by NITI Aayog, with technical assistance from the World Bank, in consultation with the ministry of health and family welfare.

• The report ranks the states and Union territories innovatively on their year-on-year incremental change in health outcomes, as well as, their overall performance with respect to each other.

INDIAN WOMAN CROWNED MISS UNIVERSE AUSTRALIA

• India born Priya Serrao has won the Miss Universe Australia title for 2019.

• India born Priya Serrao, whose family migrated to Australia from Middle East, has won the Miss Universe Australia title for 2019. Serrao edged past 26 other women from across the country in Melbourne on Thursday night to win the title. The 26-year-old will now represent Australia in the Miss Universe competition later this year.

• Western Australia's Bella Kasimba and another Victorian Marijana Radmanovic rounded out 2019's top three, placing second and third.

• Serrao said winning the title was a huge surprise for her as it was her first beauty pageant contest.

BINNY, INDIA'S ONLY ORANGUTAN DIES IN ODISHA ZOO

• A 41-year-old orangutan at Odisha's Nandankanan Zoological Park died following a prolonged illness. The great ape was under treatment for the last one year by experts from the College of Veterinary Science and Animal Husbandry OUAT who were under constant advice of the Orangutan experts from UK and Singapore. Binny, was brought to Nandankanan Zoo from Pune's Rajiv Gandhi Zoological Park on November 20, 2003, when she was 25.

• Orangutans are one of the world"s three extant species of great apes and are native to Indonesia and Malaysia. Orangutans are currently found only in the rain forests of Borneo and Sumatra.

INTERNATIONAL NEWS

AUGUST 2019

LONDON NAMED AS WORLD'S BEST STUDENT CITY

- In the QS Best Student Cities Ranking 2019 compiled by Quacquarelli Symonds (QS), a global education consultancy, London, the capital of United Kingdom (UK), was named as the world's best city for students for the second consecutive year. Tokyo and Melbourne were ranked second and third positions respectively.

- The Ranking was based on each city's performance across 6 categories- the number of top-ranked universities; the proportion of a city's population made up of students; quality of life on offer; job opportunities available after graduation; affordability; and the feedback of the students themselves.

- Indian Students: Student numbers from India going to study in London registered an increase of 20% in 2017-18 from 4,545 in 2016-17 to 5,455 in 2017-18.

U.S. LABELS CHINA A 'CURRENCY MANIPULATOR'

- The United States has officially labeled China a "currency manipulator". The US has accused China of using yuan to gain "unfair competitive advantage" in trade.

- The US took the action as Beijing has allowed its yuan to fall below the politically sensitive level of "seven" to the U.S. dollar for the first time in 11 years.

NAGAR KIRTAN FROM PAKISTAN REACHES INDIA

- To mark the 550th birth anniversary of Guru Nanak Dev , the Sikhism founder, a Nagar Kirtan , a Sikh religious procession was taken out for 1st time after Independence from Nankana Sahib district(birthplace of Guru Nanak Dev) of Pakistan's Punjab province entered into Attari village in Amritsar,Punjab Indian side through the Attari-Wagah land route .

US FINALIZES $670 MILLION FOREIGN MILITARY SALES TO SUPPORT INDIA'S C-17 AIRCRAFT

- The United States (US) approved foreign military sales worth $670 million to support India's C-17 military transport aircraft in order to enhance operational readiness and ability to provide Humanitarian Assistance and Disaster Relief (HA/DR) assistance in the Indo-Pacific region.

- The implementation of the proposed sale requires the assignment of 1 US government representatives and 23 contractor representatives to India

BANGLADESH RECORDS HIGHEST LEVEL OF DENGUE CASES IN 18 YEARS

- According to Directorate General of Health Services (DGHS) of Bangladesh, 10528 patients were infected with dengue and nearly 700 more people were reported with dengue infection across Bangladesh. It is the highest in 18 years. Dengue cases in Bangladesh were first detected in the year 2000.

- 8 people were dead in the current spate of dengue outbreak.Dhaka Medical College and Hospital (DMCH) data revealed that out of 800 beds in the medicine department, 561 were occupied by dengue patients .

- In 2018, a total of 10,138 Dengue patients were hospitalised.72 cases were reported in Dhaka division (except Dhaka city), 142 in Chittagong, 71 in Khulna, 40 in Rajshahi, 35 in Barisal and 13 in Sylhet division accounting for 373 cases.

NORTH KOREA SUCCESSFULLY TEST FIRED TWO SHORT RANGE BALLISTIC MISSILES OFF ITS EAST COAST

- North Korea successfully test fired two short range ballistic missiles off its east Coast. They were fired from mobile launch vehicles.

- The first short-range missile, launched from Wonsan, a coastal town east of the capital, Pyongyang, flew 430 kilometers (267 miles), reaching a height of 50 kilometers (31 miles) before landing in waters between North Korea and Japan.

- The second missile flew 690 kilometers (430 miles).

IRAN LAUNCHED 3 NEW PRECISION-GUIDED MISSILES

- Iran unveiled three precision-guided missiles "Yasin", "Balaban" and a new series of "Ghaem" in Tehran. The air-to-air missiles were developed jointly by the Ministry of Defence of Iran and Sa Iran, also known as Iran Electronics Industries.

- Yasin is a smart, guided missile with folding wings that can be fired from a range of 50 kilometres (30 miles) of its target from manned or unmanned aircraft.

- Balaban is guided by GPS (Global Positioning System) and sensors. It is equipped with folding wings and can be mounted under the aircraft.

- Ghaem is a heat-seeking missile which can hit within 50 centimetres of a target.

ROHINGYA REFUGEES GET IDENTITY CARDS IN BANGLADESH

- 5 lakh Rohingya refugees living in Bangladesh have been issued identity documents by the United Nations High Commissioner for Refugees (UNHCR). UNHCR's Bio-metric Identity Management System (BIMS) fraud-proof cards are being issued jointly by Bangladeshi authorities and UNHCR to all verified refugees over the age of 12.

- These cards will help in establishing and safeguarding the right of Rohingya refugees to return to their homes in Myanmar. UNHCR's (BIMS) captures bio-metric data, including fingerprints and iris scans, which secure each refugee's unique identity as well as other important information such as family links.

HOVERBOARD INVENTOR FRANKY ZAPATA CROSSES ENGLISH CHANNEL IN HIS SECOND ATTEMPT

- 40 year old Jet powered hoverboard inventor and former jet ski champion Franky zapata of France, crossed the English Channel for the first time within 10days after his first failed attempt.

- He Started his 22 mile journey at 715 am from Sangatte, Northern France and landed at Saint Margaret's bay in Dover in around 25 minutes.Franky zapataPrevious attemptFranky Zapata made his first attempt to cross the English Channel on 25th July but failed as he fell into the water half-way when he tried to land on a boat for refuelling.

- Mr. Zapata received widespread attention following the annual Bastille Day parade in Paris on 14th July, as he took part in a military display on his futuristic flyboard (hoverboard). The attempt took place exactly 110 years since Louis Blériot made the first powered flight across the Channel in 1909.

JAPANESE DEFENSE SHIP JS SAZANAMI VISITS KOCHI

- JS Sazanami, the fourth vessel of the Takanami class destroyers of the Japan Maritime Self-Defense Force. The defence force is commanded by Commander Shoji Ishkawa. It is a 2-day goodwill visit from August 13 to19,2019.

- The activities such as the visit of Indian Navy personnel onboard JS Sazanami and professional interaction between the two navies were conducted during the visit. The visiting team provided with a conducted tour of the Anti-Submarine Warfare School and the Naval Offshore Patrol Vessel, INS (Indian Navy Ship) Sunayna.

- Shoji Ishkawa accompanied by Koichiro Maeda , Coast Guard Superintendent, Commanding Officer of the Somalia Dispatch Team of the Japanese Coast Guard, and Captain Taiko Eda, Resident Defence Attaché of Japan at New Delhi.JS Sazanami have about 25 officers, 156 sailors and 8 Japanese Coast Guard personnel (3 officers and 5 sailors) onboard depart for Bahrain from Kochi.

BANGLADESH SIGNS URANIUM SUPPLY DEAL WITH RUSSIA

- Bangladesh signed a deal with Russia for the supply of uranium for its 2400 MW Rooppur Nuclear Power Plant (RNPP).

- The deal was signed in Dhaka between the Bangladesh Atomic Energy Commission and Russian Nuclear Fuel Supply Company (TVEL).

- Under this deal, Russia will supply the nuclear fuel needed for the plant during its entire life cycle.

JULY 2019

WORLD BANK PLANNED TO OFFER $250 MILLION TO KERALA

• World Bank would offer a loan of $250 million to the Kerala Government for the Resilient Kerala project

• The main aim is at enhancing the state's resilience against the impacts of natural disasters and climate change in the wake of last year's floods.

CHINA GIFTS WARSHIP 'P625' TO SRI LANKA

• China has gifted warship 'P625' to Sri Lanka. As a new member of the Lankan Navy, the 'P625' frigate will be mainly used for offshore patrol, environment monitoring and anti-piracy combats.

• The Type 053 frigate was commissioned into China's People's Liberation Army Navy in 1994 as the Tongling.

PALAU BECOMES 76TH COUNTRY TO JOIN ISA

• Palau, an archipelago of over 500 islands in Oceania, became the 76th signatory country to join the International Solar Alliance.

• The International Solar Alliance is a group of 121 solar resource-rich countries with headquarters in Gurugram, India.

" The organisation aims to deploy over 1,000 gigawatts of solar energy and mobilise more than USD 1,000 billion into solar power by 2030, according to the United Nations Framework Convention on Climate Change (UNFCCC).

INDIA & ITALY TO ESTABLISH FAST-TRACK MECHANISM TO FACILITATE INVESTMENT

• In a meeting which was held in New Delhi, it was decided by India and Italy to establish a fast-track mechanism for companies and investors of both countries to help the Italian companies and investors in India and Indian companies and investors in Italy.

WHO DECLARES EBOLA OUTBREAK IN CONGO A GLOBAL HEALTH EMERGENCY

• The World Health Organization (WHO) declared Ebola outbreak in Congo a global health emergency and demanded that the world redouble its efforts to control it.

• This decision came after 2,512 cases of Ebola surfaced in Congo and 1,672 people died since August 1, 2018.

SRI LANKA SIGNS AGREEMENT WITH INDIA TO UPGRADE RAILWAY LINES

• Sri Lanka has signed an agreement with India to upgrade tracks in a key railway segment connecting the north and south at a cost of $ 91.26 million.

• The contract agreement for concessional financing was signed in Colombo between the Government of Sri Lanka and IRCON International Ltd (India).

LI NA, MARY PIERCE & YEVGENY KAFELNIKOV INTO- TENNIS HALL OF FAME

• Chinese tennis great Li Na, France's Mary Pierce and Yevgeny Kafelnikov of Russia were inducted into Tennis Hall of Fame. They all are two-time Grand Slam singles champions.

• Li Na reached the world No. 2 ranking and was a champion at the French Open and the Australian Open. She is the first Asian to be inducted into Tennis Hall of Fame.

WORLD'S LARGEST BURN AND PLASTIC SURGERY INSTITUTE INAUGURATED

• On July 4, 2019, The world's largest burn and plastic surgery institute named Sheikh Hasina National Burn and Plastic Surgery Institute started its functioning in Dhaka, Bangladesh. The Outpatient Department (OPD) of the institute was inaugurated by the Health and Family Welfare Minister of Bangladesh Zahid Maleque. World's largest burn and plastic surgery institute.

INDIA, CHINA TO CARRY OUT MAJOR MILITARY EXERCISE

• Continuing to expand military to military engagements, India and China will be carrying out a major military exercise called 'Hand-in-Hand' in Meghalaya this year.

• The planning conference for the exercise will be held next month. The exercise will take place at Umroi, Meghalaya. It is at the company level, meaning around 100-120 infantry troops from both sides will be participating.

• It will be based on counter-terrorism and humanitarian assistance and disaster relief operations.

JUNE 2019

GLOBAL PEACE INDEX 2019: INDIA RANKS 141ST, ICELAND TOPS

- India's rank has slipped five places to 141 among 163 countries on the Global Peace Index 2019, while Iceland remains the most peaceful country and Afghanistan the least peaceful nation, as per the report by Australian think tank Institute for Economics & Peace.
- In South Asia, Bhutan topped the index with 15th rank, followed by Sri Lanka 72, Nepal 76 and Bangladesh 101. The neighboring country Pakistan has been ranked 153rd on the index.

INDIA'S FIRST IRON ORE MINE DISCOVERED IN BANGLADESH

- Iron ore mine discovered at Isabpur village in Dinajpur.
- This announcement was made by the Geological Survey of Bangladesh. After the effect of extensive drilling over two months in the area. A 400-foot thick iron layer was found in Bangladesh after the result of the Geological Survey.
- Around 1,750 feet beneath the surface stretched over an area of 6-10 square kilometer. The percentage of iron in the mine around 65.

INDIA WILL OVERTAKE CHINA AS WORLD'S MOST POPULOUS COUNTRY

- According to the 26th edition of the United Nations population estimates and projection report, "World Population Prospects 2019" published by the UN's Department of Economic and Social Affairs states that India is going to surpass China as the world's most populous country by 2027.
- According to the World Population Review 2019, India currently ranks second in the index out of 230 countries with over 17 per cent of the world population.
- India likely to add nearly 273 million people between 2019 and 2050.
- The report also stated that among the Southeast Asian counties, Bangladesh, Nepal and Myanmar have witnessed a large net outflow of migrants between 2010 and 2020.
- Nigeria with 733 million, the United States with 434 million, and Pakistan with 403 million are the three countries will expected to get place after India and China.

RUSSIA EXTENDS BAN ON EU FOOD IMPORTS TILL DECEMBER 31, 2020

- In 2014, Russia had imposed an official ban on a wide range of imports from the EU and other countries in retaliation for international sanctions over Moscow's role in the Ukraine crisis.
- This has affected Russian economy by pushing up food prices.

INDIA DESIGNATED AS GUEST AT GUADALAJARA INTERNATIONAL BOOK FAIR

- India designated as the Guest of Honour at the 33rd Feria Internacional del Libro de Guadalajara (Guadalajara International Book Fair) in Mexico, the National Book Trust The book fair organized from November 30 - December 8, India pavilion at the fair will showcase over 35 Indian authors and artists, along with 15 publishing houses.
- India displays a wide array of its rich and composite literary and cultural heritage through literary and academic activities comprising conferences. Ancient and rare manuscripts including "Mahabharata" and "Ramayana" will be put on exhibition, along with photo books, handicrafts, and paintings.
- The "Festival of India" will showcase folk, classical and contemporary cultural programmes.

JAPAN GIFTS MANIPUR A PEACE MUSEUM BUILT ON WORLD WAR-II MEMORIES

- Japan gifted Manipur, one of India's north eastern state a Museum of Peace built on the memories of Battle of Imphal, one of the fiercest battles of 2nd World War (WWII). The inauguration of Imphal Peace Museum marked 75th anniversary of Battle of Imphal
- The Imphal Peace Museum was inaugurated at Red Hill which lies about 20 km southwest of Imphal (Manipur capital).
- The museum is funded by Nippon Foundation, a private, non-profit grant-making organization based in Japan.

500+ G.K.
One Liner Questions

NATIONAL

- Union HRD Minister Shri Ramesh Pokhriyal 'Nishank' has launched a drive to create awareness about Water Conservation among all school Children in the country. **Samagra Shiksha-Jal Suraksha.**

- Researchers from the IIT Madras and National Institute of Ocean Technology are developing turbines that can harness the power of ocean waves to. *generate electricity*

- The e-version of Rozgar Samachar has been launched recently by whom. **Shri Prakash Javadekar**

- Under the second phase of FAME India scheme. The Union Government has objective to purchase of electric vehicles. **5595**

- PIBA special postage stamp to be released to commemorate golden jubilee of. **IFFI**

- Who has signed an agreement with UNIDO to initiate a skill development programme for different levels of beneficiaries in the solar thermal energy sector. **National Institute of Solar Energy (NISE)**

- Home Minister Amit Shah has released a book titled _____. **Listening, Learning & Leading**

- CBSE has increased the fees (from Rs 50 to Rs 1,200) of Class 10th and 12th board examinations for. **SC and ST students**

- Prime Minister Narendra Modi visited which country. Prime Minister also inaugurated a hydropower project and roll out RuPay Cards. **Bhutan**

- The Union Information and Broadcasting Minister Prakash Javdekar has released a nearly five-minute-long patriotic music video .The patriotic song is produced by Doordarshan. **Watan**

- The book, titled 'Sridevi: Girl Woman Superstar' will be launched on cinema legend Sridevi's ____. **56th birth anniversary**

- Prime Minister Narendra Modi has inaugurated the Dynamic Facade Lighting of the . **Parliament House Estate**

- The Indian Army has launched a mission in Jammu to ensure necessities and essential services are available in the Region. **Mission Reach Out**

- India has contributed one million US Dollars to the United Nations Special Purpose Trust Fund for. **the Resident Coordinator System**

- Two newly created Union Territories (Jammu &Kashmir and Ladakh) will officially come into existence on ? **31st October 2019**

- Jammu and Kashmir government will host a three-day Global Investors Summit 2019 in. **Srinagar**

- Who has topped the ranking in Breastfeeding and Infant and Young Child Feeding Practices in the country. **Manipur**

- An expedition team of mountaineers were flagged off by Union Minister of State for Defense Shripad Yesso Naik to. **Mount Elbrus, Russia.**

- Vice President M Venkaiah Naidu has launched the Jharkhand Govt. **Mukhya Mantri Krishi Ashirwad Yojana.**

- Thousands of students and members of several social organizations unfurled a 15-km long national flag by forming a human chain in. **Raipur, Chhattisgarh**

- Who has initiated a massive drive to provide more than 28000 agro-machines/farm equipment to farmers? **Punjab Agriculture Department**

- Karnataka Government has launched an initiative to empower student start-ups. The programme is specially crafted for students **E-Step.**

- West Bengal Chief Minister Mamata Banerjee has inaugurated the world's first museum in Kolkata. **Sri Chaitanya Mahaprabhu**

- Culture and Tourism Minister Mr Prahlad Singh Patel has flagged off mobile library bus service I which state? **New Delhi**

- Ministry of Information and Broadcasting (I&B) has launched a competition for designing a Postage Stamp along with the First Day Cover to commemorate Golden Jubilee edition of which festival? **International Film Festival of India (IFFI).**

- The Union Government has launched the One Nation-One Ration Card scheme on a pilot basis in which states? *Telangana, Andhra Pradesh, Maharashtra and Gujarat.*

- Bureau of Indian Standards (BIS) would set up a Pashmina testing centre in ? *Leh*

- Delhi Chief Minister Arvind Kejriwal has announced free electricity for people consuming up to 200 units under a domestic connection from ? *1st August 2019*

- Scientists at IIT Hyderabad have developed low-cost, environment-friendly solar cells by employing an off-the-shelf dye used to make? *kumkum in India*

- The Union Cabinet has given nod to the setting up of ISRO Technical Liaison Unit (ITLU) at ? *Moscow, Russia*

- Human Resources Development (HRD) Minister Ramesh Pokhriyal Nishank has inaugurated the Technology Expo at? *IIT Delhi*

- Indian Space Research Organisation (ISRO) has released the first set of pictures of the earth, captured by? *Chandrayaan-2*

- India successfully test-fired its all-weather tracked-chassis Quick Reaction Surface-to-Air Missile (QR-SAM) from? *Integrated Test Range at Chandipur, Odisha.*

- The 3rd edition of India's largest education brainstorming event ScooNews Global Educators Fest (SGEF) held in? *Udaipur*

- The Ministry of Culture and Tourism Minister has celebrated the Lalit Kala Akademi's 65th Foundation Day in? *New Delhi*

- ISRO Chairman K Sivan laid the foundation stone for Space Situational Awareness Control Centre at Peenya in? *Bengaluru.*

- State Government has launched an awareness campaign for preserving the greenery and keeping the environment clean. *West Bengal*

- Jammu & Kashmir (J&K) Governor's Administration has approved operationalization of the Toll-Free Ambulance Service. *102-108*

- The state government has granted infrastructure project status for a USD 10 billion plan to establish the world's first ultra-fast hyperloop project. *Maharashtra*

- Who has constructed the first-ever transport tunnel in the country which will pass through underwater ? *Kolkata Metro*

- Gujarat Chief Minister Vijay Rupani has launched a welfare scheme for the girl child ? *Vhali Dikri Yojna*

- The Union Government has approved a project worth Rs. 4,900-crore Kosi-Mechi river interlinking project in? *Bihar*

- Mohali traffic police has launched the 3-D Smart Traffic Signal system based on ? This 3-D technique is first of its kind in the country. *Artificial Intelligence*

- The Union Minister of Human Resource Development inaugurated the International Conference what was the title of the Conference? *"Journey of Teacher Education: Local to Global" in New Delhi.*

- What is the name of Sports Minister who along with former India football captain Baichung Bhutia flagged off Op-Blue Freedom. *Kiren Rijiju*

- Which training programme is launched to improve Learning Outcomes at the Elementary level across the country. This is the largest teachers' *NISHTHA (National Initiative for School Heads and Teachers Holistic Advancement)*

- Who has opened its largest campus in the world in Hyderabad? *Amazon*

- Union Government is planning to launch an e-commerce portal named _____for MSME's. The portal is based on other e-commerce portals like 'Alibaba' and 'Amazon' *"Bharatcraft"*

- The Health Ministry has notified the new warnings on "Tobacco packs". What is the text messages that will be printed on the packs *"tobacco causes painful death"*

- President Ram Nath Kovind inaugurated the first-ever World Youth Conference. What is the theme of the conference. *'Vasudhaiva Kutumbakam': Gandhi for the Contemporary World*

- _____has proved to be an effective programme to provide employment and employment opportunities to master artisans. *"Hunar Haat"*

- Where has been 5 New fish species named as Mystus prabini, Exostoma kottelati, Creteuchiloglanis tawangensis, Garra ranganensis, Physoschistura harkishorei discovered ? *Arunachal Pradesh*

- The Odisha Wetland Authority has approved implementation of an integrated management plan of which lakes? *"Chilika and Ansupa"*

- Manipur Chief Minister N Biren Singh launched which scheme to improve the infrastructure of government schools in the state? *"School Fagadaba"*

INTERNATIONAL

- Foreign Ministers from South East Asia has attended the 52nd ASEAN summit in. *Bangkok, Thailand*

- India is among 48 countries whose citizens have been exempted from visa fees for tourism purposes by the ____ *Sri Lankan government*

- Who will allow women to obtain passports and travel abroad without approval from a male "guardian"? The regulation will be applicable to women over the age of 21 years. *Saudi Arab*

- The World Skills International Competition 2019 (Olympics for Skills) will be held in? *Kazan, Russia*

- The 4th South Asian Speaker's Summit will be held in? The theme of the event is "Achieving Sustainable Development Goals". *Male, Maldives*

- The Deep Ocean Mission (DOM) led by the Union Earth Sciences Ministry will commence from? The mission has received a go-ahead from the government. *31st October 2019*

- Who banned face-covering cloth (burqa or niqab) in public buildings and on transport as a contentious law on the garment came into force? *the Netherland*

- American carrier rocket Falcon 9 lifts off successfully the Israeli communication satellite into the orbit? *AMOS-17*

- India and Bangladesh have agreed to set up a Joint Technical committee for optimum utilization of ? *Ganges water*

- The US will impose an additional 10% tariff on 300 billion US Dollars in? *Chinese imports*

- Who has created the world's thinnest gold measuring just two atoms thick or million times thinner than a fingernail? *University of Leeds Scientists*

- Indian Railways has cancelled train after Pakistan suspended operations on its side? *Samjhauta Express*

- India and Russia to boost ties to achieve USD 30 billion bilateral trade by ? *2025*

- Iceland commemorated the loss of which glacier lost due to climate change? *"Okjokull"*

- Pakistan Prime Minister Office has announced how much extension of General Qamar Javed Bajwa's tenure as Chief of Army Staff? *3-year*

- President of Sri Lanka has appointed whom as 23rd Lieutenant Commander of the Sri Lankan Army. *General Shavendra Silva*

- Discovery India and World Wildlife Fund (WWF) India have partnered with the Forest Directorate, the government of West Bengal and local communities to preserve? *Sundarbans*

- Iran has unveiled which new missile defence system? *"Bavar- 373"*

- Who has launched the world's first floating nuclear reactor? This reactor is loaded with nuclear fuel. *Russia*

- South Korea has decided to remove which country from its preferred trade list because it has failed to uphold international principles while managing its export controls on sensitive materials. *Japan*

- Who is the new has been elected as new president of Guatemala? *Alejandro Giammattei*

- Newly-Discovered Kajin Sara Lake is located in which country? *Nepal*

- The U.S. Embassy in Nepal has organized a South Asia Air Quality Tech Camp to address political, social, and scientific facets of the problem in *Kathmandu*

- The International Cricket Council has named Michael Gough of England and _____ of the West Indies in the Emirates ICC Elite Panel of Umpires for 2019-20 season. *Joel Wilson*

- Name the African country with which India has signed MoUs to strengthen defence cooperation in the field of Hydrography. *Mozambique*

- In which city, Pakistan has opened a 1,000 year old Hindu temple for the first time since partition on the demand of the local Hindu community? *Sialkot*

- Name the Australian all-rounder who have become the first cricketer to reach the milestone of scoring 1000 runs and taking 100 wickets in the T20 format. *Ellyse Perry*

- Name the West African country to which India extended the assistance of USD 500,000 to support the skill development and cottage industry projects in the country. *Gambia*

- Foreign Ministers from South East Asia attended the 52nd ASEAN summit held in- *Bangkok*

- For promoting friendship and partnership between India and Guinea president Ram Nath Kovind has been awarded the National Order of Merit by the President of Guinea. What is the Capital of Guinea? *Conakry*

- French inventor Franky Zapata is 1st person in the history to cross the _____ on the jet-powered hoverboard. *English Channel*

- Which nation has extended ban on selling arms to Myanmar **European Union (EU)**

- Who has emerged as the third largest foreign direct investor in India during 2017-18, with investments pegged at about USD 2.67 billion across sectors. **The Netherlands.**

- Who has become the first national government to declare an environmental and climate emergency. **UK**

- A Japanese aerospace startup funded by a former internet maverick successfully launched a small unmanned rocket into space. **'MOMO-3'**

- According to ISRO, India's second lunar mission Chandrayaan-2 will be launched on between which dates. **9 and 16 July 2019**

- CSC e-Governance Services India Limited has tied up with IIT-Kanpur to upscale **Unnat Bharat Abhiyan**

- Microsoft has launched a software named to help countries ensure secure and verifiable voting. **Election Guard**

- The country has passed laws to combat fake news to order the removal of content despite fierce criticism from tech giants, the media and rights groups. **Singapore**

- The Australian flight carrier has operated the world's first zero-waste commercial flight from Sydney to Adelaide. **Qantas**

- The WTO ministerial meeting of developing countries held in. **New Delhi**

- Developing countries have stressed on working collectively to strengthen the World Trade Organization (WTO) to promote development and inclusivity for the benefits of all members **Seventeen**

- The U.S. FDA has announced to approve the first vaccine for dengue. **Dengvaxia**

- India has been unanimously chosen as co-chair of the Consultative Group (CG) of GFDRR for the fiscal year **2020**

- The Union Government has extended the ban on the Liberation Tigers of Tamil Eelam (LTTE) for another **five years**

- The three-day 'Taiwan Expo 2019' held in **New Delhi**

- US President Donald Trump has declared a national emergency to protect American computer networks from **Foreign adversaries**

- The CDAC in collaboration with **UNESCO**

- Who has broadened its block of online encyclopedia Wikipedia to include all language editions **China**

- Who has become the first country in Asia to legalize same-sex marriage **Tiwan**

- Israel proposes India to be the focus country in Jerusalem Film Festival, 2020 at **Cannes Film Festival**

- Which country has announced tariffs on all goods coming from Mexico in a bid to curb illegal immigration recently. **USA**

- Who has been sworn-in as the President of El Salvador recently. **Nayib Bukele**

- The US will end preferential trade status for next week, President Donald Trump has confirmed amid a deepening row over protectionism. **India**

- The World Health Organization has selected which government's Medical & Health Department for its award this year in recognition of its achievements in the field of tobacco control. **Rajasthan**

- Who has been named the world's first billionaire rapper by Forbes. **Jay-Z**

- Where was the 3rd Asian Leadership Summit held . **Thimphu, Bhutan**

- UAE's Federal Authority for Identity and Citizenship (ICA) has issued the which Golden Residence Permit in Abu Dhabi. **First**

- Which summit of the Organisation of Islamic Cooperation (OIC) held in Mecca, Saudi Arabia was hosted by Saudi King Salman bin Abdul Aziz Al Saud. **14th**

- The Sustainable Development Goals Gender Index has been developed by which based Equal Measures 2030. **UK**

- Which country has topped among 163 countries in the recently released Global Peace Index 2019. **Iceland**

- Who was elected as Prime Minister of Thailand. **Prayuth Chan-ocha**

- Which nation's researchers have developed a new type of cooling vest for sports athletes. **Japan**

- Who has been appointed as India's representative in the council of International Civil Aviation Organisation (ICAO). **Shefali Juneja**

- Ashleigh Barty becomes world No.1 women tennis player after winning the Birmingham Classic. She belongs to which country. **Australia**

- The US space agency has announced to launch a spacecraft in 2026 to explore the richly organic world of Titan. **NASA**

BANKING & FINANCE

- LIC of India has Recently launched a new term non-linked to policyholders in comparison to other insurance plans. What is the name of the Plan? *Jeevan Amar*

- India's central bank will set up a Central Payment Fraud Registry to monitor digital payments related frauds to provide customers with periodic aggregated data of risks associated with individual payments operators. *Reserve Bank of India*

- SBI Life Insurance and Indian Bank have entered into a Bancassurance pact to offer holistic financial planning solutions. *Banks customers*

- Who has launched new cyber insurance scheme for the customers, to safeguard their online bank account or of ATM Fraud *SBI General Insurance*

- Global payment and technology company launched a next-generation, mobile-first authentication solution. *Mastercard*

- Traders body Confederation of All India Traders has launched an initiative to accelerate acceptance of digital payments among merchants across the country. *Digi Vyapari-Safal Vyapari*

- RBL Bank and digital healthcare platform have partnered to launch an industry-first co-branded health credit Card powered by Mastercard. *Practo*

- According to National Payments Corporation of India, Aadhaar enabled Payment System has crossed the milestone transactions during July 2019. *Over 220 million (22 crores)*

- The Postal Department has decided to convert the India Post Payments Bank (IPPB) into. *Small finance bank (SFB).*

- The total gross revenue collected under Goods and Services Tax (GST in the month of July 2019) was. *Rs. 1,02,083 crores.*

- RBI has imposed a penalty ranging between one to two crore rupees on. *Seven public sector banks*

- Who has become the 1st Indian bank to link up with China's National Advance Payment System. *SBI*

- The Reserve Bank of India has announced that the National Electronic Funds Transfer (NEFT) facility will be available for the customers. *round-the-clock*

- India contributed to the UN Palestine refugee agency and called for ensuring sustained fiscal support for the organization work. *USD 5 million*

- RBI cuts repo rate by how much. *35 basis points*

- Private sector bank, RBL Bank and digital healthcare platform Practo have partnered to launch an industry-first co-branded health credit card. This credit card is powered by whom? *Mastercard*

- The transaction count of AePS stood by how much in july 2019? *220 million*

- Business-to-business payments startup EnKash has launched the country's first corporate credit card called? *'Freedom Card'*

- The Department of Economic Affairs will provide government guarantee of up to how much purchased by a bank from a stressed NBFC or HFC. *10% of the fair value of assets*

- Cab aggregator Ola announced acquihiring of Pikup.ai, an Artificial Intelligence startup based in which city? *Bengaluru*

- As per the latest RBI data, India?s forex reserves has reached the highest ever valuation of what? *$430.57 billion*

- India's first health-focused credit card has been launched by which bank? *RBL Bank*

- Reliance Jio has partnered with which tech company to offer cloud infra for businesses? *Microsoft*

- Jyske Bank, which has launched world's first negative interest rate mortgage, is associated to which country? *Denmark*

- RBI has relaxed norms for end-use of money raised through ECBs What does "C" stands for in ECB? *Commercial*

- Name the IT company which has announced the launch of its state-of-the-art Cyber Defence Center in Bucharest, Romania? *Infosys*

- Name the former RBI Deputy Governor and noted economist who passed away recently. He had the distinction of being the youngest RBI Governor. *Subir Vithal Gokarn*

- The postal department has decided to convert the India Post Payments Bank into a SFB What does SFB stands for? *Small Finance Bank*

- Name the first bank of India who recently get the license to do business in local currency. *SBI, Shanghai*

- Who has signed an agreement with Goods and Services Tax Network (GSTN) to facilitate the exchange of data to nab tax evaders and reduce black money generation. *Income tax department*

- India Ratings & Research (A Fitch Group Company) has lowered the country's growth forecast for the current fiscal to. *7.3%*

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NEW APPOINTMENT

- Who has been unanimously elected as the Speaker of the Karnataka Legislative Assembly? The post fell vacant after KR Ramesh Kumar resigned as the Speaker of the Assembly shortly after the BJP government won the trust vote.
  Vishweshwar Hegde Kageri

- Who has been nominated as a Director on the Central Board of Directors of Reserve Bank of India (RBI)? Currently, he is a Secretary in the Department of Economic Affairs, Ministry of Finance.
  Atanu Chakraborty

- The 22nd National Conference on e-Governance 2019 will be held at. The theme of the Conference is "Digital India: Success to Excellence". *Shillong*

- Former Intelligence Bureau officer was sworn in as the Governor of Nagaland. Acting Chief Justice of Gauhati High Court, Arup Kumar Goswami administered him the oath of office. *R N Ravi*

- Who has been sworn in as the Governor of West Bengal (28th). The Chief Justice of the Calcutta High Court Mr T.B Radhakrishnan administered the oath of office and Secrecy to him.
  Mr Jagdeep Dhankar

- Who has been appointed as interim CEO (Chief Executive Officer) and Director of HSBC. *Noel Quinn*

- Who has assumed charge as Managing Director (MD) and Chief Executive Officer (CEO) of LIC Housing Finance (LIC HFL)? He has replaced Shri Vinay Shah.
  Siddhartha Mohanty

- Congress Rajya Sabha MP resigned from the membership of the House.
  Bhubaneshwar Kalita

- Who has become new Managing Director (MD) and Chief Executive Officer (CEO) of Mindtree Ltd.
  S.N. Subrahmanyan

- Who has been appointed as Chairman and managing director (MD) of the State-owned Power Grid Corporation of India. Previously he was working as Director (Finance) in the Power Grid Corporation.
  Kandikuppa Sreekant

- Who has been appointed as the brand ambassador for the Chief Minister's Green Manipur Mission. She had planted two Gulmohar trees when she was in class 1 near the bank of a river in her locality.
  Valentina Elangbam

- Right-wing candidate has been elected as the new President of Guatemala. He defeated former First Lady Sandra Torres from the centrist National Unity of Hope party. *Alejandro Giammattei*

- Who has been appointed as the Finance secretary by the Appointments Committee of Cabinet? *Rajiv Kumar*

- Who has been appointed as the ombudsman and ethics officer of the Indian Federation of Sports Gaming (IFSG), country's self-regulatory industry body for the online fantasy sports gaming sector?
  Justice Arjan Kumar Sikri

- Name the theoretical physicist from India who has been appointed as the new director of Abdus Salam International Centre for Theoretical Physics (ICTP) in Trieste, Italy.
  Atish Dabholkar

- Name the IT Company who recently appoints Debashis Chatterjee as MD and CEO.
  Mindtree

- Reserve Bank of India has imposed a collective penalty of Rs 11 crore on 7 public sector banks. Which of the following bank are not under this penalty imposed by RBI for violating norms? *Canara Bank*

- Japan's new emperor has formally ascended the Chrysanthemum Throne (replacing his father) Akihito to whom. *Naruhito*

- Who has sworn-in as Israel's new Prime Minister.
  Benjamin Netanyahu

- Which Senior IAS officer has been appointed as the Officer on Special Duty (OSD) in the office of Lokpal.
  Dilip Kumar

- Who will head the Union Environment Ministries committee to implement the National Clean Air Programme (NCAP).
  Secretary, Union Environment Ministry

- Justice Shripathi Ravindra Bhat was sworn in as 36th Chief Justice of which High Court.
  Rajasthan High Court

- What is the name of Paytm President who has recently quit the company. *Bhushan Patil*

- Pakistani economist has been appointed as the governor of the State Bank of Pakistan (SBP) .
  Dr Reza Baqir

- Which country has appointed Faiz Hameed as the new Director General of the Inter-Services Intelligence (ISI). **Pakistan**

- Who has been appointed as the brand ambassador of Hero MotoCorp Ltd, recently. **Yerry Mina**

- Who has been sworn-in as the second Chief Justice of Telangana High Court.
  Raghvendra Singh Chauhan

- Who is the the chair person of SBI (State Bank of India).
  Rajnish Kumar

- Who has been appointed as the interim Chairman-Managing Director (CMD) of the government-owned BSNL (Bharat Sanchar Nigam Ltd.) for a period of three months. **Pravin Kumar Purwar**

- Who has been appointed as the chairman and managing director (CMD) of Bharat Heavy Electricals Limited (BHEL).
  Dr. Nalin Shinghal

- Who was taken over the charge as new Managing Director (MD) and CEO (Chief Executive Officer) of Indian Overseas Bank.
  Karnam Sekar

- Who has been reappointed as deputy governor of the Reserve Bank of India. **N.S. Vishwanathan**

- American economist will serve as interim leader of the International Monetary Fund (IMF)
  David Lipton

- Who has been elected Chairman of Microfinance Institutions Network (MFIN). **Manoj Kumar Nambiar**

- Rahul Gandhi officially resigned as.
  Congress President

- IMF Chief nominated as president of European Central Bank.
  Christine Lagarde

OBITUARIES

- The founder of cafe chain Cafe Coffee Day (CCD) has passed away. He served as the Chairman and Managing Director of CCD.
  V G Siddhartha

- Former legendary left-arm bowler passed away. He was Glamorgan's legendary left-arm bowler who took 993 first-class wickets in career between 1966 and 1983.
  Malcolm Nash.

- Veteran Gujarati journalist, author and columnist passed away in Mumbai. He worked as journalist, writer, columnist and editor in various Gujarati publications.
  Kanti Bhatt

- Cricket commentator passed away in Mumbai. He used to draw pictures of the game's progress on airwaves with his fine command of the English language.
  Anant Setalvad

- Veteran BJP leader and former External Affairs Minister passed away in New Delhi after suffering a massive cardiac Arrest.
  Sushma Swaraj

- Nobel laureate passed away following a short illness. Her most celebrated works are 'Beloved', 'Song of Solomon' and The Bluest Eye. **Toni Morrison**

- Recently the former Ethiopian president passed away in Germany.
  Dr Negasso Gidada

- Bollywood veteran director and actor Hrithik Roshan's grandfather passed away. **J Om Prakash**

- Singer-songwriter who formed the indie group 'Silver Jews' in the 1990s passed away. He also authored two books of poetry, 'Actual Air,' and 'The Portable February. **David Berman**

- WWE's professional wrestler passed away due to lung Cancer.
  Harley Race

- Noted freedom fighter who struggled against the British Government during the Quit India movement passed away.
  Dayanidhi Nayak.

- Ivorian musician passed away after getting involved in an ugly road accident. He was also named "Best Artist of the Year"
  Houon Ange Didier

- Senior advocate and former Additional Solicitor General passed away. In 2008, he won the award for "outstanding contribution for the development of scientific jurisprudence" on National Law Day. **Amarendra Sharan**

- Argentina's 1986 World Cup-winning defender passed away following a long battle with Alzheimer. **Jose Luis Brown**

- Noted Kannada theatre personality TV actor passed away in Bengaluru.
  Master Hirannaiah

- English American actor passed away at his North Texas home.
  Peter Mayhew

- What was the name of Prominent writer and academician passed away at a hospital.
  Maramraju Satyanarayana Rao

- Former billiards player, coach and administrator passed away in Mumbai. **Derek Sippy**

- The first chronicler of Partition passed away in Chandigarh.
  Prof. Kirpal Singh

- Father of Modern Legal Education has passed away.
  Prof N.R. Madhava Menon

- Noted novelist and Sahitya Akademi awardee passed away at his residence.
  Thoppil Mohamed Meeran

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AWARDS

- India's transsexual women has won the Miss World Diversity beauty pageant 2019 for third consecutive year? *Naaz Joshi*

- As part of centenary year celebrations of Dr Vikram Sarabhai, the ISRO has announced two categories of awards in? *Journalism*

- A team of researchers at the Indian Institute of Technology, Guwahati (IIT-G) has developed a portable device to detect bacteria without ? *Microbiological assays*

- The policy think tank of the government of India has launched the Fourth Edition of Women Transforming India (WTI) Awards ? *NITI Aayog*

- Indian Air Force's (IAF) Wing Commander has been honoured with Vir Chakra ? *Abhinandan Varthaman*

- India's TV journalists has won the 'Magsaysay award 2019' for his news show 'Prime Time'. *Ravish Kumar.*

- The first Indian chef has been awarded the Chevalier de l'Ordre du Mrite Agricoleto? *Priyam Chatterjee*

- Who has been conferred with the East Bengal's highest honor, 'Bharat Gaurav' ? *Kapil Dev*

- UK's capital has been named as the world's best city for students for the second consecutive year. *London*

- Renowned entrepreneur, co-founder and Director of Einfolge Technologies Pvt Ltd was awarded the prestigious Entrepreneur Award 2019. *Ruhan Rajput*

- According to the World Bank's Report, who has been pushed to the 7th place in the global GDP rankings in 2018. *India*

- Indian statue has been shortlisted for 'The Structural Awards 2019' of the UK-based Institution of Structural Engineers (IStructE). *Statue of Unity*

- Barcelona's Lionel Messi has been awarded which award for his free-kick against Liverpool. *UEFA's Goal of the Season award 2018-19*

- Tamil Nadu government has awarded Indian Space Research Organisation's chairman K. Sivan with which award? *Dr. A.P.J. Abdul Kalam Award*

- The Union Minister for Youth Affairs & Sports (I/C) conferred the National Youth Awards. The awards were conferred to 20 individuals whose age were? *aged between 15- 29 years*

- Who has been honoured with the Vir Chakra on Independence Day? *Abhinandan Varthaman*

- Who became the 1st Indian chef to be awarded the 'Chevalier de l? *Priyam Chatterjee*

- Which state won the "best innovation and initiative leadership award" for its achievements in higher education in the World Education Summit-2019. *Rajasthan*

- East Bengal club will award its highest honour "Bharat Gaurav" to which of the following sports personality on its 100th foundation day celebrations? *Kapil Dev*

- At the Biswa Bangla Convention Centre he has been honoured with the 27th Lifetime PC Chandra Puraskaar 2019. *Dr Devi Shetty Prasad*

- Thailand's King has been crowned with a golden-tiered headpiece, the highlight of an elaborate three-day coronation ceremony two years after he ascended the throne. *Maha Vajiralongkorn*

- Nepali danced dances continuously for 126 hours to set a Guinness World Records on "Longest Dancing Marathon by an Individual" *Bandana Nepal*

- He was the Former ISRO Chairman and was awarded with France's highest civilian honour. *A S Kiran Kumar*

- This Former Sri Lanka batsman has been appointed as the first non-British president of Marylebone Cricket Club (MCC) *Kumar Sangakkara*

- US President Donald Trump recently presented the Presidential 'Medal of Freedom' to which Golfer *Tiger Woods*

- Who has been honored as Lt. Gen. (retd) Jack Farj Rafael (JFR) Jacob, with a plaque on the Wall of Honour at the Ammunition Hill. *Israel*

- International event from the world of cinema Cannes Film Festival (72nd edition) has begun in. *France*

- US President Donald Trump has declared a national emergency to protect American computer networks from *foreign adversaries*

- The Chinese Ministry of Education organized the 'Conference on Asian Civilizations Dialogue (CDAC)' in collaboration with *UNESCO*

- Who has broadened its block of online encyclopedia Wikipedia to include all language editions *China*

BOOKS & AUTHORS

- Union Minister of State (Independent Charge) for Culture and Tourism, Shri Prahlad Singh Patel launched the which Book at the function at the Nehru Memorial Museum and Library.

  Book "Diary of Manu Gandhi' (1943-44)

- The Book titled 'Kashmir's untold story: Declassification' The book is published by publishers?

  Bloomsbury

- Penguin Random House India announced a book on the life of the actor, Sridevi titled "Sridevi: Girl Woman Superstar" The book is released on her which birth anniversary? The book is written by author-screenwriter Satyarth Nayak. *56th birth anniversary*

- Vice President Shri Venkaiah Naidu released a Which book of his two years in office? *"Listening, Learning and Leading"*

- What is the name of the book titled in Tamil language? It refers the life and work of Dravida Munnetra Kazhagam (Dravidian Progressive Conference) (DMK) leader Late M Karunanidhi, the former Tamil Nadu chief minister launched by K Veeramani, president of Dravidar Kazhagam in Chennai, Tamil Nadu.

  'Oru Manidhan Oru Iyakkam Kalaignar Mu. Karunanidhi'

- What is the name of Omani writer wins Man Booker literature prize.

  Jokha Alharthi

- What is the name of the author of the book Upon A Burning Throne.

  Ashok K. Banker

- The book "My Life, My Mission" is the autobiography of.

  Baba Ramdev

SPORTS

- Name the former Indian player and Andhra Ranji captain who has announced his retirement from all forms of cricket.

  Y. Venugopal Rao

- The International Cricket Council has named Michael Gough of England and _____ of the West Indies in the Emirates ICC Elite Panel of Umpires for 2019-20 season. *Joel Wilson*

- Name the Indian cricketer who has been suspended recently by Board of Control for Cricket in India for a doping violation.

  Prithvi Shaw

- Name the Australian all-rounder who have become the first cricketer to reach the milestone of scoring 1000 runs and taking 100 wickets in the T20 format.

  Ellyse Perry

- East Bengal club will award its highest honour "Bharat Gaurav" to which of the following sports personality on its 100th foundation day celebrations? *Kapil Dev*

- Name the Soccer player who recently suspended by the Soccer body CONMEBOL for 3 months.

  Lionel Messi

- Formula One driver Lewis Hamilton hunted down Max Verstappen to win the Hungarian Grand Prix. *Mercedes*

- The International Cricket Council has launched the inaugural World Test Championship thus setting the stage for a long tournament in red-ball cricket to determine the World Test Champion. The finals of the World Test Championship will held in-? *United Kingdom*

- Name the former Glamorgan's legendary left-arm bowler who passed away recently.

  Malcolm Nash

- Cricket commentator_____ who used to draw pictures of the game's progress on airwaves with his fine command of the English language passed away.

  Anant Setalvad

- Name the South African bowler who has recently announced his retirement from Test cricket.

  Dale Steyn

- Name the Indian wrestler who has won gold medal in the women's 53kg category event at Poland Open wrestling tournament held in Warsaw. *Vinesh Phogat*

- Name an Indian off-spinner who has been named as Professional Cricketers Association's Player of the month of July 2019.

  Ravichandran Ashwin

- Name the German cancer researcher who won the mixed annual Cycling event "Transcontinental Race".

  Fiona Kolbinge

- Name the tennis star who topped the List Of Highest-Paid Female Athletes 2019 published by Forbes. *Serena Williams*

- Name the Australian tennis star who defeated Russia's Daniil Medvedev has to won the ATP Washington Open title. *Nick Kyrgios*

- Name a professional wrestler who won numerous individual and tag-team titles in the 1960s, 1970s and 1980. *Harley Race*

- Name the Cricket board which has announced new transgender inclusive policy. *Cricket Australia*

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- Name the South African batsman who has retired from all formats of international cricket and has played 124 Tests, 181 ODIs and 44 T20Is between his 15-year-long cricketing career. *Hashim Amla*

- Which team defeated Dabang Delhi in the finals by 8-1 to win the Ultimate Table Tennis league? *Chennai Lions*

- Which player has been been awarded the UEFA's Goal of the Season award for 2018-19? *Lionel Mess*

- Name the tennis star who defeated Russian Daniil Medvedev by 6-3, 6-0 recently to win in Montreal to win 35th Masters crown. *Rafael Nadal*

- Name an Indian wrestler who defeated Iran's Peiman Bibyani by 2-0 in the 65 kg final of the men's freestyle competition to win gold. *Bajrang Punia*

- Name an Indian Badminton star who defeated Singapore's Loh Kean Yew in final clash. *Sourabh Verma*

- Name the tennis star who won the Rogers Cup tennis tournament 2019 held in Toronto, Canada. *Bianca Andreescu*

- Who is Union Minister for Youth Affairs & Sports (I/C)? *Kiren Rijiju*

- Name the gymnast who made history after performing the perfect landing which featured "two flips and three twists". *Simone Biles*

- Name the Netherlands' most-capped player who represented the country 134 times and announced his retirement from football recently. *Wesley Sneijder*

SCIENCE & TECH

- Which country launched life-size humanoid robot called Fedor to International Space Station (ISS)? *Russia*

- NASA's MMS mission took first high-resolution measurements of an interplanetary shock. These shocks are made of particles and electromagnetic waves launched by? *Sun*

- Who has finalized India's first National Essential Diagnostics List. *Indian Council of Medical Research (ICMR)*

- India's first Central Institute of Chemical Engineering & Technology will be set up at? *Gujarat*

- Researchers from IIT Kharagpur have developed a low-cost diagnostic device which can perform various pathological tests by using blood taken from ? *fingerprick*

- ISRO has decided to setup Space Situational Awareness Control Centre in which city? *Bengaluru*

- India's first large-scale trial for VPM1002 & Immuvac is related to which disease? *TB*

- Who is set to be the first woman president of the Indian National Science Academy (INSA)? *Chandrima Shaha*

- SUPRA Scheme, which is in news recently, is associated to which field? *Science & Technology*

- Name the all-weather tracked-chassis Quick Reaction Surface-to-Air Missile which was recently launched by DRDO of the Integrated Test Range at Chandipur in Odisha.? *QR-SAM*

- As per the Cabinet's approval, where would ISRO set up its new unit "ISRO Technical Liaison Unit (ITLU)" which will support the ongoing bilateral programmes of cooperation in space technology and will act on behalf of ISRO? *Moscow, Russia*

- Which technological institution has developed eco-friendly solar cells using with the help of 'kumkum dye'? *IIT Hyderabad*

- Bureau of Indian Standards (BIS) will set up a Pashmina testing centre in partnership with the Ladakh Autonomous Hill Development Council (LAHDC) in. *Leh*

- Name the city where Isro has set up a directorate of space situational awareness and management aiming at protecting high valued space assets from space debris close approaches and collisions. *Bengaluru*

- Name the IIT institute where recently Human Resources Development Minister inaugurating Technology Expo? *IIT Delhi*

- The Union Government has asked state transport departments to ensure that all battery-operated vehicles (both existing and new) have number plates *Green*

- The Govt of India has signed a MoU with IIT for setting up a Centre of Excellence for Waste to Wealth Technologies, to commemorate the 150th birth anniversary of Mahatma Gandhi. *IIT Delhi*

- 'NASA' revealed its plan to hit a small moonlet target in a double asteroid system with a spacecraft in. *2022*

- What is the name of metro that has became India's 1st Project to Receive Power From Waste-To-Energy. *Delhi Metro*

- The Hypersonic Technology Demonstrator Vehicle is an unmanned scramjet demonstration vehicle that can cruise up to a speed of mach 6 and rise up to an altitude of how much km in 20 seconds. ***32 km***

- Social networking giant Facebook has picked up a minority stake in which social-commerce company in its first startup investment in India. ***Meeshi***

- As per announcement by ISRO chief K Sivan, in which year India is planning to launch its own Space Station. ***2030***

- Which department has partnered with Cisco & Accenture for skilling programme. ***Directorate General of Training***

- At which mountain, Scientists from National Geographic Society and Tribhuvan University have installed two highest weather stations in the world. ***Mount Everest***

- The World Elder Abuse Awareness day is observed on 15 June every year. The theme of 2019 World Elder Abuse Awareness is. ***Lifting Up Voices***

- The Centre is demanding for fingerprinting of messages to trace the origin of all content shared through it. ***WhatsApp***

- Which country will host the COP-14 of UNCCD. ***India***

- India's first fully electric motorbik was unveiled recently. It was named as. ***Revolt RV 400***

- NASA plans to shut down which telescope in January 30, 2020. ***Spitzer Space Telescope***

- How many incubators are set for startups in the information and communications technology space across India. ***51***

DEFENCE

- The 2019 Indo Pacific Chiefs of Defence (CHOD) Conference will be held in Thailand's which capital city ? ***Bangkok***

- Who delivered the design of the newly innovated Mobile Metallic Ramp (MMR) to the Indian Army at a ceremony held in New Delhi. ***DRDO***

- Indian Coast Guard held a High-Level Meeting (HLM) with which countries Coast Guard at Coast Guard Headquarters.Indian side led by Director General, Coast Guard K Natarajan. ***Sri Lanka Coast Guard***

- Indian Army team comprehensively won which Competition? ***5th Army International Scout Masters Competition***

- Who launched a fifth Fast Patrol Vessel (FPV) for the Indian Coast Guard (ICG)? ***Garden Reach Shipbuilders and Engineers (GRSE)***

- Jamia Millia Islamia, the public central university to unveil a model of the Indian naval ship INS Kolkata at the University on 15 August, the Independence day is at which Place? ***New Delhi***

- The Prime Minister Narendra Modi has announced the creation of which post on 15 August. ***Chief of Defence Staff (CDS)***

- The Indian Army launched which mission in Jammu to ensure basic necessities and essential services are available in the region post the abrogation of the provisions of Article 370 and reorganisation of Jammu and Kashmir. ***"Mission Reach Out"***

- Which Shipyard has launched two ro-pax vessels on 8 August? ***Cochin Shipyard***

- Which States Home Minister Bamang Felix flagged of Five Anti-Riot police vehicle.It is known as 'Vajra'.This is the first set of anti-riot vehicles introduced in the state police department. ***Arunachal Pradesh***

- DRDO successfully test-fired an indigenously developed QRSAM from a mobile truck-based launch unit from the Integrated Test Range (ITR) in? ***Chandipur, Odisha***

- The Indian Air Force launched an IAF's facilitation-cum-publicity pavilion in? ***Delhi***

- Union Home Ministry has fixed the retirement age of all Central Armed Police Force personnel at how much year? ***60 years***

- India has signed a deal worth around Rs 1,500 crore with which country to acquire R-27 air-to-air missiles to be equipped on the Su-30 MKI combat aircraft? ***Russia***

- Name the Indian Air Force Wing Commander who has become the first Indian Air Force pilot to perform a wingsuit skydive jump. ***Tarun Chaudhri***

- The first part of the Indo-French joint naval exercise has begun at Goa coast ____ ***Varuna 19.1***
- Kolkata-based defence shipyard signed an Rs. 6,311-crore contract with the Defence Ministry to build eight anti-submarine warfare shallow watercraft for the Indian Navy. ***Garden Reach Shipbuilders & Engineers.***

IMPORTANT DAYS

- Freedom fighter and the designer of the flag on which the Indian national flag was based was born on this day in 1876. ***Pingali Venkaiah***

- The "Aadi Perukku" festival (or Aadi monsoon festival) was celebrated in. ***Tamil Nadu***

- Japan marked the 74th anniversary (6th August) of the atomic bombing of. ***Hiroshima***

- The Women and Child Development Ministry are observing the World Breastfeeding Week on. ***1-7th August***

- The International Day of the World's Indigenous People is being observed each year on. The theme of this year is 'Indigenous Languages'. ***9th August***

- The National Handloom Day (5th) is being observed annually on. ***7th August***

- World Biofuel Day is observed every year on. ***10th August***

- The World Elephant Day (WED) is celebrated every year on. ***12th August***

- The International Youth Day (IYD) is observed every year on. ***12th August***

- The festival of sacrifice is being celebrated with religious fervour and gaiety across the country. The faithful will offer Eid prayers in Eidgahs and mosques. The festival is an ode to the virtues of devotion, faith and sacrifice and inspires feelings of brotherhood,compassion and unity. ***Eid-ul-Azha.***

- What is the theme of the 2019 edition of International Youth Day (IYD)? ***Transforming education***

- Lalit Kala Akademi celebrates which edition of his Foundation Day in this year? ***65th***

- First Sunday of August is celebrated as: ***Friendship Day***

- 4 August is observed to honour the establishment of the Revenue Marine on U.S .It is celebrated as ***Coast Guard Day***

- Hiroshima Day is the day when atomic bomb was dropped on the Japanese city of Hiroshima.It is observed on ***6 August***

- International Youth Day is celebrated on_____around the globe to focus on the development and protection of youth in the society. ***12 August***

- Quit India Movement is observed on: ***8 August***

- International Day of World's Indigenous Peoples is celebrated on: ***9 August***

- On which date U.S dropped a bomb named 'Fat Man' on Japan ***9 August, 1945***

- International Lefthanders Day is celebrated on: ***13 August***

- World Photography Day is observed on: ***19 August***

- To commemorate the memory of late Prime Minister Rajiv Gandhi on which day Sadbhavna Diwas is observed? ***20 August***

- World Mosquito Day is observed on ____ of every year. ***20 August***

- National Sports Day is celebrated on 29 August every year to honour the birthday of ***Dhyan Chand a field hockey player***

- Every year Malaysia National Day is celebrated on ***31 August***

- 26 August is celebrated as: ***Women's Equality Day***

- The 'International Labour Day' is being celebrated every year on. ***1st May***

- Two states are celebrating 60th foundation day on 1st May 2019. ***Gujarat &Maharashtra***

- The 'World Press Freedom Day' is being observed every year across the world on. ***3rd May***

- The World Laughter Day is being observed worldwide every year on the first of which Month. ***Sunday of May***

- The World Asthma Day is being celebrated every year on the which Tuesday of May. ***first Tuesday of May***

- The 'World Red Cross Day' is observed annually on. ***8th May***

- The birth anniversary of Gurudev Rabindra Nath Tagore is being celebrated all over West Bengal ***158th***

- Fifth United Nations (UN) Global Road Safety Week is being held from. ***6 to 12 May 2019***

- The 'National Technology Day' is observed every year in India on. ***11th May***

- The World Migratory Bird Day (WMBD) is being observed across the world on the. ***11th May (2nd weekend in May)***

- The International Nurses Day (IND) is an international day celebrated around the world on. ***12th May***

- Mother's Day is celebrated on 12th May 2019. ***2nd Sunday of May.***

- The International Day of Families is observed every year on. ***15th May***

- The Government of India (GoI) has declared National Dengue Day to mark the toll from the deadly disease 'Dengue'. ***16th May***

GS SPECIAL

INDIAN POLITY

- When was the Madras State renamed Tamil Nadu? *1969*
- Which country has the briefest Constitution in the world? *USA*
- In which year was the first no confidence motion moved in the Lok Sabha after independence? *1963*
- The power to decide an election petition is vested in the *High courts*
- The power to prorogue the Lok Sabha rests with- the president
- The power of Supreme Court of India to decide the dispute between the centre and states falls under its- *original jurisdiction*
- The Nagaland State of India cannot be termed as a state because it lacks *sovereignty*

ECONMICS

- Which is the oldest stock exchange in the world? *Amsterdam Stock Echange*
- Who wrote the book 'Planned Economy for India'? *M. Visvesvaraya*
- When was the Rolling plan designed? *1978-83*
- How many country are represented in International Monetary Fund (IMF)? *189*
- Companies pay corporation tax on their__? *Incomes*
- Gilt-edged means__? *Market of govt. securities*
- Short-term finance is usually for a period ranging up to? *12 months*

AGRICULTURE

- A crop which does not show saturation even in full sunlight? *Rice*
- Advances in Agronomy' is published by? *American Society of Agronomy*
- Bacteria responsible for conversion of Nitrite to Nitrate? *Nitrobactor*
- African Tall' is a variety of ? *Maize*
- Bitterness in groundnut is due to? *Aflatoxin*
- Acidic soil are reclaimed with the use of? *Lime*
- Evapotranspiration rate increase due to? *Convection*

HISTORY& CULTURE OF INDIA

- Which among the following Kavya of Sanskrit, deal with court intrigues & access to power of Chandragupta Maurya? *Mudrarakshahsa*
- Who was the first Indian ruler who had territory outside India? *Kanishka*
- Who was the main male God worshipped by Indus people? *Lord Vishnu*
- Who was the ruler of the kingdom between the rivers Jhelum and Chenab? *Chandragupta Maurya*
- The National Song of India was composed by- *Bankim Chandra Chatterji*
- Who composed the famous song 'Sare Jahan SeAchha'? *Mohammad Iqbal*
- Kalchakra ceremony is associated with which of the following ceremonies? *Buddhism*

GEOGRAPHY

- Which geographical term related with the "piece of sub-continental land that is surrounded by water"? *Island*
- Which is the largest Archipelago in the world? *Indonesia*
- Which is the world's largest peninsula? *Arabia*
- Which water bodies is the home of Lakshadweep? *Arabian Sea*
- Where is the Loktak Lake situated? *Manipur*
- Which rivers is not part of 'Panchnad'? *The Indus*
- Which places receives the highest rainfall in the world? *Mawsynram*

ENVIRONMENT

- Which of the following animal found in Tropical Evergreen Forest? *Monkey*
- Which of the following living creature known for the loudest sound? *Humpback Whales*
- Who among the following explain the concept of Biodiversity 'hotspots'? *Norman Myers*
- What was the time period of Indus Civilization / Harappan Civilization? *2500 BC - 1750 BC*
- Which one of the following was an important Port of the eastern coast during Gupta period? *Tamralipti*
- The temple of Konark was built by Narasimha of the- *Ganga Administration*
- Aryabhatta, believed to have been born in the 5th century AD, was a most renowned scholar of- *Astronomy*

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AWARDS

AUGUST 2019

MISS DEAF WORLD 2019 TITLE

- 21 year old VidishaBaliyan from Muzaffarnagar,Uttar Pradesh became the firstIndian, crowned Miss Deaf World 2019 which was held in Mbombela, South Africa. S
- he is a former International tennis player who represented India in the Deaflympics.
- Vidisha Balyan from Uttar Pradesh wins Miss Deaf World 2019 title Mr. Deaf World 2019 was won by South Africa's Phumelela Mapukata

"CHAMPIONS OF EMPATHY AWARD" FOR SPREADING AWARENESS ABOUT HEPATITIS

- DD News(Doordarshan), a 24*7 terrestrial cum satellite News Channel of India has awarded "Champions of Empathy Award" for spreading awareness about hepatitis.
- Mayank Agrawal, Director General of DD News has received the Award from Lok Sabha Speaker Om Birla.
- Agrawal stated that it is the responsibility of DD News to aware people about various diseases and preventives by showing health-related programs, reports, and policies that help to spread awareness towards health in society.

DINESH TIWARI CONFERRED WITH SOCIETY GLOBAL INDIAN ICON AWARD 2019

- Bollywood's Advocate Dinesh Tiwari was conferred with 'The Society Global Indian Icon Award 2019?, for his excellence in the field of law at an event hosted in London by the Society Magazine. He was presented the award by Gopichand Hinduja in presence of Shabana Azmi and Javed Akhtar who were the Chief Guests of the event.

2019 RAMON MAGSAYSAY AWARD WON BY RAVISH KUMAR FOR JOURNALISM

- India's senior executive editor of NDTV was awarded 2019 Raman Magsaysay Award which is regarded as the Asian version of the Nobel Prize. Five other individuals were declared winners of this award along with Ravish Kumar.
- The winners will be awarded with a certificate and a medallion with the image of Ramon Magsaysay on August 31,2019

ISRO CHAIRMAN K.SIVAN CONFERRED WITH A.P.J. ABDUL KALAM AWARD

- Indian Space Research Organisation (ISRO) Chairman K Sivan awarded the Dr APJ Abdul Kalam Award by the Tamil Nadu government. Kailasavadivoo Sivan, who led ISRO's successful launch of Chandrayaan-2 mission receive the award in person receive it from Chief Minister K Palaniswami.

- The award is given in recognition of his stellar work in promotion of science and technology.The Kalam award is to honour those who work for promoting scientific growth, humanities and students' welfare. The award carries 8 gm gold medal, Rs. five lakh in cash and a citation.Mr Sivan's leadership led to the historical achievement of most successful GSLV flight with indigenous cryogenic stage.
- Mr Sivan to receive the award at the Independence Day celebrations at Fort St George in Chennai.The Kalam's birthday (October 15) will be observed as "Youth Renaissance Day." The first Kalam award was presented by Jayalalithaa in 2015 to ISRO scientist N Valarmathi and it is given on Independence Day every year.

PRIYA JAIN FACILITATED WITH "INDIAN WOMEN OF INFLUENCE" AWARD

- Social entrepreneur philanthropist and eminent fashionista Priya Priyadarshini Jain was conferred with the prestigious "Indian Women of Influence" award at the House of Lords, The United Kingdom Parliament, London. Priya Priyadarshini Jaini.
- She was also one among the others featured in the coffee table book on '50 most influential Indian women worldwide' featuring top indian women like former Indian president PartibhaPatil, Nita Ambani, MP Caroline, HemaMalini, Shilpashetty.

TOURISM MINISTRY WINS PATA GOLD AWARD 2019

- The Ministry of Tourism's campaign, "Find the Incredible you" has won the Pacific Asia Travel Association (PATA) Gold Award 2019 under the "Marketing - Primary Government Destination" category.

- Aim: The campaign which focuses on digital and social media and the promotion of niche tourism products of the country won the award among 198 entries from 78 organizations and individuals worldwide.

GULLY BOY' WINS HEARTS IN SOUTH KOREA, AWARDED AT BUCHEON FILM FESTIVAL

- Film-maker Zoya Akhtar's directorial 'Gully Boy' has won the Network for the Promotion of Asian Cinema (NETPAC) Award at the 23rd Bucheon International Fantastic Film Festival (BIFAN) in South Korea.

- NETPAC Jury Committee, comprised of NETPAC members and film professionals, select the best Asian Film from World Fantastic Blue section, which features newer genres and varied stories of comedy, fantasy and drama, read a statement.

- 'Gully Boy', which features actors Ranveer Singh and Alia Bhatt, is based on the lives of street rappers. The film has performed well in the Indian and overseas market.

NALCO TO GET PRESIDENT'S AWARD FOR EXCELLENT CSR

- National Aluminium Company Limited has been selected for President's award for utilisation of Corporate Social Responsibility fund in social development.

- NALCO started a scheme "Aliali Jhia" in 2015 to promote the education of Girls of BPL families. NALCO is an Odisha based Navaratna Company.

SANGITA KALANIDHI AWARD: CARNATIC VOCALIST S. SOWMYA WINS.

- Noted Carnatic vocalist S. Sowmya won the 2019 Sangita Kalanidhi award of Music Academy. She will preside over 93rd annual conference of Academy to be held between 12 December 2019 and 1 January 2020. She along with other awardees will be conferred with the awards during the Sadas of Madras Music Academy on 1 January 2020.

MARK TULLY PRESENTED THE LIFETIME ACHIEVEMENT AWARD

- Veteran British journalist Sir Mark Tully awarded as the Lifetime Achievement Award

- The award was provided in order to recognize his contributions to the IJK-India relationship.

- The annual UK-India Awards honors special talents and organizations which are worldwide influenced. The 2019 UK-India Awards marked the conclusion of the annual LJK-India Week in London.

SUDARSAN PATTNAIK WINS PEOPLE'S CHOICE AWARD IN U.S.

- Renowned Indian sand artist and Padma Awardee Sudarsan Pattnaik has won People's Choice Award at a prestigious sand sculpting festival in United State.

TIFF 2019: MERYL STREEP WINS TRIBUTE ACTOR WARD.

- Veteran actor Meryl Streep will be honoured with Tribute Actor award at 2019 Toronto International Film Festival (TIFF). She will receive award in person on 9 September 2019 during TIFF's Tribute Gala, a festival fundraiser. She will be 1st-ever recipient of TIFF Tribute Actor Award.

USTAD BISMILLAH KHAN YUVA PURASKARS FOR 2018 ANNOUNCED

- Sangeet Natak Akademi,National Academy of Music dance & Drama,has announced 2018 Ustad Bismillah Khan Yuva Puraskars for artists below 40 years age.

- The Artist selected for Yuva Puraskar 2018 in field of :

  Music : 8 recepints

  Dance : 8 recepints

  Theatre :7 recepints

  Traditional/Folk/Tribal Music and Puppetry : 8 recepints

JUNE 2019

MAHINDRA WINS GOLD AWARD IN SOUTH AFRICA

- The automobile Giant Mahindra Group won the Gold Award in South Africa. It clinches the top spot among 29 vehicle brands for the award.
- Mahindra Group received the Gold award from National Automobile Dealers Association (NADA).
- Satisfaction among its dealers and being fair and responsive in the way allocated vehicles to its dealers gave the Mahindra group at the top honor.
- It has 60 dealers in South Africa.

PRIYANKA CHOPRA AWARDED DANNY KAYE HUMANITARIAN AWARD BY UNICEF

- Indian actress Priyanka Chopra was selected for "Danny Kaye Humanitarian Award" by United Nations International Children's Fund's (UNICEF) American chapter.
- She will be presented with this award at UNICEF American chapter's Snowflake Ball which is to be held in December 2019 in New York.
- She is the National and Global UNICEF Goodwill Ambassador for Child Rights in 2010 and 2016, respectively.
- She was part of United Nation's global "Girl Up" Campaign.In India, she is also associated with several NGOs (Non-governmental organizations) to raise awareness about ways to improve the education, health and safety of girl child in India.

FOUR INDIAN MOVIES SELECTED TO BE SCREENED AT SOUTH KOREA'S FILM FESTIVAL 2019

- Among 288 movies from over 29 countries, four Indian movies to be screened at the Bucheon International Fantastic Film Festival 2019.
- The Bollywood movies which will be screened include Gully Boy, Andhadhun and Manikarnika: The Queen of Jhansi and one Tamil movie which will be screened is Super Deluxe.
- Gully Boy, Andhadhun, Manikarnika & Super Deluxe selected for Bucheon International Fantastic Film Festival

DR GAURAV NIGAM CONFERRED WITH THE 'INNOVATIVE RESEARCH EXCELLENCE AWARD 2019'

- A well-known educationist, pediatrician and author, Dr Gaurav Nigam was conferred with the 'Innovative Research Excellence Award 2019' by Lyonpo Ugyen Dorji, Minister for Labour and Human Resources of Bhutan at the Asian Leadership Summit held at Thimphu, Bhutan.
- He was conferred this award for his excellence in school education on the basis of his excellent performance, splendid achievement and outstanding contribution towards the innovative development and research activities in the field of school education in South Asian Region. He is the author of the book titled 'Devil Inside My Mind'.
- The event was organized by Global Leaders Foundation.

LEWIS HAMILTON WINS MONACO GRAND PRIX

- Lewis Hamilton won the Monaco Grand Prix to extend his championship lead over Mercedes teammate Valtteri Bottas. Hamilton struggled with grip in the latter stages and was under constant pressure from Red Bull's Max Verstappen.
- But Verstappen had earlier picked up a five-second time penalty. So even though he finished just behind Hamilton, Verstappen was fourth overall behind Bottas in third and Ferrari's Sebastian Vettel in second.

MALDIVES TO CONFER ITS HIGHEST AWARD NISHAN IZZUDDIN ON PRIME MINISTER NARENDRA MODI

- Shri Narendra Modi is conferred with Maldives highest award 'Nishan Izzuddin'.
- The main aim of the visit is to further cement ties with the Indian Ocean archipelago.
- Earlier, Prime Minister Modi and President Solih held delegation-level talks as the two countries signed a slew of agreements to strengthen bilateral ties in a number of key areas including defence.
- His last was in November 2018 to attend President Solih's swearing-in, this visit is the first by an Indian prime minister at a bilateral level in eight years.

NEW APPOINTMENTS

AUGUST 2019

ATISH DABHOLKAR, APPOINTED AS NEW DIRECTOR OF ICTP, ITALY
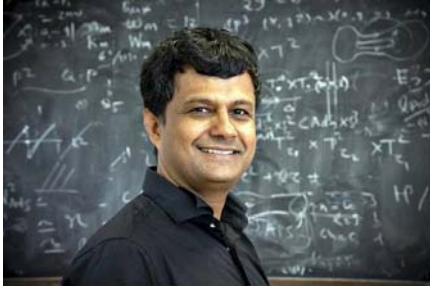
- Atish Dabholkar(56), an Indian theoretical physicist fromKolhapur, Maharashtra has been appointed as the new director of Italy based International Centre for Theoretical Physics (ICTP) for a five year term starting in November 2019 with the rank of Assistant Director-General of the United Nations Educational, Scientific and Cultural Organization (UNESCO). He succeeds Fernando Quevedo, who has led the centre since 2009.

GURUPRASAD MOHAPATRA TAKES CHARGE AS SECRETARY OF DPIIT

- Guruprasad Mohapatra(an IAS Officer of 1986 batch) assumed charge of the office of Secretary, Department for Promotion of Industry and Internal Trade (DPIIT) in New Delhi. He served as chairman of the Airports Authority of India (AAI), a statutory body working under the Ministry of Civil Aviation, where he brought many changes in AAI's strategic operations.

R N RAVI TOOK CHARGE AS 20TH GOVERNOR OF NAGALAND

- On August 1, 2019, RN Ravi(A 1976-batch Indian Police Service officer of the Kerala cadre,), a former Intelligence Bureau(IB) officer was sworn in as the 20th governor of Nagaland.
- Ravi, who is the interlocutor for the central government for the Centre-Naga peace talks.
- He played a key role in the signing of the Framework Agreement between the Indian government and the National Socialist Council of Nagalim Isak-Muivah(NSCN-IM).
- Ravi was appointed as Nagaland Governor by President Ram Nath Kovind on July 20, 2019.
- He was worked closely with National Security Advisor Ajit Doval during the Doval's stint in the Intelligence Bureau(IB).

JAGDEEP DHANKAR TAKES OATH AS WEST BENGAL GOVERNOR

- Jagdeep Dhankhar a former Lok Sabha Member of Parliament (MP) from Jhunjhunu, Rajasthan. He is a supreme court lawyer sworn in as the 28th governor of West Bengal.
- The function carried out at the Raj Bhavan, Kolkata.The function in the presence of Chief Minister Mamata Banerjee, state ministers, including urban development minister Firhad Hakim and finance minister Amit Mitra, and other dignitaries. He was administered oath by the Chief Justice of Calcutta High Court TBN Radhakrishnan. He succeeded Keshari Nath Tripathy.

IAS RAJIV KUMAR APPOINTED AS NEW FINANCE SECRETARY

- A 1984-batch IAS officer from Jharkhand cadre, Rajiv Kumar was appointed as the new Finance Secretary.

INDIA SIGNS MOUS WITH BENIN

- India and Benin signed four MoUs on education, health and e-visa facilities.
- The signing of the agreement on mutual exemption of visa requirement for holders of diplomatic and official passports and agreement on the fresh line of credit of 100 million US dollars by India to finance development projects in Benin.
- Benin also extended its support for India's candidature for permanent membership of UN Security Council.

INDIA'S NAAZ JOSHI WON MISS WORLD DIVERSITY 2019

- Naaz Joshi made the country proud with a third successive victory in the beauty pageant Miss World Diversity. She competed against 14 other international co ntestants in Mauritius.
- She dressed up in blue lehenga and choli and portrayed herself as the powerful Indian Goddess, who stands for 'shakti' - the feminine source of power and women empowerment.
- She is a resident of Malviya Nagar, New Delhi. She was sent to her relative's house in Mumbai.

JULY 2019

KALRAJ MISHRA APPOINTED THE GOVERNOR OF HIMACHAL PRADESH

- President Ram Nath Kovind has appointed Kalraj Mishra as the Governor of Himachal Pradesh.
- Acharya Devvrat has been transferred from Himachal Pradesh and appointed as the governor of Gujarat.

CHANDRAKANT KAVLEKAR SWORN IN AS THE NEW DEPUTY CM OF GOA

- Chandrakant Kavlekar to be the new Deputy Chief Minister of Goa. He will replace Vijai Sardesai as the deputy chief minister of Goa.
- Kavlekar is also known as Chandrakant 'Babu' Kavlekar. He is an Indian Politician from the state of Goa. He is a four term member of the Goa Legislative Assembly. On 11 July 2019 he left Indian National Congress and joined Bharatiya Janata Party.

SHAH RUKH KHAN WILL BE FELICITATED WITH AN HONORARY DOCTORATE

- In recognition of the contributions and efforts towards underprivileged children, women's empowerment through Meer Foundation and for the achievements in the Indian entertainment industry, Shah Rukh Khan, the Bollywood actor, will be felicitated with an Honorary Degree, Doctor of Letters (honoris causa) from Melbourne-based La Trobe University at the 10th edition of Indian Film Festival of Melbourne (IFFM) at Bundoora, Australia.

JUSTICE AK SIKRI APPOINTED AS THE JUDGE OF SICC

- The President of the Republic of Singapore Halimah Yacob appointed Justice AK Sikri, the former judge of the Supreme Court, as an international judge of the Singapore International Commercial Court (SICC) with effect from August 1, 2019. His term will expire on January 4, 2021. At present, SICC has 16 international judges. AK Sikri.
- He retired as a Supreme Court judge on March 6, 2019. He also served as Chief Justice of the Punjab & Haryana High Court, and Acting Chief Justice of the Delhi High Court. He was appointed as a judge of the Delhi High Court in 1999.
- Recently, he was appointed as the Chairperson of the News Broadcasting Standards Authority NBSA) by the News Broadcasters Association (NBA).

KRISHNA SAKSENA IS THE AUTHOR OF THE BOOK 'WHISPERS OF TIME'

- The book titled 'Whispers of Time' has been authored by Dr Krishna Saksena. The story witnesses three generations in the author's long life of 90 years in which she found a great difference.
- The series of events are developed in a powerful manner that makes the novel both real and revealing.
- The book has recently unveiled by Smriti Zubin Irani, the Union Minister of Textiles & Minister of Women and Child Development (WCD), at India International Centre (IIC) in New Delhi.

SHAILESH TINAIKAR ASSUMES CHARGE AS FORCE COMMANDER OF UN MISSION

- Newly appointed Force Commander of the UN mission in South Sudan, Lieutenant General Shailesh Sadashiv Tinaikar assumed charge in Juba last Saturday. UN Secretary-General Antonio Guterres had announced the appointment of Tinaikar in May. In a tweet, the UN mission said Tinaikar was officially welcomed by a guard of honour.
- Lieutenant General Shailesh Tinaikar of India assumes charge as Force Commander of United Nations Mission in South Sudan.
- Shailesh Tinaikar has been awarded the Sena Medal and the Vishisht Seva Medal for Distinguished Service.

BHUPESH BAGHEL THE INDIAN CM INAUGURATED 'JAN CHOUPAL' PROGRAM
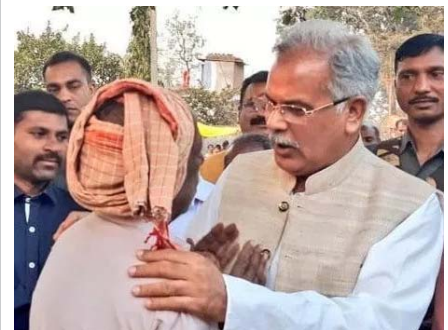
- The Chief Minister of Chhattisgarh, Bhupesh Baghel has inaugurated the 'Jan Choupal' program in Raipur, Chhattisgarh for holding public meetings once every week to discuss the issues of the people.
- In order to resolve the issues of people, the concept of this program has been taken from the practices of ancestors in the village. So that people can come and discuss their issues in the meeting.

JUNE 2019

JUSTICE RAGHVENDRA SINGH APPOINTED AS THE SECOND CHIEF JUSTICE

- Raghvendra Singh Chauhan appointed as the second Chief Justice of Telangana High Court in Hyderabad. He succeeded Chief Justice T.B. Radhakrishnan in April, 2019

- He belongs to Rajasthan and took oath before Governor E.S.L. Narasimhan.

- Chief Secretary S.K. Joshi initiated swearing-in ceremony. The Registrar General of Telangana High Court A. Venkateswar Reddy read out the warrant.

QU DONGYU THE FIRST CHINESE TO HEAD THE UNITED NATION'S

- China's agricultural deputy minister, Qu Dongyu (55) elected as the new director general of the United Nation's Food and Agriculture Organization (FAO) at Rome, Italy for a period of 4 years w.e.f. August 2019. He will succeed Brazil's Jose Graziano da Silva.

- He won 108 votes, followed by Catherine Geslain-Laneelle of France (the first woman to run for the post, a former head of the European Food Safety Authority) with 71 votes and Georgia's Davit Kirvalidze(a former agriculture minister) with 12 votes in the first round of voting.

- The election held as the fight to eradicate world hunger is threatened by global warming and wars, as FAO has sounded the alarm over rising food insecurity and high levels of malnutrition.

VINIT GOENKA PENS NEW BOOK "DATA SOVEREIGNTY - THE PURSUIT OF SUPREMACY'

- The book, "Function of Data Sovereignty - The Pursuit of Supremacy. It is written by Vinit Goenka, Author, Secretary.He is a member of the Governing Council-CRIS (Centre for Railway Information Systems) and Ministry of Railways.

- The book focuses on steps and concrete actions required to build highly capable data centers to ensure data security.

- The book tells aspect of data generation and consumption.It encourages policymakers on data localization and creates awareness among the people on the potential of data and implications of data.

NUSRAT JAHAN, MIMI CHAKRABORTY TAKE OATH AS LOK SABHA MEMBERS

- The first-time parliamentarians, TMC MPs Nusrat Jahan Ruhi Jain and Mimi Chakraborty took oath as members of the 17th Lok Sabha on June 25, 2019. Both the actresses were not present on the day that the oath of the office was administered to all the Lok Sabha MPs, due to Nusrat Jahan's wedding.

- So, as soon as the Lok Sabha convened for the day, the two actresses took oath as first-time MPs in Bangla. Both of them ended their oath by saying "Jai Hind, Vande Mataram and Jai Bangla". The two later touched Lok Speaker Om Birla's feet before taking their seat.

PADMANABHA SWORN IN AS GOVERNOR OF MANIPUR

- Padmanabha Balakrishna Acharya sworn in as Governor of Manipur.

- Nagaland Governor PB Acharya taking oath during the swearing-in ceremony as the Governor of Manipur at Raj Bhavan.

- He will serve as Governor of Manipur as an additional charge during the absence, on leave, of Dr Najma Heptulla, Governor of Manipur.

NIRMALA SITHARAMAN AMONG 100 MOST INFLUENTIAL WOMEN

- Finance Minister Nirmala Sitharaman is among the 100 most influential women driving the UK-India relationship forward alongside one of Britain's senior-most Cabinet ministers Penny Mordaunt.

- The '100 Most Influential in UK-India Relations: Celebrating Women' list was launched by UK Home Secretary Sajid Javid to mark India Day in the Houses of Parliament in London.

- It credited Sitharaman, also the Minister of Corporate Affairs, as one of India's most "powerful women" who plays a "pivotal" role in the bilateral relationship - as India's former defence minister and now finance minister.

'BINNY BANSAL SELLS FLIPKART SHARES WORTH RS 530 CRORE TO WALMART'

- Binny Bansal, the co-founder of India's leading e-tailer Flipkart, sold around 54 lakh of his equity shares valued at $76 million (?531 crore) to world's retail giant Walmart's Luxembourg entity FIT Holdings SARL, business intelligence platform Paper.

SPORTS

PV SINDHU AND SAINA NEHWAL RETAINED THEIR TOP 10 PLACE

- In the recently released women's singles ranking by Badminton World Federation, India's star players PVSindhu and Saina Nehwal have retained 5th spot and 8th spot respectively. The ranking is topped by Japan's Akane Yamaguchi.
- Chinese Taipei's Tai Tzu Ying was overtaken by Akane Yamaguchi to become the new world no.1 champion.
- Japan's Nozomi Okuhara is ranked second and Tai Tzu Ying is ranked third in the BWF rankings.
- In BWF men's ranking japan's Kento Momota is ranked first whereas India's Kidambi Srikanth and Sameer Verma are ranked 10th and 13th respectively.

RAVI SHASTRI RE-APPOINTED AS HEAD COACH

- Cricket Advisory Committee (CAC) headed by Kapil Dev, former Indian cricketer, unanimously re-appointed Ravi Shastri as the head coach of the Indian men's cricket team for 2 years, ending with the 2021 T20 (Twenty 20) World Cup in India.
- It will be Shastri's fourth stint with the national team, earlier, having served as the Cricket Manager (2007 tour of Bangladesh), Team Director (2014-2016) and head coach (2017-2019).

NEW TRANSGENDER INCLUSIVE POLICY TO INCLUDE TRANSGENDER PLAYER IN CRICKET

- Cricket Australia took a revolutionary move announcing new guidelines with the International Cricket Council's (ICC) gender recognition policy to include transgender players to play cricket.
- The transgender players willing to play for the state and national women's team will have to undergo a test to verify testosterone level limit set out in the policy. The testosterone concentration should be less than 10 nanomoles per litre over at least for 12 months and players should demonstrate consistency in their elected gender on a daily basis.
- Cricket Australia's chief executive, Kevin Roberts announced that this initiative was taken to support the players to participate in elite cricket irrespective of gender identity allowing the players to experience Australian Cricket's inclusive culture.

AMLA RETIRES FROM INTERNATIONAL CRICKET

- South African batsman Hashim Amla has retired from all formats of international cricket.
- Amla played 124 Tests, 181 ODIs and 44 T20Is between his 15-year-long cricketing career.
- Scoring more than 18,000 runs, including 55 centuries and 88 other scores in excess of 50.

ICC OFFICIALLY LAUNCHES WORLD TEST CHAMPIONSHIP

- International` Cricket Council (ICC) officially launched the inaugural World Test Championship (WTC). It will begin from August 1, 2019 where Australia and England will face each other in the Ashes. It will bring relevance and context to bilateral Test cricket over the next 2 years (2021).
- WTC will comprise of the top 9 Test teams of the world- Australia, Bangladesh, England, India, New Zealand, Pakistan, South Africa, Sri Lanka and the West Indies.71 Test matches will be played across 27 series over two years. The top two teams will contest in the ICC World Test Championship final from June 14-20, 2021 in the United Kingdom (UK).
- Points will be given for grabs during each match. Each team will play three home and three away series.Each series will count for 120 points, distributed over the number of matches in a series.
- The matches will be played in the same format as bilateral series.The number of matches in each series can vary between a minimum of two matches to a maximum of five matches.The first cycle of the WTC consists of only five-day matches and will include day-night matches.

KIRAN MORE APPOINTED AS USA CRICKET TEAM'S INTERIM COACH

- Kiran Shankar More (56), Indian former cricketer & wicket-keeper has been appointed as the interim coach of the USA (United States of America) cricket team. He replaces the head coach Pubudu Dassanayake of Sri Lanka, whose contract was to end by March 2019 but was extended to December 2019 resigned due to differences with USA Cricket Board.Kiran More appointed as USA cricket team's interim coach.

ARCHER DEEPIKA KUMARI WON SILVER IN TOKYO OLYMPIC TEST EVENT

- Indian archer Deepika Kumari won silver at the Ready Steady Tokyo test event for the 2020 Olympic Games held in Tokyo, Japan. She lost to Korean An San in straight sets 6-0. She was ranked 4th in the qualification round.

PV SINDHU TO SPEARHEAD INDIAN CAMPAIGN OPEN BADMINTON

- PV Sindhu won the Indian campaign at the Indonesia Open Badminton tournament beginning. The tournament took place at Jakarta.
- Sindhu will play her opening game against Japan's Aya Ohori. Saina Nehwal will not take part in the tournament.
- B. Sai Praneeth and HS Prannoy are other Indians seen in action in the Singles.Srikanth face Japan's Kenta Nishimoto, Praneeth take on Wong Wing Ki of Hong Kong. Prannoy meet second-seeded Chinese Shi Yuqi.Ashwini Ponnappa, N. Sikki Reddy, Satwiksairaj Rankireddy and Chirag Shetty are among those will figure in the Doubles.

DJOKOVIC BEATS FEDERER TO WIN FIFTH WIMBLEDON TITLE 2019

- Serbian Novak Djokovic won his fifth Wimbledon title after defeating Swiss tennis ace Roger Federer.
- This is Djokovic's 16th Grand Slam and 5th Wimbledon title. He is now level with Bjorn Borg as a five-time Wimbledon winner.
- Here is the Complete List of Winners of the Wimbledon 2019 (with their Respective Countries)

Sr. No.	Category	Winner	Runner Up
1	Men's Singles	N. Djokovic (Serbia)	R. Federer (Switzerland)
2	Women's Singles	S. Halep (Romania)	Serena Williams(USA)
3	Men's Doubles	Juan Sebastian Cabal (Colombia) and Robert Farah (Colombia)	Nicolas Mahut (France) and Edouard Roger Vasselin (France)
4	Women's Doubles	S W. Hsieh (Taiwan) and B. Strycova (Czech Republic)	G. Dabrowski (Canada) and Y. Xu (China)
5.	Mixed Doubles	I.Dodig (Croatia) and L.Chan (Taiwan)	R. Lindstedt (Sweden) and J. Ostapenko (Latvia)

- Hima Das sprints to 3rd international gold within two weeks
- Star Indian sprinter Hima Das(24) from Assam clinched her 3rd international gold within two weeks in women's 200m race with a time of 23.43 seconds and Muhammed Anas Yahiya (Kerala) also won gold in the men's 400m with the time of 45.21 seconds at the Kladno Memorial Athletics Meet 2019 in Czech Republic.

JUNE 2019

ICC LAUNCHES CRIIIO CAMPAIGN ON EVE OF WORLD CUP

• The ICC has launched the criiio campaign on the eve of the men's World Cup, bringing together 460 million people playing cricket globally to celebrate the magnificent diversity of cricket.

• The ICC asked the fans to join the social cricket tribe by sharing pictures and videos of where and how they play cricket across the world using the newly launched #criiio and visiting criiio.com.

• This builds on the success of the recent user-generated social media initiative #WorldWideWickets and is the first of a series of programs that will be launched by the ICC over the next 12 months.

THE INTERNATIONAL OLYMPIC COMMITTEE HAS FORMALLY OPENED NEW HEADQUARTERS

• The International Olympic Committee has formally opened its 145 million Swiss francs ($145 million) new headquarters exactly 125 years after the Olympic Games was revived.

• The International Olympic Committee was founded by Pierre de Coubertin, who was a great visionary and brought together entire world together in one peaceful competition.The Olympic Games are a symbol of hope and peace for all humankind, to signify this rooftop of headquarters takes the shape of a dove which is another universal symbol of peace.

• The new headquarters costs 145 million US Dollars.

ICC ASK DHONI TO REMOVE ARMY INSIGNIA FROM KEEPING GLOVES

• India's opening game in the ongoing World Cup saw former skipper M.S. Dhoni once again profess his love for the security forces after he was spotted with regimental dagger insignia of the Indian Para Special Forces on his wicket-keeping gloves. But the International Cricket Council (ICC) has asked the Board of Control for Cricket in India (BCCI) to get the symbol removed from Dhoni's gloves.

• Speaking to IANS, Claire Furlong, ICC General Manager, Strategic Communications, said that the BCCI has been asked to get the symbol removed from Dhoni's gloves. "We have requested the BCCI to get it removed," she said.

• The "Balidaan Badge" or the Army insignia was spotted on Dhoni's gloves as television replays showed him stumping Phehlukwayo in the 40th over of the innings bowled by Yuzvendra Chahal.

IOC LIFTS SANCTIONS AGAINST INDIA TO HOST INTERNATIONAL SPORTING EVENTS

• On June 20, 2019, A non-governmental sports organization based in Lausanne, Switzerland, IOC (International Olympic Committee) lifted its sanctions imposed on Indian Olympic Association (IOA) hosting international sports events.

• The decision was taken after finally receiving a letter of guarantee from the Government that it will allow all eligible athletes, sportspersons, and officials in events held in the country. The restriction imposed under points 2 and 3 of the IOC EB decision in relation to giving permission to host sports events, lifted by the IOC.

• Background: Pakistan shooters were denied visa by the Indian government for participation in the International Shooting Sport Federation Shooting World Cup 2019 that was held in New Delhi in the wake of the terror attack in Pulwama, Kashmir.

IOC SUSPENDS OLYMPIC STATUS FROM AIBA

• International Olympic Committee (IOC) suspended the Olympic status from the International Boxing Association (AIBA) and took over the responsibilities of the qualifying and final tournaments for the 2020 Tokyo Games. In May 2019, IOC members had voted to support the executive board's recommendation to suspend AIBA's Olympic status.

• AIBA had created "very serious reputational, legal and financial risks" for the IOC and its American stakeholders.

• AIBA has debts of about $17 million and it may be bankrupt in the near future. It is cut off from future income from Tokyo revenues.

• In 2018, IOC had started to investigate AIBA's governance, debts and integrity of Olympic bouts after the election of AIBA president Gafur Rakhimov, who is under United States federal sanctions for suspected links to eastern European organized crime.

BANKING & FINANCIAL AWARENESS

SBI LIFE INSURANCE, INDIAN BANK INK BANCASSURANCE PACT

- Padmaja Chunduru, MD & CEO, Indian Bank.SBI Life Insurance said that Bank assurance as a channel has been a strong differentiator for the life insurer and it continues to explore more opportunities through partnerships with credible organisations. The bank assurance agreement was signed in the presence of Padmaja Chunduru and Sanjeev Nautiyal.

- It comes on the heels of a similar agreement between Aditya Birla Sun Life SBI Life Insurance and Chennai-headquartered Indian Bank entered into a bank assurance pact to offer holistic financial planning solutions to the latter's customers. The partnership will see for 2,851 branches of Indian Bank across the country for insurance solutions.

- SBI Life will work with Indian Bank to ensure sales training, product support and smooth operational processes in order to offer life insurance policies to its customers. Indian Bank's customers have access to an array of life insurance products from SBI Life catering to varied life stage needs of the customer.

7TH ECONOMIC CENSUS BEGAN FROM TRIPURA

- 7th Economic Census (EC) for the year 2019 which is conducted by the Ministry of Statistics and Programme Implementation (MoSPI) commenced from Tripura on July 29, 2019. It is held after a gap of 5 years. This is done to get a complete count of all economic units in India. After Tripura, it will be launched in Puducherry, and in other states and union territories in August and September, 2019.

- Implementing Agencies: Common Services Centers (CSC) e-Governance Services India Limited, a Special Purpose Vehicle (SPV) formed under the Ministry of Electronics and Information Technology (MeITY), are the implementing agencies for the development of Information and Communications Technology (ICT) platform system and conduction of fieldwork for the 7th Economic Census.

INDIA'S RELIANCE INDUSTRIES LTD IS PARTNERING WITH ICONIC US-BASED LUXURY JEWELLER TIFFANY & CO TO OPEN A LINE OF STORES IN THE COUNTRY

- Tiffany popular for its engagement rings and robin's egg blue boxes plans to open stores in New Delhi and Mumbai in the second half of fiscal years 2019 and 2020 respectively.

- The tie-up comes as Reliance, which is run by Asia's richest man Mukesh Ambani and runs a sprawling conglomerate bolsters its consumer-focused units such as retail and telecoms to match the strength of its dominant oil and gas business. The company bought British toy retailer Hamleys.

INDIA'S FIRST NATIONAL TIME RELEASE STUDY CONDUCTED FROM AUGUST 1-7, 2019

- The Department of Revenue of the Ministry of Finance conducted India's first national Time Release Study (TRS) from August 1-7, 2019. It will be conducted on an annual basis, during the same period every year hereafter. It is lead by the Central Board of Indirect Tax and Customs (CBIC).

- It is an internationally recognized tool advocated by the World Customs Organization (WCO) to measure the efficiency and effectiveness of international trade flows. The WCO TRS is specifically referenced in Article 7.6 of the WTO Trade Facilitation Agreement (TFA) as a tool for Members to measure and publish the average release time of goods.

- Objective: To identify and address bottlenecks in the trade flow process and take the corresponding policy and operational measures required to improve the effectiveness and efficiency of border procedures.

RBI GRANTED BANK OF CHINA TO OFFER REGULAR BANKING SERVICES IN INDIA

- India's central banking institution, RBI(Reserve Bank of India) has allowed Bank of China (BoC)to provide regular bank services in India.

- Second schedule: All commercial banks including State Bank of India (SBI), HDFC(Housing Development Finance Corporation) Bank, Punjab National Bank (PNB)and ICICI Bank(Industrial Credit and Investment Corporation of India) are in the second schedule. Banks in this schedule have to comply with RBI regulations.

MASTERCARD LAUNCHES 'IDENTITY CHECK EXPRESS'

- On August 6, 2019, American multinational financial services corporation, Mastercard has launched a next-generation, mobile-first authentication solution, called "Identity Check Express" that will help customers to do uninterrupted secured transactions while shopping online.

- The new card payment feature was showcased in New Delhi at the Global Mastercard Cybersecurity Summit 2019, held for the 1st time in India.

- As per the Mastercard's analysis, up to 20% of mobile e-commerce transactions are interrupted mid-way. The present rules to verify an identity online are time-consuming which led to the shoppers away from a merchant's website due to the issues such as consumers being redirected to a third website to complete the payment process or mobile network fluctuations.

N S VISHWANATHAN GETS EXTENSION BY ONE YEAR AS RBI DEPUTY GOVERNOR

- The government and the RBI started looking for a replacement of Vishwanathan and a few internal candidates were identified.

- The portfolios got reshuffled based on the availability and seniority of deputy governors for the past 15 years.

- Acharya's resignation complicated the matter because two deputy governors would be leaving the central bank in a month's intervalAcharya set to leave on July 23.The central bank refused for power sector loans The Supreme Court turned down the RBI's objections.

RESERVE BANK TIGHTENS FIT AND PROPER GUIDELINES FOR THE POSITION OF ELECTED DIRECTORS ON THE BOARD OF PSBS

- To keep out political appointees, the Reserve Bankof India (RBI) has released a new master direction called 'Fit and Proper' Criteria for Elected Directors on the Boards of PSBs(Public Sector Banks)) Directions, 2019 to determine 'fit and proper' status of person to be eligible to be elected as a director . These Directions are applicable to all PSBs &separate norms for private banks and Non-Banking Financial Companies (NBFCs) will be issued soon.

INDIA IS THE 7TH LARGEST ECONOMY IN THE WORLD IN 2018: WORLD BANK

- The World Bank data for 2018 showed that India is the 7th largest economy in the world at $2.73 trillion.

- India's GDP rose from $2.65 trillion in 2017 to $2.73 trillion in 2018.

- In 2017, India had emerged as the sixth largest economy.

- It still remains the fastest-growing major economy in the world.

- The growth is estimated to slow to 7% in the current fiscal year that ends in March 2020.

RBI TO SET UP "CENTRAL PAYMENT FRAUD REGISTRY"

- The Reserve Bank of India has decided to set up a "Central Payment Fraud Registry". The registry will track frauds in the payment systems.

- Under this registry, payment system participants will be provided access to it for near-real time fraud monitoring. The aggregated fraud data will be published to educate customers on emerging risks.

- Currently, banks report all banking frauds to the Central Fraud Monitoring Cell of the Reserve Bank of India.

GOOGLE BACKED FIRM - FYND'S MAJORITY STAKE ACQUIRED BY RELIANCE INDUSTRIES

- 7 year old Mumbai startup Fynd, which is a Google backed firm that connects retailers with online stores and consumers, is now acquired by Reliance industries.

- Fynd's majority stake acquired by Reliance industries The acquisition announcement was made by Fynd's co-founder Harsh Shah.Reliance industries will now be owning 87.6% stake in Fynd.

- The acquisition has been made at a cost of 2.95 Billion Indian rupees($42.33 million).

ABIPBL TO SHUT DOWN WITHIN 18 MONTHS

- Aditya Birla Idea Payments Bank (ABIPBL) which had started its operation on February 22, 2018, will shut down its operations within 18 months of launch due to "unanticipated developments in the business landscape that have made the economic model unviable". ABIPBL is a joint venture by Aditya Birla Nuvo Ltd (51% stake) and Idea Cellular (49%).

- The bank has made full and complete arrangements for the return of deposits to the customers. It will restrict further credit to the accounts from July 26, 2019.

DEFENCE & TECH. ■

INDIAN AIR FORCE & FRENCH AIR FORCE PARTICIPATING IN A BILATERAL AIR EXERCISE

- Indian Air Force (IAF) and Armée de l'Air (French Air Force) are participating in the Garuda VI bilateral exercise at Mont de Marsan in France. The exercise has been started on July 1 and will conclude on July 12. The objective of this exercise is to validate the latest defence strategies by enhancing the interoperability level of the French and Indian crews in air defence and ground attack missions.
- Indian side - It comprised of 120 air-warriors and four Sukhoi 30 MKI along with an IL-78 flight refuelling aircraft. Also, IAF's C-17 Globemaster strategic lift aircraft will provide logistics support to contingent during induction and de-induction phases.

NASA'S TESS SATELLITE DISCOVERS FIRST NEARBY SUPER EARTH

- A super-Earth was discovered by an International team of astronomers led by Lisa Kaltenegger and is considered to be the first potentially habitable world outside our own solar system.
- The super Earth is named as GJ 357 d and it was discovered in NASA's Translating Exoplanets Survey Satellite (TESS) according to new modelling research in "Astrophysical Journal Letters".

MICROSOFT ACQUIRED BLUETALON, A DATA PRIVACY & GOVERNANCE STARTUP

- Microsoft acquired BlueTalon, a data privacy and governance service, for an undisclosed sum. BlueTalon works with leading Fortune 100 companies. It helps enterprises to set policies for how their employees can access their data.
- It will become part of the Azure Data Governance group.
- It had raised $25.87 million and was backed by firms like Biosys Capital, Signia Venture Partners, Maverick Capital, and Divergent Ventures.

AIR FORCE SPECIFICATION-CUM-PUBLICITY PAVILION INAUGURATED BY RAMESH POKHRIYAL "NISHANK"

- The Union Minister for Human Resource Development (MHRD) Mr Ramesh pokhriyal 'Nishank', inaugurated the Indian Airforce Facilitation-cum-Publicity Pavilion in National Bal Bhawan, New Delhi.
- Facilitation-cum-Publicity Pavilion
  i. The setup comprises of a flying simulator, a self-interactive career information kiosk(a counter, newsstand etc), a selfie point in G suite(cloud computing, collaboration and productivity tool) and mannequins.
  ii. The pavilion has running videos related to IAF exercise/ operations, aircraft models of Indian Air Force, digital flexes etc.

IIT HYDERABAD DEVELOPED AN ECO FRIENDLY SOLAR CELL USING KUMKUM DYE-DSSC

- Scientists from the Indian Institute of Technology (IIT) Hyderabad developed a low-cost, environment-friendly solar cells named Dye-sensitised solar cell (DSSC) by employing an off-the-shelf dye used to make kumkum or vermilion.
- DSSC is based on New Fuchsin (NF) dye with aqueous electrolyte and platinum-free counter electrodes.The research was published in the Solar Energy Journal.
- The research was led by Professor Sai Santosh Kumar Raavi from the Department of Physics, Indian Institute of Technology (IIT) Hyderabad.

FIRST NEARBY SUPER-EARTH PLANET GJ357D DISCOVERED BY NASA

- The NASA scientists have characterized the first potentially habitable world outside our own solar system that may be suitable for life. The super-earth planet - named GJ 357 d - was spotted by NASA's Transiting Exoplanet Survey Satellite (TESS) mission.
- It is estimated that planet is about six times the size of our planet and located a mere 31 light-years away. The planet orbits a dwarf star in the Hydra constellation and may have the right conditions to support liquid water as it lies within its star's habitable zone.
- It may be noted that a super-Earth is an extrasolar planet with a mass higher than Earth's, but substantially below those of the Solar System's ice giants, Uranus and Neptune

SPACEX FALCON 9 LAUNCHED ISRAEL'S AMOS 17 SATELLITE

- The SpaceX Falcon 9 rocket launched Israeli telecommunications satellite called Amos-17 at Cape Canaveral Air Force Station in Florida.
- The satellite was launched successfully into the geosynchronous transfer orbit.
- The launch was a makeup launch for Spacecom when a SpaceX Falcon 9 rocket exploded on the launch pad in 2016. Amos-17 has been designed to provide enhanced voice, video and data services to customers in Africa and parts of Europe, the Middle East, India and China.
- Before AMOS 17, Spacex launched the Europe's Arianespace consortium with two satellites from its spaceport in the South American country of French Guiana using its heavy-lift Ariane 5 rocket.

IIT-GUWAHATI DEVELOPS HAND-HELD DEVICE TO DETECT BACTERIA

- A team of researchers at the Indian Institute of Technology, Guwahati has developed a portable device to detect bacteria without cell culture or microbiological assays.
- The hand-held device, with the bio-compatible sensor, can also diagnose time-critical illnesses such as meningitis.
- This research has enabled rapid detection of bacteria, which is not just important in healthcare, but also in anti- bioterrorism measures and environmental monitoring.

DRDO SUCCESSFULLY TEST FIRED QRSAM MISSILE

- The Defence Research Development Organisation (DRDO) successfully test-fired an indigenously developed Quick Reaction Surface to Air Missile (QRSAM) from a mobile truck-based launch unit from the Integrated Test Range (ITR) in Chandipur, Odisha.
- It is an all-weather and all-terrain missile type.QRSAM missile has been developed for the Army.
- The entire mission was tracked by various electro-optical tracking systems, radar systems and telemetry systems.

NASA SATELLITE UNCOVERS 'FIRST NEARBY SUPER-EARTH'

- The Super-Earth planet named GJ 357 d was discovered in early 2019 owing to NASA's Transiting Exoplanet Survey Satellite (TESS), a mission designed to comb the heavens for exoplanets.
- Scientists have characterised the first potentially habitable world outside our own solar system located about 31 light-years away.

ISRO SETS UP SSAM IN BENGALURU

- K Sivan, chairman, Isro, laid the foundation stone for Space Situational Awareness Control Centre at Peenya in Bengaluru.
- Isro has set up a directorate of space situational awareness and management aiming at protecting high valued space assets from space debris close approaches and collisions. The control centre would facilitate the intensified activities foreseen for SSAM, in view of

increasing debris population and operational space assets.
- The control centre would host a range of activities pertaining to the protection of Indian space assets from inactive satellites, pieces of orbiting objects, near-earth asteroids and adverse space weather conditions.

INS TARKASH PARTICIPATES IN 14TH EDITION OF KONKAN-19 BILATERAL

- The Indian Navy's stealth frigate, INS Tarkash, participated in the 14th Edition of KONKAN-19 series of annual bilateral exercises between Indian Navy and Royal Navy of Britain off the South Coast of the United Kingdom (UK).

PM ANNOUNCED THE CREATION OF CDS POST

- The Prime Minister Narendra Modi has announced the creation of post of Chief of Defence Staff (CDS) on 15 August. The rank of CDS will be a first among equals. It will be a fourth four-star officer who will be senior to the three other service chiefs. It is the most significat reform in the defence.
- The creation of the post aims to make the Indian defence forces even more effective. It will also ensure the better coordination between the three defence services.
- Chief of Defence Staff (CDS) will act as the single-point advisor to the Government. The CDS officer will be advising the Army, Navy and Airforce on matters related to all the three services. The officer concerned will make the Country's armed forces integrated.

STUDY NOTES
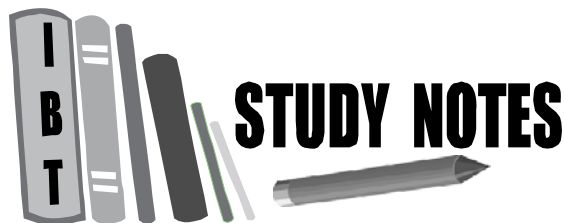
Quantitative Aptitude

ALLIAGTION AND MIXTURE

In Alliagtion and mixture, we study mixtures of two or more than two quantities that have different selling process or cost prices. Imagine that you mix a cheap substance with an expensive substance. What should be the value of the resulting mixture? That is what we will study in the Alligation & Rule of Alligation. The concept of allliagtion and mixture can be also be used for other mathematical calculations.

To understand the concept of the Alliagtion and mixture, we have to understand the concept of weighted average. For example, let us say that we buy 70 packs of Biscuit at the cost of 15 rupees each and 40 packets at the cost of 20 rupees each. What is the average cost? Will the average will be determined by the 20 rupees packs or the 10 rupees packs? This is when we come across the concept of weighted average.

The weighted average here will be: $\{[70 \times 15] + [40 \times 20]\}/110$

In alligation, we will use the same concept. Let us first define the few following terms:

Alligation: It is the rule that enables us to find the ratio in which two or more ingredients at the given price must be mixed to produce a mixture of the desired price.

Mean Price: The cost price of a unit quantity of the mixture is called the mean price. Now let us define the rule of alligation.

Rule Of Alligation

Let us suppose that two ingredients of concentrations 'x' and 'y' respectively have been mixed in some proportion. Let 'x' be the cheaper component and 'y' be the dearer or the most costlier component. Then the rule of alligation states that:

$$\left[\frac{\text{(Quantity of Cheaper substance}}{\text{(Quantity of dearer substance)}}\right] = \left[\frac{\text{(C.P. of dearer substance)} - \text{(Mean price)}}{\text{(Mean price)} - \text{(C.P. of cheaper substance)}}\right]$$

Quantity of Cheaper substance   Quantity of dearer substance

Mean Price

{(C.P. of dearer substance) – (Mean price)}   (Mean price) – {(C.P. of dearer substance)}

Let 'c' be the cost price or C.P. of a unit quantity of a cheaper substance, 'm' be the mean price, 'd' be the cost price of a unit quantity of the dearer substance, then we can write:

$$\frac{\text{Quantity of the Cheaper Substance}}{\text{Quantity of the Dearer Substance}} = \frac{(d-m)}{(m-c)}$$

Alliagtion for Repeated Dilutions:-

Suppose a container contains 'X' units of liquid from which 'y' units are taken out and replaced by water. After n operations, the quantity of pure liquid = $X\left(1 - \frac{y}{x}\right)^n$

Mixture of more than two mixtures:-

These questions may seem a little tricky at first, but it is similar concept applied repeatedly.

In order to calculate final ratio of ingredients when mixture contains more than two ingredients,

1. Take two ingredients such that 1st ingredient is LOWER than the mean value and the other one is HIGHER than the mean value.

2. Calculate the ratio of ingredients

3. Repeat for all possible pairs

4. Final ratio is the Summation of all respective proportionals. (i.e add first quantity from both comparison , add second quantity from both comparison and so on.)

EXAMPLES

Let us get a clearer picture with some an example.

1. A container contains 40 litres of milk. From this container, 4 litres of milk was taken out and replaced by water. This process was repeated further two times. How much milk is now contained by the container?

   (a) 33.3 litres   (b) 12.19 litres

   (c) 29.16 litres   (d) 30 litres

2. A can contains a mixture of two liquids A and B in the ratio 7: 5. When 9 litres of the mixture is drawn off and the can is filled with B, the ratio of A and B becomes 7: 9. How many litres of liquid A was contained by the can initially?

   (a) 38   (b) 27   (c) 21   (d) 29

3. A dishonest milkman professes to sell his milk at cost price but he mixes it with water an thereby gains 20%. The percentage of water in the mixture is:

   (a) 10%   (b) 15%   (c) 20%   (d) 16.66%

4. Three glasses A, B and C with their capacities in the ratio 1 : 3 : 4 are filled with a mixture of spirit and water. The ratio of spirit to water in A, B and C is 1 : 5, 3 : 5 and

5 : 7 respectively. If the contents of these glasses are mixed together, find the ratio of spirit to water in the mixture?

(a) 71 : 121   (b) 24 : 27   (c) 23 : 40   (d) 29 : 91

5. A mixture contain Iron and copper in the ratio of 7 : 12. When 30 kg Iron and 40 kg copper mixed into the mixture the ratio becomes 5 : 8. Find the ratio of the initial quantity of Iron to the final quantity of copper.

(a) 9 : 8   (b) 5 : 3   (c) 3 : 16   (d) 7 : 16

(5) 8 : 7

6. A shopkeeper have 800 kg of Sugar, a part of which he sells at 10% profit and remaining at 15% loss thus, he incurred overall loss of 5.625%. What would be the profit/loss percentage, if he interchanges the quantity he sold initially.

(a) 1.5%   (b) 0.375%   (c) 1.125%   (d) 2.125%

(e) 0.625%

7. Volumes of milk and water in two vessels A and B of equal volume are in the ratio of 4:3 and 2:3 respectively. In what ratio both the liquids should be mixed to obtain a new mixture in which the ratio of milk to that of the total water is 1:1?

(a) 7:5   (b) 1:2   (c) 1:1   (d) 1:3

(e) 4:3

8. A bottle full of Brandy contains 10% alcohol. A part of this Brandy was replaced by another one having 30% alcohol and the percentage now became 25%. What was the quantity of Brandy replaced?

(a) 3/4   (b) 1/3   (c) 1/2   (d) 5/6

9. A vessel contains mixture of tin and copper in the ratio of 2 : 3. Some amount of mixture is taken out and 28 gm copper is added to the remaining mixture so that amount of copper becomes $66\frac{2}{3}\%$ in the new mixture.

If $12\frac{1}{2}\%$ of initial mixture is 22.5 gm then, find what amount of tin was taken out from the initial mixture?

(a) 16gm   (b) 14gm   (c) 12gm   (d) 10gm

(e) 18gm

10. In what ratio must a person mix three kind of tea each of which has a price of 70, 80 and 120 rupees per kg, in such a way that the mixture costs him 100 rupees per kg?

(a) 2:2:5   (b) 2:5:5   (c) 9:2:5   (d) 2:2:7

SOLUTIONS

1. **(c)** The container contains x = 40 litres of milk. The quantity of milk that is taken out and replaced by water = y = 4 litres.

   Amount of milk left after three operations = [40{ 1 – (4/40)}3] litres.

   Therefore we may write: [40×(9/10)×(9/10)×(9/10)] = 29.16 litres.

2. **(c)** Suppose the can initially contain 7x and 5x litres of mixtures A and B respectively.

   Therefore we can write: the ratio of the two quantities as

   $$\frac{\left[7x - \dfrac{21}{4}\right]}{\left[5x - \dfrac{15}{4}\right]} = \frac{7}{9} \quad \text{Hence, x = 3.}$$

   Therefore the can had 7*(c) = 21 litres of the quantity A.

3. **(d)** Let CP of Milk=100 Rs/L

   CP of Water=0 Rs/L

   SP of Mixture=120 Rs/L

   CP of Milk=500/6 Rs/L
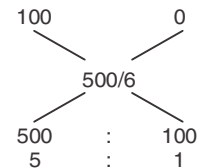
   % of Water in final mixture= 1/6*100=16.66%

4. **(a)** When they are mixed together, the ratio of spirit to water

   $$\left(\frac{1}{6} + \frac{9}{8} + \frac{5}{3}\right) : \left(\frac{5}{6} + \frac{15}{8} + \frac{7}{3}\right); \quad \frac{25}{8} : \frac{47}{8}$$

   ∴ Ratio of spirit to water is 25 : 47

5. **(d)** Let initial quantity 7x and 12x

   $$\frac{7x + 30}{12x + 40} = \frac{5}{8}$$

   x = 10

   Required ratio $= \dfrac{7 \times 10}{12 \times 10 + 40} = 7 : 16$

6. **(e)** According to Question using allegation
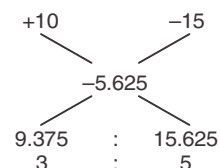
Now Quantity interchanged so ratio could also change
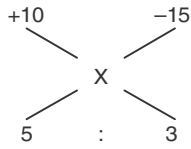
$$\frac{10-x}{x+15}=\frac{3}{5}$$

$$8x = 5;\ x = \frac{5}{8}$$

% change $=\dfrac{5}{8}=0.625$

7. (a) In the final mixture ratio of milk and water = 1 : 1
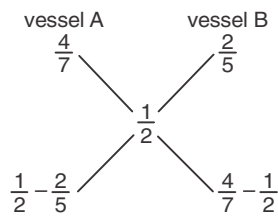
Hence required ratio = (1/2 – 2/5) (4/7 – 1/2)
= (1/10) (1/14) = 7/5

8. (a) Concentration of Alcohol in the first Bottle = 10%
Concentration of Alcohol in the second bottle = 30%

$$\frac{\text{Cost price of unit quantity of cheaper substance}}{\text{Cost price of unit quantity of dearer substance}}=\frac{\text{mean price}-C}{d-\text{mean price}}$$

First bottle= 30 – 25 = 5
Second bottle= 25 – 10 = 15
Ratio is 1 : 3

The part of Brandy replaced = $\dfrac{3}{4}$

9. (A) Total amount of initial mixture= 22.5 × 8 = 180 gm
Let total y gm of Mixture taken

$$\frac{180\times\frac{2}{5}-\frac{2y}{5}}{180\times\frac{3}{5}-\frac{3y}{5}+28}=\frac{1}{2}\ ;\quad \frac{72-\frac{2y}{5}}{108-\frac{3y}{5}+28}=\frac{1}{2}$$

$$\frac{360-2y}{680-3y}=\frac{1}{2}$$

2(360 – 2y) = 680 – 3y
4y – 3y = 720 – 680
y = 40 gm

tin taken out = $40\times\dfrac{2}{5}=16$ gm

10. (a) Here the prices of tea are 70, 80 and 120 And mean price is 100.

Here, prices LOWER than the mean are 70 and 80. And prices HIGHER than the mean is 120.

Thus possible pairs which can give mean value of 100 is: {70, 120} and {80, 120}

Let us denote tea of Rs. 70 with t70, tea of Rs. 80 with t80 and tea of Rs. 120 with t120

We apply the old alligation rule to ALL (two in this case) the pairs

For the 1st pair (t70, t120)
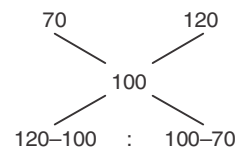
⇒ t70 : t120 = 20 : 30

Similarly, **for the 2st pair** (t80, t120)
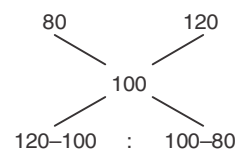
⇒ t80 : t120 = 20 : 20

Thus, **Final ratio:** t70 : t80 : t120 = 20 : 20 : (30 + 20)

⇒ t70 : t80 : t120 = 2 : 2 : 5

Reasoning Ability

DATA SUFFICIENCY

Introduction: Data Sufficiency is the topic which covers most of the topics of reasoning i.e. alphabetical series, coding and decoding, blood relation, direction, order and ranking, puzzle test, sitting arrangement etc. In data sufficiency, we don't have to find the answer. We have to analyze the given data and decide whether the given data is sufficient to find an answer or not.

Approach to understand the concept of Data Sufficiency:

1. The first and foremost thing to do is go through the complete question properly. Now determine which data is required to arrive at the answer of the question and then proceed to the statements that have been provided.
2. Try to recall if you have approached the similar question in past and go ahead and follow the same approach while taking the exam.
3. Remember, you don't have to solve the question completely.
4. All you need to do is find out the data that has been provided to you is sufficient to answer the question. This saves the time that is spent on calculations or the complete solution.
5. Analyze each statement separately first.
6. If both the statements aren't providing sufficient information to answer the question, then take the details provided in both the statements and check if the information together is sufficient to answer the question.
7. Understand the language of the question properly.
8. Don't make assumptions here. Stick entirely to the information that is provided in the statements.
9. Do not mark the answer after testing just one statement. For instance, even if you conclude that the data in statement 1 is sufficient to answer the question, do not forget to check for the other statement.
10. Use the process of elimination of options to narrow down the possible answers. For Example, if data in statement 1 is sufficient to answer the question, you only need to check for the second statement. Combining the information of the two statements and checking if it would be sufficient to answer the question won't be required here.

Tricks to Solve the Questions:

Step 1 – Examine the Question.

Step 2 – Consider each statement individually.

Step 3 – Combine the two statements.

Types of Questions asked in Data Sufficiency:

1. Based on Two statements.
2. Based on Three statements.

Type I: Based on two statements

In each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

Read both the statements and give the answer-

(1) If statement I alone is sufficient but statement II alone is not sufficient.

(2) If statement II alone is sufficient but the statement I alone is not sufficient.

(3) If each statement alone (either I or II) is sufficient.

(4) If statement I and II together are not sufficient.

(5) If both statements I and II together are sufficient, but neither statement alone is sufficient.

EXAMPLES

1. **Who scored highest among 1, 2, 3, 4 and 5?**

   (I) 2 scored more than 4, but not as much as 3.

   (II) 5 scored more than 3, but not more than 1.

   Sol. (5) If both statements I and II together are sufficient, but neither statement alone is sufficient.

   According to the question-

   (I) $3 > 2 > 4$, (II) $1 > 5 > 3$

   So, $1 > 5 > 3 > 2 > 4$

   1 scored the highest.

   Therefore, to find the answer, both statements are required.

2. **Five friends Z, Y, X, W and V are standing in a row facing east. Who is standing at the extreme left end?**

   (I) X is between V and Y.

   (II) Only Z is between W and V. X is immediate to the right of V.

   **Sol. (5)** If both statements I and II together are sufficient, but neither statement alone is sufficient.

   According to the question:

   W is at the extreme left end.

   Therefore, to find the answer, both statements are required.

3. **Vandana's flat is on which floor of the five floors building?**

   (I) Her flat is exactly above Gunjan's flat whose flat is exactly above Nakkul's first floor.

   (II) Jeevan's flat which is adjacent to Vandana's flat which is exactly above Anjalie's flat who is on the second floor.

Sol. (3) If each statement alone (either I or II) is sufficient.

(I) Vandana 3 floor, Gunjan 2 floor, Nakkul - 1 floor

(II) Jeevan 4 floor, Vandana 3 floor, Anjali 2 floor

So, anyone statement is sufficient to give the answer.

4. Which code word stands for 'good' in the coded sentence 'sin co bye' which means 'He is good'?

(I) In the same code language, 'co mot det' means 'They are good'.

(II) In the same code language, 'sin mic bye' means 'He is honest'.

Sol. (3) If each statement alone (either I or II) is sufficient.

In the given statement and I, the common word is 'good' and the common code word is 'co'. So, 'co' is the code for 'good'.

In the given statement and II, the common words are 'He' and 'is' and the common codewords are 'sin' and 'bye'. So 'sin' and 'bye' are the codes for 'He' and

'is'. Thus, in the given statement, 'co' is the code for 'good'.

Type II: Based on three statements

In each of the following problems, there is one question and three statements I, II and III given below the question. You have to decide whether the data given in the statements are sufficient to answer the question. Read all the statements carefully and find which of the statements is/are sufficient to answer the given question. Choose the correct alternative in each question.

EXAMPLES

1. What is Sandhaya's rank from the top in a class of forty students?

I. Sandhaya is 3 ranks below Dharuv from the top.

II. Dharuv's rank from the bottom is 23.

III. Sandhaya is 3 ranks above Dharuv from the bottom.

(1) Any two of the three   (2) Only I and II

(3) Only II and III   (4) All I, II and III

(5) Only II and either I or III

Sol. (5) Only II and either I or III

Explanation:

From II, we conclude that in a class of 40, Dharuv ranks 23rd from the bottom i.e. 18th from the top.

From I and II, we find that Sandhaya is 3 ranks below 18th rank from the top i.e. she ranks 21st from the top.

From II and III, we find that Sandhaya is 3 ranks above 23rd rank from the bottom

i.e. she ranks 20th from the bottom or 21st from the top.

2. Five Rabbits - Z, Y, X, W and V are sitting in a row. Who is sitting in the middle?

I. Y is between V and X.

II. Y is to the right of V.

III. W is between Z and V.

(1) Only I and II   (2) Only II and III

(3) Only I and III   (4) All I, II and III

(5) None of these

Sol. (4) All I, II and III

Explanation:

From I, the order is: V, Y, X or X, Y, V

From II, the order is: V, Y

3. Six children viz. N, M, L, K, J and I were given the seminar in the same week starting from Monday to Saturday, one on each day. How many of them are given seminar before L?

I. K is given the seminar before than at least three children. N was given the seminar on Tuesday.

II. J is given the seminar before than at least one of them. L was given immediately after K.

III. At least four children were given seminar after M.

1) If the data in statement I and II are sufficient to answer the question

2) If the data in statement II and III are sufficient to answer the question

3) If the data in statement I and III are sufficient to answer the question

4) If the data in all the statement I, II and III together are not sufficient to answer the question

5) If all the statements I, II and III are necessary to answer the question.

Sol. 1) If the data in statement I and II are sufficient to answer the question

Children	Day
	Monday
N	Tuesday
K	Wednesday
L	Thursday
	Friday
	Saturday

ENGLISH LANGUAGE

SENTENCE IMPROVEMENT

You will be given a sentence containing a bold phrase. This sentence will be followed by four/five options. You will have to replace the bold phrase with any one of the given alternatives in the case bold phrase is wrong.

Tips to Attempt Sentence Improvement

- Read daily from the source(s) of Standard English language to develop the natural understanding of correct sentence structures.
- Read the sentence and make your own opinion regarding the correct version of the sentence.
- Try to match your version with the alternatives given against each question.
- Mark the correct one after eliminating all the incorrect options.

DOS and DON'TS

DOS	DON'TS
• Ensure that verb always agrees with its subject in a sentence.	• Don't get confused with the wrong subject (In case of more than one.)
• You need to keep verb tense consistent throughout a sentence.	• There must not be incorrect usage of tenses. (past tense with present tense for the same event, for example)
• Check that the correct prepositions are used for the specific words, e.g. 'Married to' and not 'Married with')	• Don't opt the complicated structure unnecessarily if you have the simple one.
• Ensure that comparison must be between the things of same level.	• Avoid any illogical comparison. (E.g. a noun to a verb)
• Check that the related parts of your sentence must be parallel.	• Don't use different grammatical forms for the things carrying parallelism.
• Avoid any type of Pronoun Antecedent error.	• Don't use ambiguous pronoun whose antecedent is unclear.
• Always use clear and concise sentences.	• Your sentence must not be redundant, ambiguous, awkwardly phrased, or clunky.

PRACTICE EXERCISE

Direction (1-20): In each question below, a part of the sentence is bold. Below are given alternatives to the bold part which may improve the sentence. Choose the correct alternative. In case no improvement is needed; choose 'No correction is required' as your answer.

1. I took a **leaf from his tree** and started writing short notes of the lectures every day.
   - (a) leaf from his book
   - (b) leaf from his life
   - (c) leaf from his branch
   - (d) No correction is required

2. After the visit to the optician, I had **to buy a bunch of glasses**.
   - (a) to bring glasses.
   - (b) to wear glasses.
   - (c) to buy a pair of glasses
   - (d) No correction is required

3. The hunter found no **difficulty in jumping** the tiger.
   - (a) difficulty in obtaining
   - (b) difficulty in catching
   - (c) difficulty in pouncing
   - (d) No correction is required

4. I need to **figure about** how to fit the piano and the bookshelf in this room.
   - (a) figure out   (b) figure up
   - (c) figure in   (d) No correction is required

5. Idleness and luxury **bring around** poverty and want.
   - (a) bring off
   - (b) bring forth
   - (c) bring to
   - (d) No correction is required

6. The model accurately depicts the swan **and retaining the distinct look of origami**.
   - (a) and retaining the distinct look on origami
   - (b) retaining the distinct look of origami
   - (c) also retaining the distinct look of origami
   - (d) while retaining the distinct look of origami
   - (e) No correction is required

7. India's economy benefited from recent **high economic growth or declined** greatly due to the global economic crisis.
   (a) high economic growth and declined
   (b) high economic growth but declined
   (c) high economic growth yet declined
   (d) high economic growth is declined
   (e) No correction is required

8. Even though **you have seen him** yesterday, it is imperative that you meet him today also.
   (a) you saw him   (b) you should see him
   (c) you will see him   (d) you may see him
   (e) No correction is required

9. He has been admitted in the hospital **since a week**, but is not showing any improvement.
   (a) a week   (b) for a week
   (c) after a week   (d) down a week
   (e) No correction is required

10. All the members of the family were taken aback when she **interrupted into** the conversation.
    (a) was interrupting   (b) interrupted
    (c) interrupted to   (d) could interrupt into
    (e) No correction is required

11. **75% with the respondents** feel that we are above or at par with Japan regarding India's Risk management systems for banks.
    (a) 75% off the respondents
    (b) 75% of a respondents
    (c) 75% of an respondents
    (d) 75% of the respondents
    (e) No correction is required

12. The family decided to take him to a witch when all else failed, against the **better judgements** of his friends.
    (a) More good judgements
    (b) Good judgements
    (c) Best judgements
    (d) More better judgements
    (e) No correction is required

13. As a member of the cabinet, Ayer had the opportunity to observe debates and see **which they were resolved**.
    (a) About they being resolved
    (b) That it was resolved
    (c) To its resolution
    (d) How they were resolved
    (e) No correction required

14. **Each of the loan** must be approved by the Branch Manager.
    (a) Every loan   (b) Each one of the loan
    (c) All of the loan   (d) Any of the loan
    (e) No correction required

15. An employee will get the incentive, only if **he deserves it**.
    (a) He himself deserves (b) They deserving it
    (c) He was deserving   (d) He deserved for it
    (e) No correction required

16. Peter won the race **fair and square**.
    (a) Fare and square   (b) Fairly and square
    (c) Fair square   (d) Fair not square
    (e) No correction required.

17. They **cooks up a story** in order to get out of the situation.
    (a) Cooked in a story   (b) Cooked up a story.
    (c) Cooked up a stories (d) Cooked on the story
    (e) No correction required

18. When he fell down the ditch, he shouted with all his might **so that to catch** someone's attention.
    (a) Such that to catch   (b) So as to catch
    (c) So that to catching (d) So then to catch
    (e) No correction required.

19. **Being tolled for** two hours, he sat down to take some rest.
    (a) Have tolled for   (b) Had tolled for
    (c) Having to be tolled at (d) Having tolled for
    (e) No correction required

20. Some people **by naturally talk** more than others.
    (a) By natural talk   (b) Naturally talk
    (c) Natural by talking   (d) Natural by talking
    (e) No correction required

ANSWER KEY

1. (a)	2. (c)	3. (b)	4. (a)	5. (b)
6. (d)	7. (b)	8. (a)	9. (b)	10. (b)
11. (d)	12. (e)	13. (d)	14. (a)	15. (e)
16. (e)	17. (b)	18. (b)	19. (d)	20. (b)

BANKING AWARENESS

MICROCREDIT

INTRODUCTION

Microcredit is the extension of very small loans i.e. microloans to poor borrowers who typically lack collateral, steady employment and verifiable credit history. It is designed to spur entrepreneurship, increase incomes, alleviate poverty and often also to empower women.

Modern microcredit is generally considered to have originated with 'Grameen Bank' founded in 1983s. Many traditional banks subsequently introduced microcredit, even though they had earlier on discounted its likelihood of success.

FEATURES OF MICROCREDIT

Microcredit is three fold:

- The size of loans and repayments are small.
- In designing the lending practices of micro-finance institutions, their strong intent is to alter the initial conditions of poverty to break the poverty cycle.
- The interest rate charged varies, depending upon the type of organization and underlying cost of money in different countries.

CLASSIFICATION OF MICROCREDIT

1) Traditional informal microcredit such as loan from moneylenders or indigenous banker, loans from friends and relatives, consumer credit in informal market etc.

2) Microcredit based on traditional informal groups.

3) Activity based microcredit through conventional or specialized banks such as agricultural credit, livestock credit, handloom credit etc.

4) Rural credit through specialized banks.

5) Cooperative microcredit such as cooperative credit, credit unions, savings and loan associations, saving banks etc.

6) Consumer microcredit

7) Bank NGO partnership based microcredit

8) Grameen type microcredit or Grameen Credit

9) Other types of NGO microcredit

10) Other types of non-NGO non-collateralized microcredit.

SIZE OF LOAN

The microcredit loan cycles are usually shorter than traditional commercial loans with terms from typically. Six months to a year with payments plus interest, paid weekly. Shorter loan cycles and weekly payments help the borrowers stay current and not become surprised by large payments.

TYPICAL MICROCREDIT PRODUCTS

1. Income Generation Loan (IGL): This loan is used for variety of activities that generate income for their families. Clients submit a loan application and based on approval receive to loan after one week. Loans are paid in 50 equal, weekly installments. The client can submit a loan application for a future loan after completion of a loan cycle. The approach with smaller short, term loan is to avoid long-term economic problems with bigger loans.

2. Mid-Term Loan (MTL): This loan is available to clients after 25 weekly of repaying their IGL loan. A client is eligible for a MTL if the client has not taken the maximum amount of the Income Generation Loan. The residual amount can be taken as a Mid Term Loan. The terms and conditions of the midterm loan are otherwise exactly the same as income generating loan.

3. Emergency Loan: The emergency loan is available to all clients over the course of a fiscal year. The loan is interest free and the amount and repayment terms are agreed upon by the micro-finance institution and the client on a case by case basis. The amount is small compared to the income generating products and is only given in times of dire need to meet expenses. These loans are repaid in 20 weeks.

4. Individual Loan: It is designed for clients and non clients that have particular needs beyond the group lending model. Loans are given to an individual outside of the groups lending process. Amounts are typically higher than that of the income generating loan and repayments are less frequent.

QUESTIONS

1. The small Finance Banks also known as Payment Bank are mandated to pen how much percent of their branches in rural unbanked areas ?

A) 28 %   B) 25 %

C) 30 %   D) 32 %

E) 44%

2. Which of the following microfinance institution is Universal Bank ?

A) SKS Microfinance Private Ltd

B) Disha Microfinance Private Ltd

C) Arohan Financial Services Private Ltd

D) Bandhan Financial Services Private Ltd

E) Annapurna Private Limtied

3. Loans of very small amounts given to low income groups or poor household is called…..

A) Micro credit   B) Cash credit

C) Simple credit   D) Rural credit

E) No Frills Loan

4. Commercial Paper (CP) is an unsecured money market instrument issued in the form of which of the following ?
   A) Treasury bills
   B) Certificate of deposit
   C) Bill of exchange
   D) Promissory) note
   E) Bank note

5. What is maximum period upto which NBFCs can accept deposit from the date of receipt of such deposit
   A) 12 months
   B) 24 months
   C) 48 months
   D) 84 months
   E) 96 months

6. Which of the following is a web based solution to facilitate interbank, high volume, electronic transactions which are repetitive and periodic in nature ?
   A) SEBI
   B) NEFT
   C) Paytm
   D) NPCI
   E) NACH

7. The savings bank account which does not operate for more than 24 months , then the account is known as ………..
   A) inactive account
   B) dormant account
   C) inaccessible account
   D) demat account
   E) inoperative account

8. NFS is the largest network of shared automated teller machines (ATMs) in India and is run by which of the following organization ?
   A) Stock Holding Corporation of India Limited
   B) NSE
   C) NSDL
   D) NPCI
   E) RBI

9. The rate at which RBI lends to the commercial banks is called :
   A) Base rate
   B) Repo rate
   C) Reverse repo rate
   D) SLR
   E) CRR

10. MMID is a seven digit number issued by banks for transfer of money. What does 'T" in MMID stands for ?
    A) Input
    B) Internet
    C) Identifier
    D) Ink
    E) Immediate

ANSWER KEY

1. (b)	2. (d)	3. (a)	4. (d)	5. (d)
6. (e)	7. (b)	8. (d)	9. (b)	10. (c)
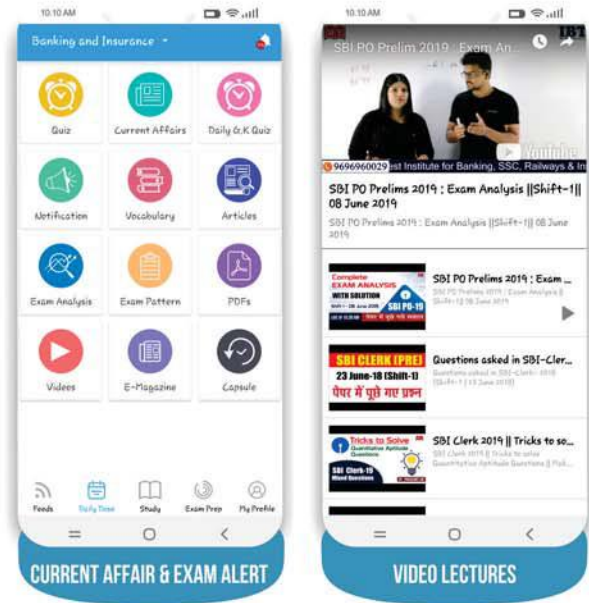
TRICKY QUESTIONS

Quantitative Aptitude

1. The Volume of the largest sphere (in cm²) that can be drawn inside a square of side 10 cm is ?
   (a) $500/3\,\pi$ (b) $11/664\,\pi$ (c) $36\,\pi$ (d) $288\,\pi$

2. An elephant of length 4m is at one corner of a rectangular cage of size (16 m × 30 m) and faces towards the diagonally opposite corner. If the elephant starts moving towards the diagonally opposite corner it takes 5 seconds to reach this corner. Find the speed of the elephant in m/sec?
   (a) 1 m/sec   (b) 6 m/sec
   (c) 1.87 m/sec   (d) 6.5 m/sec

3. If the area of three adjacent faces of a rectangular box which meet in the corner are 6 cm², 60 cm² and 10 cm² respectively. Then the volume of the box is
   (a) $\sqrt{94}$ (b) $2\sqrt{5}$ (c) 60   (d) 10

4. When a cubical metallic piece of edge 3 cm is dropped in a cylindrical glass of water, the water column rises by 27cm. What is the radius of the base of the glass?
   (a) $2/\sqrt{\pi}$ cm   (b) $1/\sqrt{\pi}$ cm
   (c) $6/\sqrt{\pi}$ cm   (d) $9/\sqrt{\pi}$ cm

5. A rectangular sheet of metal is 28 cm by 10 cm. Equal squares of side 4 cm are cut off at the corners and the remainder is folded up to form an open rectangular box. What is the volume of this box?
   (a) $231\,cm^3$ (b) $1092\,cm^3$ (c) $160\,cm^3$ (d) $362\,cm^3$

6. The perimeter of a right-angled triangle is 80 cm. Its hypotenuse is 32 cm. The area of the triangle is:
   (A) $240\,cm^2$ (B) $320\,cm^2$ (C) $360\,cm^2$ (D) $420\,cm^2$

7. If a hemisphere, a cone and a cylinder stand on equal base and having the same height, then find the ratio the volumes of the hemisphere, cone and cylinder?
   (A) 1 : 2 : 3   (B) 2 : 3 : 1   (C) 1 : 3 : 2   (D) 2 : 1 : 3

8. The length of each side of an equilateral triangle is $14\sqrt{3}$ cm. The area of the in circle, in cm², is
   (A) 450   (B) 308   (C) 154   (D) 77

9. If the side of a cube is increased by 20%, then what will be the percentage increase in the volume of cube?
   (A) 60   (B) 66.6   (C) 72.8   (D) 68.5

10. Two identical circles each of radius 4 cm intersect such that the circumference of each one passes through the centre of the other. What is the area (in)of the intersecting region?
    (A) $\dfrac{16\pi}{3} - 4\sqrt{3}$ (B) $\dfrac{32\pi}{3} - 4\sqrt{3}$
    (C) $\dfrac{32\pi}{3} - 8\sqrt{3}$ (D) $\dfrac{64\pi}{3} - 16\sqrt{3}$

11. Two trains are moving in the same direction at speed of 60 km/hr and 70 km/hr. The time taken by faster train to cross a man sitting in the slower train is 2 minutes 42 seconds. What will be the length (in metres) of the faster train?
    (A) 220m   (B) 330m   (C) 450m   (D) 540m

12. A man starts running from point P at 11:00 a.m. with a speed of 10 km/hr. He runs for 2 hours and then takes a 1 hour rest. He continues this till he is caught by another man who starts at 2:00 p.m. from point P and runs non-stop at a speed of 15 km/hr towards the first man. At what time (in p.m.) will the first man be caught?
    (a) 6:20   (b) 4:40   (c) 6:00   (d) 5:30

13. If a train takes 1.75 sec to cross a telegraph post and 1.5 sec to a cyclist travelling in opposite direction at 10 m per second, then the length of the train is:
    (a) 135 m   (b) 125 m   (c) 115 m   (d) 105 m

14. The speeds of two trains are in the ratio 3 : 4. They are going in opposite directions along parallel tracks. If each takes 3 seconds to cross a telegraph post, find the time taken by the trains to cross each other completely?
    (a) 1 seconds   (b) 3 seconds
    (c) 5 seconds   (d) 7 seconds

SOLUTIONS

1. **(a)** Sol. Radius of the largest sphere = 10/2 = 5 cm
   Volume of sphere $= 4/3\,\pi r^3 = 4/3 \times 5 \times 5 \times 5 \times \pi = 500/3\,\pi$

2. **(b)** Diagonal $= \sqrt{(16)^2 + (30)^2} = \sqrt{1156} = 34$ m
   Distance that elephant has to cover = 34 – 4 = 30 m
   Speed of elephant = 30/5 m/sec = 6 m/sec

3. **(c)** Volume of box $= \sqrt{(6 \times 60 \times 10)} = 60$ cm³

4. **(b)** Volume of the cubical metallic piece = volume of the water column = 3 × 3 × 3 = $\pi(r^2)(27)$; r = 1/cm

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5. (c) When 4 cm × 4 cm squared are cut off at corners, the rectangular box has dimensions of 28 – 8
= 20 cm
length, 10 – 8 = 2 cm and breadth 4 cm height
so Volume = 20 × 2 × 4 = 160 cm³

6. (B) Let Base = b cm and Height = b cm.
b + h + 32 = 80
$\Rightarrow b + h = 48 \Rightarrow (b+h)^2 = (48)^2$ ...(i)
Also, $b^2 + h^2 = (32)^2$
$(b+h)^2 - (b^2 + h^2) = (48)^2 - (32)^2$ ...(ii)
$\Rightarrow 2bh = (48+32)(48-32)$
$\Rightarrow 2bh = 1280 \Rightarrow bh = 640 \Rightarrow$ Area = b×h
∴ Area = 320 cm²

7. (D) Volume of the Sphere = $\frac{4}{3}\pi r^3$

Volume of hemisphere = $\frac{2}{3}\pi r^3$

Volume of cone = $\frac{1}{3}\pi r^2 h$
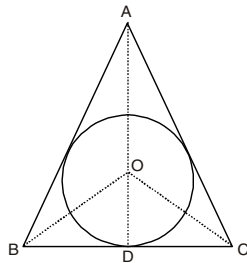
Volume of cylinder = $\pi r^2 h$
Where, r = radius
h = height
Given that hemisphere, cone and cylinder have equal base and same height
∴ r = h
Cone: Hemisphere: Cylinder
$= \frac{2}{3}\pi r^3 : \frac{1}{3}\pi r^3 : \pi r^3 = \frac{2}{3} : \frac{1}{3} : 1 = 2 : 1 : 3$

8. (C)

BD = DC = 7 cm

$AD = \sqrt{(14\sqrt{3})^2 - (7\sqrt{3})^2} = \sqrt{21\sqrt{3} \times 7\sqrt{3}} = 21$ cm

OD = radius of circle = $\frac{1}{3} \times 21 = 7$ cm

Area = $\pi r^2 = \frac{22}{7} \times 7 \times 7 = 154$ cm²
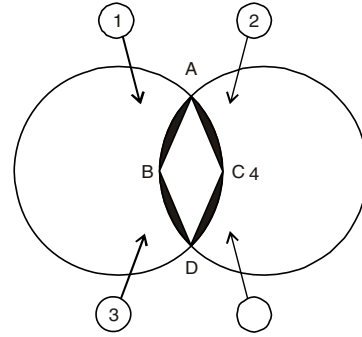
9. (C) Let side of cube = a
Volume = a³
If side = 1.2a
Volume = 1.728 a³

Percentage increase = $\frac{1.728a^3 - a^3}{a^3} \times 100$
$= 0.728 \times 100 = 72.8\%$

10. (C)

AB = BC = AC = 4 cm

Area ΔABC = $\frac{\sqrt{3}}{4} \times (4)^2 = 4\sqrt{3}$

Area of ABCD = $8\sqrt{3}$ cm

Area of sector CBAC = $\frac{60}{360} \times \pi \times 4 \times 4 = \frac{8\pi}{3}$

Area of 1 = $\frac{8}{3}\pi - 4\sqrt{3}$

Area of all shaded region = $4 \times \left[\frac{8}{3}\pi - 4\sqrt{3}\right]$

Total area = $\frac{22}{3}\pi - 16\sqrt{3} + 8\sqrt{3} = \frac{32}{3}\pi - 8\sqrt{3}$

11. (C) Required distance = $10 \times \frac{5}{18} \times 162 = 450$ m

12. (b)

Distance covered by P in 2 hours 2 × 10 = 20km
Relative speed = 15 – 10 = 5
distance covered by another than in 2 hours = 5 × 2 = 10
Remaining distance = 20 – 10 = 10

Now as man 1 rests = $\frac{10}{15} \times 60 = 40$ minutes
time will be 4.40 pm

13. (d) speed of train = X m/s
length of train = 1m

∴ $1.75 = \frac{1}{x}$; $x = \frac{1}{1.75}$ ...(i), $x + 10 = \frac{1}{1.5}$, ...(ii)

(i) and (ii) $\frac{1}{1.75} + 10 = \frac{1}{1.5} \Rightarrow l = 105$ m

14. (b) Speed of trains Time =M   3 : 4
×3↓ ↓×3 — Time
Length = 9m : 12m
Time = $\frac{D}{S} = \frac{L_1 + L_2}{S_1 + S_2} = \frac{9+12}{4+3} = \frac{21}{4+3} = 3$ sec.

► **MAKE MY EXAM - OCTOBER 2019 - 51**

Reasoning Ability

Direction (1-5): Read the following information carefully. And answer the following questions given below.

A word and number arrangement magic when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

Input: 49 nidhi complete 27 8 tackle 9 anjali wicket 121 fabulous 81 doggle 125

Step I: wicket 49 nidhi complete 27 8 tackle anjali 121 fabulous 81 doggle 125 9

Step II: tackle wonder 49 nidhi complete 27 anjali 121 fabulous 81 doggle 125 9 8

Step III: nidhi tackle wonder complete 27 anjali 121 fabulous 81 doggle 125 9 8 49

Step IV: fabulous nidhi tackle wonder complete anjali 121 81 doggle 125 9 8 49 27

Step V: doggle fabulous nidhi tackle wonder complete anjali 121 125 9 8 49 27 81

Step VI: complete doggle fabulous nidhi tackle wonder anjali 121 9 8 49 27 81 125

Step VII: anjali complete doggle fabulous nidhi tackle wonder 9 8 49 27 81 125 121

Step VII: is the last step of the above input; as the desired arrangement is obtained. As per rules followed in the above steps, find out in each of the following questions the appropriate step for the given input.

Input: crush 729 magic 4 selmon 25 216 hunter 169 popular 144 dispel 512 result

1. How many steps will be required to complete the rearrangement?
   (a) Six   (b) Seven   (c) Eight   (d) Five
   (e) None of these

2. Which of the following will be Step V?
   (a) hunter magic popular result selmon crush 169 729 dispel 4 216 25 512 144
   (b) magic hunter popular result selmon crush 729 169 dispel 4 216 25 512 144
   (c) hunter magic popular result selmon crush 729 169 dispel 4 216 25 512 144
   (e) hunter magic popular result selmon crush 729 169 dispel 4 216 25 144 512
   (e) None of these

3. Which of the following step would be the last but one?
   (a) Step V   (b) Step VI   (c) Step IV   (d) Step VII
   (e) None of these

4. If in Step IV 'popular' is related to '25' and 'selmon' is related to '4' in certain way, following the same way '729' is related to which of the following?
   (a) dispel   (b) hunter   (c) 144   (d) 216
   (e) None of these

5. What is the position of 'crush' in Step IV?
   (a) Third from left   (b) Sixth from right
   (c) Eighth from right   (d) Fourth from left
   (e) None of these

Directions (6-10): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statement are sufficient to answer the question. Read both the statements and given answer.

6. By using which statement, we can conclude 'Some wicket is not bargain'.
   I. All wickets are positive. Some wicket is yolk. Some garden is positive. No garden is bargain.
   II. Some positive is wicket. Some wicket is yolk. All yolk is garden. No garden is bargain.
   (a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
   (b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
   (c) If the data either in statement I alone or in statement II alone are sufficient to answer the question.
   (d) If the data even in both statements I and II together are not sufficient to answer the question.
   (e) If the data in both statement I and II together are necessary to answer the question.

7. 7 ladies I, II, III, IV, V, VI and VII went to a grocery shop, who among the following purchased the fifth highest number of grocery items and what is the number of grocery items being purchased by III if the difference between the number of grocery items of VII and III is 2?
   I. VI purchased more grocery items than I. VII purchased more grocery items than II but less than III. V purchased more number of grocery items than IV. The difference between the number of grocery items of V and VII is 22.
   II. Neither IV nor II purchased the least number of grocery items. III purchased less number of grocery items than only two ladies. IV purchased more grocery than VI. The highest number of grocery items is 98, purchased by V.
   (a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(c) If the data either in statement I alone or in statement II alone are sufficient to answer the question.

(d) If the data even in both statements I and II together are not sufficient to answer the question.

(e) If the data in both statement I and II together are necessary to answer the question.

8. **On which day Hemant was born?**

I. Hemant's sister remembers that he was born after Monday but before Saturday.

II. Hemant's friend remembers that he was born after Tuesday.

(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(c) If the data either in statement I alone or in statement II alone are sufficient to answer the question.

(d) If the data even in both statements I and II together are not sufficient to answer the question.

(e) If the data in both statement I and II together are necessary to answer the question.

9. In a family of six persons who is the father of Armaan?

I. Aditya is the son-in-law of Anjali. Anny is the only son of Ramesh. Ramesh is the grandmother of Armaan.

II. Armaan is the son of Nitin, who is the only sister of Anny. Anjali is the father of Nitin.

(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(c) If the data either in statement I alone or in statement II alone are sufficient to answer the question.

(d) If the data even in both statements I and II together are not sufficient to answer the question.

(e) If the data in both statement I and II together are necessary to answer the question.

10. Five boys are sitting around a Aditya circular table facing the center. Who among the following sit immediate left of Ramesh?

I. Ramesh sits second to the left of Anjali. Armaan is not an immediate neighbour of Ramesh. Aditya is second to the left of Armaan.

II. Anjali sits second to the right of Ramesh. Anny second to the right of Anjali. Two persons sit between Ramesh and Armaan.

(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(c) If the data either in statement I alone or in statement II alone are sufficient to answer the question.

(d) If the data even in both statements I and II together are not sufficient to answer the question.

(e) If the data in both statement I and II together are necessary to answer the question.

Directions (11-15): Study the following information carefully to answer the given questions.

In a certain code language:-

"Grip tricky microsoft" is written as 'θ745 θ2023 ϕ1433'

"bundle anny organise" is written as 'θ1220 è257 θ2626'

"Lucky wonder pool" is written as 'θ1128 ö1537 θ441 '

11. "wonder" will be coded as?

(a) θ1128   (b) ϕ1537   (c) θ441   (d) None

(e) θ745

12. "Anny Lucky" will be coded as?

(1) None of these   (2) θ2626 ϕ1537

(3) ϕ 2626 θ 1537   (4) ϕ1537 (θ1220

5) ϕ1537θ257

13. What is the code for "Method"?

(1) θ1417   (2) ϕ1417   (3) θ1317   (4) ϕ1317

(5) None of these

14. Which will be the code for 'PARTHIK'?

(1) ϕ1627   (2) ϕ1127   (3) θ1627   (4) θ1127

(5) None of these

15. What is the code of 'PERFECT'?

(1) ϕ1136   (2) θ1636   (3) ϕ1636   (4) θ1136

(5) None of these

SOLUTIONS

Explanation (1-5):

Let's understand the logic behind this Question and how to solve it. When we see each step, then we can find that –

The magic rearranges one word and one number in each step, words are arranged from left end to the left side and numbers are arranged from right end to the right side.

(i) In this, words are arranged according to the place value of the first letter of the word in decreasing order from right end to left end.

(ii) Numbers are arranged in increasing order alternatively i.e. smallest square number is arranged first then smallest cube number followed by second smallest square number then second smallest cube number and so on.

Input: crush 729 magic 4 selmon 25 216 hunter 169 popular 144 dispel 512 result

Step I: selmon crush 729 magic 25 216 hunter 169 popular 144 dispel 512 result 4

Step II: result selmon crush 729 magic 25 hunter 169 popular 144 dispel 512 4 216

Step III: popular result selmon crush 729 magic hunter 169 144 dispel 512 4 216 25

**Step IV:** magic popular result selmon crush 729 hunter 169 144 dispel 4 216 25 512

Step V: hunter magic popular result selmon crush 729 169 dispel 4 216 25 512 144

Step VI: dispel hunter magic popular result selmon crush 169 4 216 25 512 144 729

Step VII: crush dispel hunter magic popular result selmon 4 216 25 512 144 729 169

Step VII is the last step of the above input.

1. **(b)** Seven
2. **(c)** hunter magic popular result selmon crush 729 169 dispel 4 216 25 512 144
3. **(b)** Step VI
4. **(c)** 144
5. **(e)** None of these
6. **(b)** If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
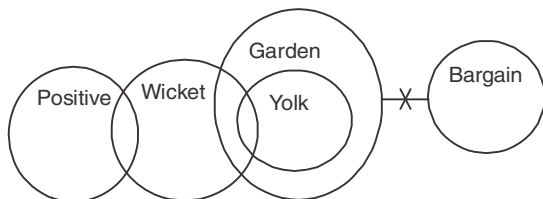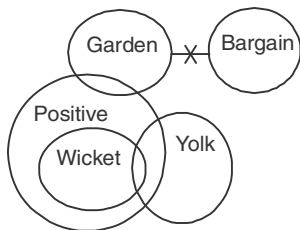
7. **(d)** If the data even in both statements I and II together are not sufficient to answer the question.

Explanation:

By combining I and II we can't find fifth highest number of grocery items and number of grocery items being purchased by III.

8. **(d)** If the data even in both statements I and II together are not sufficient to answer the question.

Explanation:

From I and II we can't find day in which Hemant was born.

9. **(e)** If the data in both statement I and II together are necessary to answer the question.
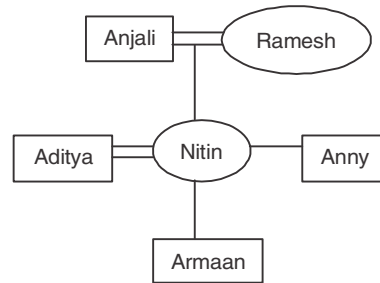
10. **(e)** If the data either in statement I alone or in statement II alone are sufficient to answer the question.
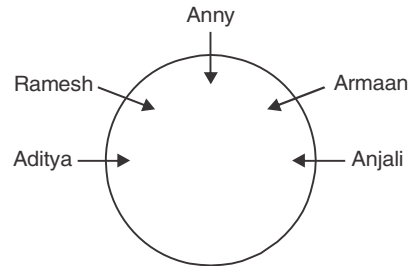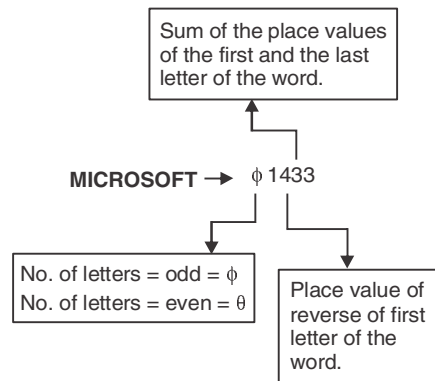

Explanation (11-15):

11. **(c)** θ441
12. **(b)** θ2626 φ1537
13. **(a)** θ1417
14. **(b)** φ1127
15. **(a)** φ1136

IMPORTANT QUESTIONS

English Language

QUESTIONS BASED ON READING COMPREHENSION

Direction: Read the paragraphs carefully and answer the questions given below. Certain words/phrase(s) are printed in bold to help you locate them easily while answering the questions.

Paragraph 1: NASA research shows that Jakobshavn Glacier, which has been Greenland's fastest-flowing and fastest-**thinning** glacier for the last 20 years, has made an unexpected about-face. Jakobshavn is now flowing more slowly, thickening, and advancing towards the ocean instead of retreating farther inland. The glacier is still adding to global sea level rise - it continues to lose more ice to the ocean than it gains from snow **accumulation**, but at a slower rate. The researchers conclude that the slowdown of this glacier, known in the Greenlandic language as Sermeq Kujalleq, occurred because an ocean current that brings water to the glacier's ocean face grew much cooler in 2016. Water temperatures in the vicinity of the glacier are now colder than they have been since the mid-1980s.In a study published today in Nature Geoscience, Ala Khazendar of NASA's Jet Propulsion Laboratory in Pasadena, California, and colleagues report the change in Jakobshavn's behavior and trace the source of the cooler water to the North Atlantic Ocean more than 600 miles south of the glacier. The research is based on data from NASA's Oceans Melting Greenland (OMG) mission and other observations.

Paragraph 2: The researchers suspect the cold water was set in motion by a climate pattern called the North Atlantic Oscillation, which causes the Northern Atlantic Ocean to switch slowly between warm and cold every five to 20 years. The climate pattern settled into a new phase recently, cooling the Atlantic in general. This change was accompanied by some extra cooling in 2016 of the waters along Greenland's southwest coast, which flowed up the west coast, eventually reaching Jakobshavn. When the climate pattern flips again, Jakobshavn will most likely start **accelerating** and thinning again. Josh Willis of JPL, the principal investigator of OMG, explained, "Jakobshavn is getting a temporary break from this climate pattern. But in the long run, the oceans are warming. And seeing the oceans have such a huge impact on the glaciers is bad news for Greenland's ice sheet."

Paragraph 3: Jakobshavn Glacier, located on Greenland's west coast, **drains** about 7 percent of the island's ice sheet. Because of its size and importance to sea level rise, scientists from NASA and other institutions have been observing it for many years.Researchers hypothesized that the rapid retreat of the glacier began with the early 2000s loss of the glacier's ice shelf - a floating extension of the glacier that slows its flow. When ice shelves disintegrate, glaciers often speed up in _____(1)_____. Jakobshavn has been accelerating each year since losing its ice shelf, and its front (where the ice reaches the ocean) has been retreating. It lost so much ice between 2003 and 2016 that **its thickness, top to bottom, shrank** by 500 feet (152 meters)."Tracing the origin of the cold waters in front of Jakobshavn was a challenge," explained Ian Fenty of JPL, a co-author of the study. "There are enough observations to see the cooling but not really enough to figure out where it came from." Using an ocean model called Estimating the Circulation and Climate of the Ocean (ECCO) to help fill in the gaps, the team traced the cool water upstream (toward the south) to a current that carries water around the southern tip of Greenland and northward along its west coast. In 2016, the water in this current cooled by more than 2.7 degrees Fahrenheit (1.5 degrees Celsius).

Paragraph 4: Although the **last few winter were** relatively mild in Greenland itself, they were much colder and windier than usual over the North Atlantic Ocean. The cold weather coincided with the switch in the NAO climate pattern. Under the influence of this change, the Atlantic Ocean near Greenland cooled by about 0.5 degrees Fahrenheit (1 degree Celsius) between 2013 and 2016. These generally cooler conditions set the stage for the rapid cooling of the ocean current in southwest Greenland in early 2016. The cooler waters arrived near Jakobshavn that summer, at the same time that Jakobshavn slowed dramatically.The team suspects that both the widespread Atlantic cooling and the dramatic cooling of the waters that reached the glacier were _____(2)_____ by the shift in the NAO. If so, the cooling is temporary and warm waters will return when the NAO shifts to a warm phase once again.

1. What about-turn has been made by Jakobshavn Glacier?

   (a) It retreats farther inland.

   (b) It has started flowing slowly.

   (c) It has started flowing towards the ocean.

   (d) Both (b) and (c)

   (e) None of the above

2. What does "Sermeq Kujalleq" mean?

   (a) Bringing water to the glacier by an ocean current.

   (b) Jakobshavn Glacier's losing ice and adding to global sea level rise.

   (c) Slowing down of the flow of Jakobshavn Glacier.

   (d) Both (b) and (c)

   (e) None of the above

3. What does the study published in study "Nature Geoscience" say?

(a) It discloses the about-turn of Jakobshavn Glacier.

(b) It reports the source of the cooler water to the North Atlantic Ocean.

(c) It says that the research is based on data from Oceans Melting Greenland mission.

(d) Both (a) and (b)

(e) None of the above

4. What set the cold water in motion?

(a) Jakobshavn Glacier will start accelerating and thinning again.

(b) Switching of Northern Atlantic Ocean between warm and cold every 5-20 years.

(c) A climate pattern i.e. the North Atlantic Oscillation.

(d) Both (b) and (c)

(e) None of the above

5. What have NASA and other institutions been observing for many years?

(a) Jakobshavn Glacier is located on Greenland's west coast.

(b) Jakobshavn Glacier drains seven percent of the island's ice sheet.

(c) The oceans have such a huge impact on the glaciers.

(d) Both (a) and (b)

(e) None of the above

6. Which of the following words can appropriately **replace** the word "**thinning"** mentioned in the **first** paragraph?

(a) soaring   (b) diminishing

(c) dwindling   (d) Both (b) and (c)

(e) None of the above

7. Which of the following words can appropriately **replace** the word "**accumulation"** mentioned in the **first** paragraph?

(a) build-up   (b) squall

(c) dissipation   (d) profligacy

(e) None of the above

8. Which of the following words is/are **most opposite** to the word "**accelerating"** mentioned in the **second paragraph**?

(a) delaying   (b) decelerating

(c) dribbling   (d) Both (a) and (b)

(e) None of the above

9. Which of the following words is/are **most opposite** to the word "**drains"** mentioned in the **third paragraph**?

(a) saturate   (b) impregnate

(c) fills   (d) suffuse

(e) None of the above

10. Which of the following words will fill the **blank 1,** in **third paragraph,** most appropriately?

(a) about-face   (b) fact

(c) response   (d) imbue

(e) None of the above

11. Which of the following words will fill the **blank 2,** in **fourth paragraph,** most appropriately?

(a) allocate   (b) driven

(c) insured   (d) Both (b) and (c)

(e) None of the above

12. Replace the bold phrase of **first sentence** of **fourth paragraph**.

(a) last few winters was   (b) last few winter was

(c) last few winters were   (d) last few winter have been

(e) No replacement required

13. Replace the bold phrase of sentence – "It lost so much ice between 2003 and 2016 that **its thickness, top to bottom, has shrank** by 500 feet (152 meters)." mentioned in **third paragraph.**

(a) its thickness, top to bottom, shrank

(b) its thickness, top to bottom, shrunk

(c) its thickness, top to bottom, shrunken

(d) its thickness, top to bottom, has shrink

(e) No replacement is required

ANSWER KEY

1. (d)		2. (c)		3. (d)		4. (d)		5. (b)
6. (c)		7. (a)		8. (b)		9. (c)		10. (c)
11. (b)		12. (c)		13. (a)				

BANKING AWARENESS

1. A savings as well as current account should be treated as inactive if there are no transactions in the account for over a period of _____ months.
   (a) 24 months   (b) 30 months
   (c) 12 months   (d) 06 months
   (e) 36 months

2. CDR mechanism is a voluntary non-statutory mechanism under which financial institutions and banks come together to restructure the debt of companies facing financial difficulties due to internal or external factors, in order to provide timely support to such companies. What is the meaning of "R" in CDR?
   (a) Regulation   (b) Reserve
   (c) Restructuring   (d) Ratio
   (e) Reduce

3. What is the minimum amount required to open a Fixed Deposit (FD)?
   (a) Rs. 1000   (b) Rs. 100   (c) Rs. 500   (d) Rs. 300
   (e) No Limit

4. If one is not satisfied with the decision passed by the Banking Ombudsman, one can approach the appellate authority to _____.
   (a) Governor of RBI
   (b) Deputy Governor of the RBI
   (c) Finance Secretary
   (d) Finance Minister
   (e) GM of the Concern Bank

5. Headquarters of National Investment and Infrastructure Fund (NIIF) is located at _____.
   (a) New Delhi   (b) Hyderabad
   (c) Mumbai   (d) Kolkata
   (e) Chennai

6. MSME sector shall be reckoned in computing achievement under the overall Priority Sector target of 40 percent of ANBC. What is the full form of ANBC?
   (a) Adjusted Net Bank Core
   (b) Adjusted Net Bank Credit
   (c) Adjusted Net Bank Cash
   (d) Adjusted Net Bank Common
   (e) Adjusted Net Bank Current

7. _____ is a situation in which the inflation rate is high, the economic growth rate slows, and unemployment remains steadily high.
   (a) Inflation   (b) Deflation
   (c) Stagflation   (d) All of the above
   (e) None of the above

8. Which bank has become the first private sector bank to sell Indian gold coins?
   (a) Dhanlaxmi Bank   (b) Federal Bank
   (c) ICICI Bank   (d) IndusInd Bank
   (e) Karur Vysya Bank

9. Which of the following can invest in the commercial paper?
   (a) Corporate
   (b) Primary Dealers
   (c) All-India Financial Institutions
   (d) Both (b) and (c)
   (e) All of the Above

10. Section 80E of the Income Tax Act provides for deduction of interest paid on Education or study loan is taken for higher education. Deduction under section 80E is available for _____
    (a) 2 years   (b) 4 years   (c) 8 years   (d) 10 years
    (e) None of the given options is true

11. What is the full form of FCCB?
    (a) Foreign Currency Convertible Bond
    (b) Foreign Currency credit Bond
    (c) Financial Consortium and Credit Bureau
    (d) Future Credit and Currency Bureau
    (e) None of the given options is true

12. Which of the following institutions is responsible for the supervision of RRBs?
    (a) RBI   (b) SEBI   (c) NABARD   (d) GOI
    (e) All of the above

13. With which article of the Indian Constitution is Money Bill related?
    (a) Article 110   (b) Article 109
    (c) Article 108   (d) Article 107
    (e) None of the given options is true

14. RBS Bank has been headquartered in-?
    (a) Glasgow, United Kingdom
    (b) Edinburgh, United Kingdom
    (c) Skye, United Kingdom
    (d) Aberdeen, United Kingdom
    (e) None of the given options is true

15. National Housing Bank (NHB), a wholly-owned subsidiary of _____
    (a) RBI   (b) Government of India
    (c) IRDAI   (d) State Government
    (e) SEBI

16. What is India's rank in World Bank's Ease of Doing Business Index 2019, out of 190 countries in 2018?
    (a) 83   (b) 77   (c) 23   (d) 100
    (e) 71

17. The finance ministry has announced that the sixth tranche of electoral bonds sale has been started. Which bank is the only authorised bank to issue such bonds?
    (a) PNB   (b) ICICI   (c) BOB   (d) HDFC
    (e) None of the above option is true

18. Which of the following section of the RBI Act empowers the Central Government to consult and give instructions to the Governor of the RBI to act on certain issues?
    (a) Section 370   (b) Section 1-B
    (c) Section 7   (d) Section 9
    (e) Section 77

19. HDFC Bank had announced that the RBI had approved the re-appointment of Aditya Puri as MD and CEO of the bank. Now, he will be serving the bank till _____.
    (a) 2020   (b) 2021   (c) 2022   (d) 2019
    (e) 2024

20. The National Investment and Infrastructure Fund (NIIF) has acquired _____ an infrastructure debt fund. This acquisition is the first investment from NIIF's strategic fund.
    (a) IL&FS   (b) IDBI-IFL
    (c) IDFC-IFL   (d) Bhushan Steel
    (e) NIACL

21. India has signed a $950 million contract with Russia for two upgraded _____class stealth frigates.
    (a) Krivak III   (b) Sovetskogo Soyuza
    (c) Kirov II   (d) Admiral Grigorovich
    (e) Admiral Gorshkov

22. India and _____recently held their first ever Dialogue on Intellectual Property in Delhi to deepen bilateral strategic cooperation on IP policy.
    (a) France   (b) Russia   (c) The USA (d) China
    (e) Japan

23. The World Trade Organization is an intergovernmental organization that regulates international trade. Where is the headquarters of WTO?
    (a) Geneva   (b) New York (c) Paris   (d) Madrid
    (e) Rome

24. The Fourth Dialogue of the NITI Aayog - Development Research Centre (DRC) of the State Council, Peoples' Republic of China was held in _____.
    (a) New Delhi (b) Pune   (c) Kolkata (d) Mumbai
    (e) Chennai

25. The Kirloskar group had announced that it has received license from the Reserve Bank to launch a NBFC. Who will be heading this NBFC?
    (a) Vimal Bhandari   (b) Renu Satti
    (c) Satish Kumar Gupta (d) Sandeep Bakhshi
    (e) Vimal Mishra

26. INS Virat will be converted into floating museum soon. As per primary estimates, the project worth almost _____ rupees.
    (a) 950 crore   (b) 778 crore
    (c) 852 crore   (d) 490 crore
    (e) 572 crore

27. Who among the following has assumed charge as Managing Director and Chief Executive Officer (UCO) of UCO Bank?
    (a) Shikha Sharma   (b) R K Takkar
    (c) Tanya Kumari Goel   (d) Atul Kumar Goel
    (e) Rana Kumar

28. The Reserve Bank of India has initiated the process to set up a digital PCR to capture all the details of borrowers, including willful defaulters and also the pending legal suits in order to check financial delinquencies. What is the full form of PCR?
    (a) Private Credit Registry   (b) Public Credit Registry
    (c) Public Common Registry (d) Public Credit Review
    (e) Public Credit Ratings

29. The Central and Andhra Pradesh governments and the _____ have signed the loan agreement for a $172.20 million project to enhance agricultural productivity, profitability, and climate resilience of poor and marginalized farmers in Andhra Pradesh.
    (a) International Monetary Fund
    (b) Asian Development Bank
    (c) World Bank
    (d) New Development Bank
    (e) International Bank for Reconstruction and Development

30. Which of the following state Government has announced Rs378 crore investment in the second phase of the State's flagship aquaculture mission aimed at cutting down fish imports into the hill State?
    (a) Sikkim   (b) Assam
    (c) Himachal Pradesh   (d) Meghalaya
    (e) Arunachal Pradesh

ANSWER KEY

1. (c)	2. (c)	3. (a)	4. (b)	5. (c)
6. (b)	7. (c)	8. (b)	9. (e)	10. (c)
11. (a)	12. (c)	13. (a)	14. (e)	15. (c)
16. (b)	17. (e)	18. (c)	19. (a)	20. (c)
21. (a)	22. (a)	23. (c)	24. (a)	25. (d)
26. (a)	27. (c)	28. (d)	29. (b)	30. (d)

COMPUTER AWARENESS

1. DSL is an example of a(n) connection.
   (a) network   (b) wireless
   (c) slow   (d) broadband
   (e) none of these

2. Instructions and data that are processed by the CPU are located in
   (a) CD-ROM   (b) RAM
   (c) the hard disk   (d) the motherboard
   (e) none of these

3. The commonly used UNIX commands like date, ls, cat etc. are stored in
   (a) dev directory   (b) bin directory
   (c) tmp directory   (d) unix directory
   (e) None of these

4. One megabyte equals approximately
   (a) 1,000 bits   (b) 1,000 bytes
   (c) 1 million bytes (d) 1 million bits
   (e) 2,000 bytes

5. A computer checks the of user names and passwords for a match before granting access.
   (a) Website   (b) Network
   (c) Backup file   (d) Data base
   (e) None of these

6. Computers that are portable and convenient for users who travel are known as
   (a) Super computers (b) Lap tops
   (c) Mini computers   (d) File servers
   (e) None of these

7. What is the term for unsolicited e-mail?
   (a) News group   (b) Use net
   (c) Backbone   (d) Flaming
   (e) Spam

8. The tells the computer how to use its components.
   (a) Utility   (b) Network
   (c) Operating system (d) Application program
   (e) None of these

9. When sending an e-mail, the line describes the contents of the message.
   (a) to   (b) subject
   (c) contents   (d) CC
   (e) None of these

10. The key will launch the start buttons.
    (a) Esc   (b) Shift
    (c) Windows   (d) Shortcut
    (e) None of these

11. What is the ultimate purpose of Defragmentation?
    (a) Make the PC faster
    (b) Create More Free Space
    (c) Delete temporary files
    (d) Reduce Power consumption
    (e) none of these

12. Which input device cannot be used to work in MS Office?
    (a) Scanner   (b) Mouse
    (c) Keyboard   (d) Joy stick
    (e) Light pen

13. Is a method in which multiple communication devices are connected to one another efficiently.
    (a) Switching   (b) Redundancy
    (c) Capacity   (d) Detecting
    (e) None of these

14. .... is a collection of web - pages and ....is the very first page that we see on opening of a website.
    (a) Home page, Web page (b) Website, Home page
    (c) Web page, Home page (d) Web page, Website
    (e) None of these

15. What's considered the 'backbone' of the World Wide Web?
    (a) URL   (b) HTML
    (c) HTTP   (d) FTP
    (e) None of these

16. SMTP stands for
    (a) Simple Mail Transfer Protocol
    (b) Serve Message Text Process
    (c) Short Messaging Text Process
    (d) Short Messaging Transfer Protocol
    (e) None of these

17. Small application programs that run on a Web page and provide animation are known as
    (a) flash   (b) spiders
    (c) cookies   (d) applets
    (e) none of these

18. The errors that can be pointed out by the compiler known as .
    (a) Syntax errors   (b) Semantic errors
    (c) Logic errors   (d) System errors
    (e) None of these

19. A contains specific rules and words that express the logical steps of an algorithm?
    (a) syntax   (b) programming structure
    (c) programming language (d) logic chart
    (e) None of these

20. A Proxy server is used for which of the following?
(a) To provide security against unauthorized users
(b) To process client requests for web pages
(c) To provide TCP/IP
(d) To process client requests for database access
(e) None of these

21. Storage that retains its data after the power is turned off is referred to as?
(a) Volatile storage (b) non-volatile storage
(c) sequential storage (d) direct storage
(e) None of these

22. A hard copy of a document is
(a) stored in the hard disk (b) stored on a floppy
(c) stored on a CD (d) printed on the printer
(e) None of these

23. Which is the part of a computer that one can touch and feel?
(a) Programs (b) Software
(c) Hardware (d) Output
(e) None of these

24. CPU stands for
(a) CD-run on memory (b) central processing unit
(c) call powers up (d) create programs user
(e) None of these

25. This is not a function category in Excel
(a) Logical (b) Data Series
(c) Financial (d) Text
(e) None of these

26. The operating system that is self-contained in a device and resident in the ROM is
(a) Batch Operating System
(b) Real - time Operating System
(c) Embedded Operating System
(d) Multi Operating System
(e) None of these

27. To be able to 'boot', the computer must have a(n) ....
(a) Compiler (b) Loader
(c) Operating System (d) Assembler
(e) None of these

28. On-line real time systems become popular in. .... Generation.
(a) First Generation (b) Second Generation
(c) Third Generation (d) Fourth Generation
(e) None of these

29. is the ability of a device to "jump" directly to the requested data.
(a) Sequential access (b) Random access
(c) Quick access (d) All of the above
(e) None of these

30. is the combination of keys to switch between the last four places that you have edited.
(a) ALT + CTRL + Z (b) ALT + CTRL + Y
(c) ALT + TAB + Z (d) ALT + SHIFT + Z
(e) None of these

31. is the functional key to display save-as box.
(a) F5 (b) F6
(c) F9 (d) F12
(e) None of these

32. Accessing data on tapes is much......... than that accessing data on disks.
(a) Slower (b) Faster
(c) Same (d) All of the above
(e) None of these

33. If you begin typing an entry into a cell and then realize that you don't want your entry placed into a cell, you
(a) Press the Erase key
(b) Press esc
(c) Press the Enter button
(d) Press the Edit Formula button
(e) none of these

34. Superscript, subscript, outline, emboss, engrave are known as
(a) font styles (b) font effects
(c) word art (d) text effects
(e) None of these

35. What is object of UPS?
(a) Using for storage
(b) To increase the speed of a computer
(c) Provides backup power
(d) All of these
(e) None of these

ANSWER KEY

1. (d)	2. (b)	3. (b)	4. (c)	5. (d)
6. (b)	7. (e)	8. (c)	9. (b)	10. (a)
11. (b)	12. (d)	13. (a)	14. (b)	15. (c)
16. (a)	17. (a)	18. (a)	19. (a)	20. (b)
21. (b)	22. (d)	23. (c)	24. (b)	25. (a)
26. (c)	27. (d)	28. (c)	29. (c)	30. (b)
31. (d)	32. (a)	33. (b)	34. (b)	35. (c)

RRB CLERK (MAINS)
(*Practice Test Paper*)

REASONING ABILITY

DIRECTION (1-5):- Study the following information carefully and answer the questions given below.

Eight persons i.e. A, B, C, D, P, Q, R and S are sitting in two parallel rows but not necessarily in same order. Persons sitting in one row are facing the persons sitting in another row. Persons sitting in row 1 are facing North and persons sitting in row 2 are facing South. They get different marks in the exam.

S sits 2nd to the right of the person who faces P. Persons who get minimum and maximum marks in the exam are sitting at extreme ends. Difference between the marks of Q and S is 7. Person who gets 15 marks sits 2nd to the left of the person who gets 40 marks. Person who gets 30 marks is an immediate neighbor of the persons who get 63 and 70 marks. C faces the person who gets 55 marks. Person who gets 50 marks sits immediate left of P. C gets 25 marks. B sits 2nd to the left of D. P faces North. D doesn't get 55 marks. R gets double marks than C.

1. How many marks D gets in the exam?
(A) 15   (B) 25   (C) 30   (D) 40
(E) None of these

2. Who among the following person gets highest marks?
(A) A   (B) Q   (C) P   (D) S
(E) None of these

3. What is the position of A with respect to R?
(A) Immediate right   (B) Immediate left
(C) 2nd to the right   (D) 2nd to the left
(E) None of these

4. Which of the following is not true regarding B?
(A) B sits at extreme end
(B) C faces B
(C) B gets 3rd highest marks
(D) Two persons are sitting between B and S
(E) All are true

5. If P is related to 15, C is related to 50 then, in the same order who is related to 55?
(A) S   (B) D   (C) Q   (D) R
(E) None of these

Direction (6-10):- Study the following information carefully and answer the questions given below.

In the following questions, the symbols @, #, $, %, ! are used with the following meaning as illustrated below.

'A @ B' means 'A is neither smaller than nor equal to B'.
'A # B' means 'A is not smaller than B'.
'A $ B' means 'A is not greater than or equal to than B'.
'A % B' means 'A is not greater than B'.
'A ! B' means 'A is neither greater nor smaller than B'.

Now in each of the following questions assuming the given statements to be true, find which of the conclusions given below is/are definitely true?

6. Statements: P # Q, Q $ R, R ! S, S % T
Conclusions:
I. P @ R   II. P @ S   III. Q $ T
(A) Only Conclusion III is true.
(B) Both Conclusions I and II are true.
(C) Both Conclusion II and III is true
(D) Neither Conclusion I nor III is true.
(E) Both Conclusions I and III are true.

7. Statements: D # F, F @ E, E $ G, G ! H
Conclusions:
I. D ! H   II. F @ G   III. D # G
(A) Only Conclusion I is true.
(B) Both Conclusions I and II are true.
(C) Either Conclusion II or III is true.
(D) Either Conclusion I or III is true.
(E) None of the conclusion is true.

8. Statements: S ! U, M # O, N @ M, S $ O
Conclusions:
I. N % U   II. S $ M   III. O @ U
(A) Only Conclusion III is true.
(B) Both Conclusions I and II are true.
(C) Both Conclusion II and III ares true.
(D) Either conclusion I or III is true.
(E) None of the conclusion is true.

9. Statements: X # W, U % V, T ! X, W $ U
Conclusions:
I. V @ T   II. W % V   III. W $ T
(A) None of the conclusion is true.
(B) Both Conclusions I and II are true.
(C) Either Conclusion II or III is true.
(D) Both conclusion I and II are true.
(E) Either one of the conclusion is true.

10. Statements: U $ J, R @ J, K # R, L % K
Conclusion:
I. K @ J   II. U $ K   III. R ! L
(A) Only conclusion II is true.
(B) Both Conclusions I and III are true.
(C) Only conclusion I is true.
(D) Both conclusion I and II are true.
(E) None of the conclusion is true.

DIRECTION (11-14):- Study the following information carefully to answer the given questions.

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement.

Input: 2563 2156 8536 3245 2587 4521

Step I: 2356 1256 3568 2345 2578 1245

Step II: 3568 2578 2356 2345 1256 1245

Step III: 22 22 16 14 14 12

Step IV: 11 11 8 7 7 6

Step IV is the last step of the rearrangement. As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

Input: 7584 2563 2754 8965 2145 6424

11. What will come when 3rd number from left in step I is divided by 4th number from right in step IV?
    (A) 113   (B) 184   (C) 273   (D) 322
    (E) None of these

12. What will come after adding the numbers which is second, fourth and sixth from the left end in step III?
    (A) 52   (B) 56   (C) 58   (D) 62
    (E) None of these

13. Which of the following would be the difference of the numbers which is 2nd from left end in step III and 3rd from right end in Step IV?
    (A) 12   (B) 16   (C) 18   (D) 20
    (E) None of these

14. Which of the following element will be 2nd to the right of 3rd from the left end in step II?
    (A) 5689   (B) 4578   (C) 2457   (D) 2446
    (E) None of these

15. Analyzing resting state functional MRIs, the study, published recently in the online journal NeuroImage Clinical, reveals that HIV-infected children have lower neuropsychological test scores thus reflecting reduced memory span, attention deficit and decreased visual-motor coordination among other conditions.

    Which of the following can be inferred from the given statement?

    (A) Those children who are not infected with HIV have sharper memory.

    (B) Only MRI's can provide the exact picture or image of your inside body.

    (C) These symptoms such as reduced memory span, attention deficit and decreased visual-motor coordination can only be seen among children.

    (D) HIV is a disease which only affects the brain in the human body.

    (E) HIV infected Children who are neuropsychologically stronger are less venerable towards disease such as reduced memory span, attention deficit etc.

Direction (16-20):- Study the given information carefully and answer the following questions below.

Eight boxes are numbered from 1 to 8, each box have a letter from A to H but not necessarily in the same order. Inside each box there is a card each with different numbers written on it. The numbers are 11, 12, 15, 17, 18, 26, 28 and 30. The arrangement is such that the card number is not a multiple of the box number.

Box 1 has letter F and a card which has 11 written on it. Box 3 does not have 28 numbered card. Boxes 5 has letter H, 7 has 12 numbered card, 8 has letter E, and the box which has letter C has 28 numbered card. The box containing letter A has the card number exactly between the card number of Boxes containing letters B and D. Box in which letter G is kept, lies exactly between boxes having letter A and D. The neighboring boxes do not have consecutive numbered cards.

16. Which numbered card does box 4 has?
    (A) 15   (B) 17   (C) 12   (D) 30
    (E) 28

17. Which box has letter E?
    (A) 8   (B) 7   (C) 6   (D) 5
    (E) 4

18. Which numbered card does the box which has letter D contain?
    (A) 15   (B) 17   (C) 18   (D) 26
    (E) None

19. Which number is written on the card that box 8 contains?
    (A) 26   (B) 18   (C) 12   (D) 30
    (E) None

20. How many boxes are there between Box having letter A and 18 numbered card?
    (A) 1   (B) 2   (C) 3   (D) 4
    (E) None

DIRECTION (21-25):-Study the following information carefully and answer the questions given below.

There are two rows given and to find out the resultant of a particular row we need to follow the following steps: -

Step 1: If an odd number is followed by an even number then the resultant will be the addition of both the numbers.

Step 2: If an even number is followed by a prime number then the resultant will be the difference of that prime number and the even number.

Step 3: If an even number is followed by another even number (but not a prime number) then the resultant will be the addition of both the numbers.

Step 4: If an even number is followed by an odd number (but not a prime number) then the resultant comes by multiplying the numbers.

Step 5: If an odd number is followed by another odd number then the resultant will be the division of first number by the second number.

21. Find the sum of the resultant of two rows?

4	23	10
12	6	17

(A) 37   (B) 30   (C) 19   (D) 34

(E) None of the above

22. Find the difference of the resultant of two rows?

27	9	12
18	5	13

(A) 16   (B) 77   (C) 51   (D) 14

(E) None of the above

23. Find the value of P if the addition of the resultant of first and second row is 25?

2	9	P
5	8	13

(A) 10   (B) 11   (C) 9   (D) 6

(E) 12

24. Find the value of X if the addition of the resultant of two rows is 34?

6	9	23
5	4	X

(A) 11   (B) 20   (C) 4   (D) 6

(E) 3

25. Study the information carefully and find which of the following can be concluded from the given statement. Company A's profit has been declining in third continuous year and its employees are also resigning from the company as they are not finding their future secure in the company.

Conclusion: (I) The employees of company A who resigned got better opportunities.

(II) The company A's profit has been declining as its product is not based latest technology.

(A) Only I   (B) Only II

(C) Both I and II   (D) Either I or II

(E) Neither I nor II

Direction (26-30):- Study the following information and answer the given below questions.

Eight friends James, Pruthvi, Dhanraj, Rachana, Sujatha, Chinmay, Rakesh and Chiru are sitting around a square table in such a way that four of them sit at four corners of the square while four sit in the middle of each of the four sides. The one who sit at the four corners face the center of the table while those who sit in the middle of the sides face outside. Each one of them likes a different subject viz. Mathematics, French, English, Biology, Chemistry, Physics, History and Geography not necessarily in the same order.

Dhanraj sits third to left of the one who likes Geography. The one who likes Geography faces outside. Only two people sit between Dhanraj and Chiru. The one who likes Mathematics sits to immediate right of Chiru. The one who likes Chemistry sits second to the right of Rakesh. Rakesh is neither an immediate neighbour of Chiru nor Dhanraj. Rakesh does not

like Geography, only one person sits between James and the one who likes Chemistry. Rachana sits to immediate left of the one who likes Physics. Rakesh does not like Physics. Sujatha likes History. Sujatha is not an immediate neighbour of James. The one who likes French is an immediate neighbour of Sujatha. The one who likes Biology is an immediate neighbour of Chinmay.

26. Who amongst the following sits diagonally opposite the one who likes Mathematics?

(A) The one who likes French   (B) Rachana

(C) The one who likes English   (D) Chiru

(E) Can't be determined

27. Who amongst the following represents the immediate neighbors of the one who likes Chemistry?

(A) Sujatha, Rakesh

(B) Sujatha, the one who likes Physics

(C) The one who likes History and Pruthvi

(D) Pruthvi and the one who likes French

(E) Can't be determined

28. Who amongst the following sits exactly between Chinmay and Chiru?

(A) The one who likes French

(B) The one who likes English

(C) Rachana

(D) Pruthvi

(E) Can't be determined

29. What is the position of the one who likes Physics with respect to Rakesh?

(A) Second to the left   (B) Third to the right

(C) Fourth to the left   (D) Second to the right

(E) Third to the left

30. Which of the following subject does Pruthvi like?

(A) Physics   (B) Chemistry

(C) Geography   (D) English

(E) Can't be determined

DIRECTION (31-35):- Read the following information carefully and answer the questions given below.

Twelve persons i.e. A, D, F, I, K, L, P, S, W, X, Y and Z who all bought mobiles on different days one after the other (but not necessarily in the same order). Five persons bought mobiles between F and X. F bought mobile before X but did not buy the first. D bought mobile immediately before W. Two persons bought mobile between L and X. Three persons bought mobile between W and S who bought mobile after L. Z bought mobile before A but after P who was not the first one to buy. More than one person bought mobile between P and L. Two persons bought mobile between I and X. K bought mobile immediately after S.

31. Which of the following statement is true regarding S?

(A) Three persons bought mobile between S and D

(B) L did not buy mobile immediately before S

(C) Two persons bought mobile between F and S

(D) Only four persons bought mobile after S

(E) All are incorrect

32. How many persons bought mobile between Y and Z?

(A) Two   (B) Three

(C) Four   (D) Five

(E) None of these

33. Which of the following statement is false regarding P?

(A) P bought mobile immediately after Y

(B) Three persons bought mobile between P and L

(C) P bought mobile immediately before Z

(D) P bought mobile before K

(E) All are correct

34. How many persons bought mobile between I and K?

(A) Four   (B) Five

(C) Two   (D) None

(E) Three

35. Who bought mobile immediately before A?

(A) Y   (B) L

(C) S   (D) P

(E) None of these

Direction (36-38):- In the question below are given four statements followed by four conclusions numbered I, II III, IV. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts.

36. Statements:

All candles are lamps

No lamps are cushions

No handles are lamps

Some bags are cushions

Conclusions:

I. Some cushions are handles

II. All candles are handles

III. Some lamps are candles

IV. No cushions are handles

(A) Only I follows

(B) Either I or IV and III follows

(C) Only III follows.

(D) Only II and III follow.

(E) None follows

37. Statements:

All bananas are apples

All apples are grapes

No apples are oranges

Some oranges are melons

Conclusions:

I. Some bananas are oranges

II. No melons are grapes

III. Some grapes are apples

IV. All oranges are melons

(A) Only I follows

(B) None follows.

(C) Only III follows.

(D) Only II and III follow.

(E) Either I or III follows

38. Statements:

Some cars are trains.   All planes are trucks.

All trains are planes.   All trucks are bikes.

Conclusions:

I. Some cars are planes.   II. All planes are trains.

III. All trucks are cars.   IV. All planes are cars.

(A) Only I follow

(B) Only I & III follow

(C) Only III & IV follow

(D) Only II & III follow

(E) Only II follows

Direction (39-40):- Study the following information carefully and answer the questions given below.

(A) 'X' % Y' means 'X is the father of Y'.

(B) 'X × Y' means 'X is the daughter of Y'.

(C) 'X + Y' means 'X is the son of Y'.

(D) 'X ÷ Y' means 'X is the wife of Y'

39. Which of the following expression show that J is the material uncle of L?

(A) J × F % W ÷ N % L

(B) J + F % W ÷ N % L

(C) J + F + W ÷ N % L

(D) J × F × W % N ÷ L

(E) None of these

40. V + P ÷ Q % D % A, How does V is related to D?

(A) Brother   (B) Mother

(C) Father   (D) Sister

(E) None of these

QUANTITATIVE APTITUDE

DIRECTION (41-45):- Pie chart given below shows percentage distribution of vacancy issued for the post of clerk by RRB in five different area and table shows distribution of no. of vacancy for three different categories i.e. (General, OBC, and SC/ST). Some data is missing in the table you have to calculate the data according to given information and answer the following questions.

Total vacany = 48000
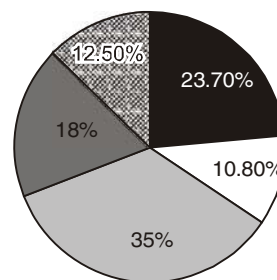
A   B   C   D   E

Area	General	OBC	SC/CT
A	5000	4480	-
B	2000	-	1888
C	-	-	-
D	5544	-	-
E	-	2000	1000

41. Vacancy for SC/ST category in area A is how much more or less than no. of vacancy for OBC category in area B?
(A) 600 more   (B) 500 less   (C) 400 less   (D) 600 less
(E) 400 more

42. If in area C vacancy for General and SC/ST category is 320% more and 1612 more than vacancy of same category in area B respectively, find ratio of vacancy for General, OBC and SC/ST category in area C?
(A) 11:9:4   (B) 12:7:5   (C) 12:5:1   (D) 6:5:1
(E) None of these

43. No. of vacancy for OBC category in area C is approximately how much percent more or less than no. of vacancy for General in area E?
(A) 63% less   (B) 60% less   (C) 63% more   (D) 67% more
(E) 68% less

44. What is the ratio of total vacancy in area A and E together to total vacancy in area D?
(A) 2:1   (B) 181:90   (C) 161:90   (D) 4:5
(E) 121:70

45. If in area D, difference between vacancy for OBC and SC/ST (OBC>SC/ST) is 936, then find vacancy for SC/ST in area D is how much more than vacancy for same category in area E?
(A) 100   (B) 108   (C) 64   (D) 80
(E) 120

DIRECTION (46-50):- In the following question two equations are given. You have to solve the equations and mark the answer accordingly.

46. I. $8p^2 - 78p + 169 = 0$
II. $20q^2 - 117q + 169 = 0$
(A) $p \geq q$ (B) $p \leq q$ (C) $p > q$ (D) $p < q$
(E) p = q or relationship between p and q cannot be established

47. I. $\dfrac{15}{\sqrt{p}} + \dfrac{9}{\sqrt{p}} = 11\sqrt{p}$

II. $\dfrac{\sqrt{q}}{4} + \dfrac{5\sqrt{q}}{12} = \dfrac{1}{\sqrt{q}}$

(A) $p \geq q$ (B) $p \leq q$ (C) $p > q$ (D) $p < q$
(E) p = q or relationship between p and q cannot be established

48. I. $2p^2 + 3p - 20 = 0$ II. $2q^2 + 19q + 44 = 0$
(A) $p \geq q$ (B) $p \leq q$ (C) $p > q$ (D) $p < q$
(E) p = q or relationship between p and q cannot be established

49. I. $p^2 + 23p + 130 = 0$ II. $q^2 - 25 = 0$
(A) $p > q$ (B) $p < q$ (C) $p \geq q$ (D) $p \leq q$
(E) p = q or if relationship between p and q cannot be established

50. I. $p^2 = 64$ II. $q^2 = 9q$
(A) $p < q$ (B) $p > q$ (C) $p \geq q$ (D) $p \leq q$
(E) p = q or relation cannot be established

DIRECTION (51-55):- Find the wrong number in the following series.

51. 2560 2056 1720 1516 1390 1330 1306
(A) 2056   (B) 1720   (C) 1516   (D) 1330
(E) 1306

52. 20 144 192 288 480 860 1632
(A) 144   (B) 288   (C) 1632   (D) 860
(E) 480

53. 85 120 197 340 561 884 1325
(A) 1325   (B) 197   (C) 884   (D) 340
(E) 120

54. 160 190 232 285 360 450 560
(A) 560   (B) 360   (C) 232   (D) 160
(E) 285

55. 314 350 395 458 530 614 710
(A) 614   (B) 395   (C) 530   (D) 710
(E) 314

DIRECTION (56-60):- Each question below is followed by two statements I and II. You have to determine whether the data given in the statement is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose the best possible answer.

56. What is the average of A, 50, 76, 82, B and C?
I. A is six more than B.
II. B is four less than A.
(A) If the data in statement I alone is sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
(B) If the data in statement II alone is sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
(C) If the data either in statement I alone or in statement II alone is sufficient to answer the question
(D) If the data even in both the statement I and II together are not sufficient to answer the question
(E) If the data in both statement I and II together are needed to answer the question

IBT
Institute
Pvt. Ltd

57. What is the percentage profit earned by selling a bike for Rs. 54000?

I. The amount of profit earned by selling the bike is Rs. 27000.

II. The Selling Price of the bike is twice the Cost Price.

(A) If the data in statement I alone is sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question

(B) If the data in statement II alone is sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question

(C) If the data either in statement I alone or in statement II alone is sufficient to answer the question

(D) If the data even in both the statement I and II together are not sufficient to answer the question

(E) If the data in both statement I and II together are needed to answer the question

58. Is a two-digit number divisible by 5?

I. The sum of the two-digit of the number is 7.

II. The product of the two digits of the number is 10.

(A) If the data in statement I alone is sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question

(B) If the data in statement II alone is sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question

(C) If the data either in statement I alone or in statement II alone is sufficient to answer the question

(D) If the data even in both the statement I and II together are not sufficient to answer the question

(E) If the data in both statement I and II together are needed to answer the question

59. How many students from Institute N got placement?

I. The number of students studying in Institute M and N are in the ratio of 5 : 7.

II. 55% of the students studying in institute N got placement.

(A) If the data in statement I alone is sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question

(B) If the data in statement II alone is sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question

(C) If the data either in statement I alone or in statement II alone is sufficient to answer the question

(D) If the data even in both the statement I and II together are not sufficient to answer the question

(E) If the data in both statement I and II together are needed to answer the question

60. What is the labeled price of the article?

I. The profit earned would be 20% if no discount is offered.

II. The SP after offering 10% discount on the labeled price is Rs. 720.

(A) If the data in statement I alone is sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question

(B) If the data in statement II alone is sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question

(C) If the data either in statement I alone or in statement II alone is sufficient to answer the question

(D) If the data even in both the statement I and II together are not sufficient to answer the question

(E) If the data in both statement I and II together are needed to answer the question

DIRECTION (61-65):- Table given below gives information about cost price, selling price, profit/loss%(+ve/-ve) and discount % of five different articles, some data are missing in the table calculate the data according to information and answer the following questions.

Article	Cost price	Selling price	Profit/loss%	Discount%
A	-	600	-	-
B	500	200	-	68%
C	-	-	-	10%
D	150	-	$-33\frac{1}{3}\%$	-
E	450	-	$11\frac{1}{9}\%$	$16\frac{2}{3}\%$

61. If for article C profit earned is Rs.100 more than discount given and market price of article C is Rs. 650 more than selling price of article D, find cost price of article C?

(A) Rs. 675   (B) Rs. 525   (C) Rs. 550   (D) Rs. 625

(E) Rs. 500

62. If article A is marked 100% above cost price and discount percentage is half of profit percentage, find market price for the same article?

(A) Rs. 800   (B) Rs. 600   (C) Rs. 750   (D) Rs. 1000

(E) Rs. 650

63. Profit earned on article E is approximately how much percent less than loss incurred on article B?

(A) 66%   (B) 83%   (C) 111%   (D) 133%

(E) 87%

64. What is the ratio of market price of article B to market price of article C, if selling price of article C is Rs.675?

(A) 2:3   (B) 1:1   (C) 4:5   (D) 5:6

(E) None of these

65. Selling price of E is how much percent more than cost price of article D?

(A) 200% (B) 150% (C) $166\frac{2}{3}\%$ (D) $233\frac{1}{3}\%$

(E) None of these

Direction (66-70):- Read the following information carefully and answer the questions that follow.

Five members of a family viz. Mr. Rohit his wife Sujata, their two children Varsha and Vaibhav and their daughter-in-law monika spent different amount from their respective salaries in a month. Total expenditure of the family per month is Rs. 3,30,000 which is 75% of the total income of the family per month. Sujata's saving is 1/3rd of the savings of her daughter - in - law who earns Rs. 60,000 a month and spent 60% of her salary. Salary earned by Varsha is the highest in the family i.e. Rs. 1,20,000 per month and her expenditure is twice the expenditure of Monika. Sujata saves 10% of her income and her husband saves 20% of his income. Mr. Rohit earns Rs. 90,000 per month. The total saving of the family is Rs. 1,10,000.

66. What is the ratio of the salary earned to salary spent by Monika in a month?

(A) 3 : 5 (B) 5 : 3 (C) 5 : 2 (D) 2 : 3

(E) None of these

67. What is the average salary of the family per month?

(A) Rs 58,000 (B) Rs. 68,000
(C) Rs 88,000 (D) Rs 92,000
(E) None of these

68. What is the difference between the amount spent by Sujata and Varsha in a month?

(A) Rs. Nil (B) Rs. 6, 000
(C) Rs. 16, 000 (D) Rs. 21, 000
(E) None of these

69. Salary earned by Monika is what % of salary earned by Sujata?

(A) 35% (B) 42% (C) 50% (D) 75%

(E) None of these

70. Income of which of the following two members of the family is same?

(A) Sujata and Vaibhav (B) Mr. Rohit and Sujata
(C) Varsha and Monika (D) Mr. Rohit and Vaibhav
(E) None of these

71. B is 40% less efficient than A who can complete the work in 50% less time than C. If 75% of total works can be completed in 15 day by B working alone then find in how many day A and C working together can complete the 80% of the work?

(A) 6.4 days (B) 4 days
(C) None of these (D) 4.6 days
(E) 6 (2/3) days

72. How many three-digit number which are divisible by 4 can be formed using 0,2,3,4, with repetition of numbers?

(A) 20 (B) 15 (C) 28 (D) 7

(E) 21

73. Ratio of present salary of Ankit and Pankaj is 6:5 and ratio of their present salary to previous year salary is 4:3 and 5:4 respectively. If difference between previous year salary of Ankit and Pankaj is Rs.2000, then find present salary of Pankaj?

(A) Rs 24000 (B) Rs 18000 (C) Rs 20000 (D) Rs 16000

(E) Rs 21000

74. In a mixture of 42 lit, water is 80% less than milk, if x lit of milk and $86\frac{2}{3}\%$ of x lit of water are mixed in the mixture respectively then ratio of water to milk become 2:5, find 20% of x?

(A) 5 lit (B) 2 lit (C) 3 lit (D) 7 lit

(E) 1 lit

75. A shopkeeper gives 20% discount on each article. He also gives one article free at every 4 articles he sold and earns 8% profit, if M.R.P. of each article is Rs. 270 find cost price of one article when he bought five articles?

(A) Rs. 150 (B) Rs. 120 (C) Rs. 160 (D) Rs. 100

(E) None of these

76. A carriage travels in the fog passed along a person who was walking @ 3 kmph in the same direction. He could see the carriage for 4 minutes and it was visible to him up to a distance of 100 metres. What was the speed of carriage?

(A) 9.5 kmph (B) 4.5 kmph (C) 6.5 kmph (D) 8.5 kmph

(E) 7.5 kmph

77. A shopkeeper sold an article at profit of 10%. Had he bought it at 10% less and sold it for Rs. 3 more, then he would have earned a profit of 25%. Find the cost price of the article?

(A) 150 (B) 170 (C) 140 (D) 120

(E) 180

78. By mistake, instead of dividing Rs. 11280 among A, B and C in the ratio 1/3 : 1/4 : 1/5 it was divided in the ratio of 3 : 4 : 5. Who gains the most and by how much?

(A) C, Rs. 1680 (B) A, Rs. 1820
(C) C, Rs. 1820 (D) B, Rs. 1680
(E) A, Rs. 1150

79. Hemant invested Rs. 512 at R% per annum at SI and received Rs. 768 as amount after two years, find how much he would loss (approximate), if he would have invested the same at 40% of R% for two years at CI? (compounded annually)

(A) Rs.200 (B) Rs.150 (C) Rs.175 (D) Rs.160

(E) Rs.125

80. If curved surface area and total surface area of a cylinder are 330 m^2 and 1023 m^2 respectively. Find ratio of radius to height of cylinder?

(A)10 : 7 (B) 7 : 5 (C)21 : 10 (D) 21 : 5

(E) Can't be determined

ENGLISH (OPTIONAL)

DIRECTION (81-85):- In the following question, one part of the sentence may have an error. Find out which part of the sentence has an error and click the option corresponding to it. If the sentence is free from error, click on option 5 which is the No error option.

81. Rita was of the opinion (A)/ that her parents would agree (B)/ to Jerry's marriage proposal (C)/ only if Jerry managed to get a good job. (D)/ No error (E)

    (A) A   (B) B   (C) C   (D) D
    (E) E

82. The Chairman, along with his colleagues (A)/ were glued to the television (B)/ on the day the budget was announced (C)/ by the Finance Minister. (D)/ No error. (E)

    (A) A   (B) B   (C) C   (D) D
    (E) E

83. The rise and fall of the Roman empire (A)/ have been (B)/ well-chronicled (C)/ by the British historian, Edward Gibbon. (D)/ No error. (E)

    (A) A   (B) B   (C) C   (D) D
    (E) E

84. After suffering from a massive heart attack (A)/, Ramesh decided to (B)/ abstain of meat (C)/ and other animal products. (D)/ No error. (E)

    (A) A   (B) B   (C) C   (D) D
    (E) E

85. The Prime Minister boasted with the fact (A)/ that since his party had an absolute majority (B)/ in both the houses of parliament, (C)/ he could pass any legislation that he so desired. (D)/ No error. (E)

    (A) A   (B) B   (C) C   (D) D
    (E) E

DIRECTION (86-90):- Rearrange the following sentences in the proper sequence to form a meaningful paragraph and then answer the questions given below.

(A) They are even deemed a threat to the official currency and monetary system.

(B) As they need neither a central issuing authority nor a central validating agency for transactions, these currencies can exist and thrive outside the realm of authority and regulation.

(C) Bitcoin suddenly soared this week, with the bitcoin price rising more than 20% in the last seven days and jumping over $500 per bitcoin in a matter of minutes last night, only to fall back again.

(D) Governments and economic regulators across the world are wary of private cryptocurrencies.

(E) But six of the seven jurisdictions that its report cites have banned cryptocurrencies outright.

(F) The question then is whether banning cryptocurrencies is the most effective way to respond.

(G) Thus, inter-ministerial committee believes it is going so far as to draft a law that mandates a fine and imprisonment of up to 10 years for issuing and circulating cryptocurrencies.

86. Considering statement (A) "They are even deemed a threat to the official currency and monetary system." as the THIRD sentence of the rearranged paragraph, then which among the following fails to become the part of the coherent paragraph?

    (A) E   (B) B   (C) D   (D) C
    (E) None of these

87. Considering statement (A) " They are even deemed a threat to the official currency and monetary system." as the THIRD sentence of the rearranged paragraph, then from the given options, which of the following can fit the above passage after rearrangement to make a coherent and meaningful paragraph?

(A) Many cryptocurrency experts and analysts were quick to suggest that bitcoin's rise in tandem with the fall in the yuan means it's becoming a safe haven asset.

(B) China, which India has taken a cue from, has gone for an outright ban.

(C) When this happens it can cause the market to suddenly and unexpected move in one direction, often to soon return to where it was trading previously.

(D) While some of these accusations may be politically motivated, some others may not be.

(E) None of the above.

88. Considering statement (A) "They are even deemed a threat to the official currency and monetary system." as the THIRD sentence of the rearranged paragraph, then from the given options, which of the following would be the first sentence after rearrangement?

    (A) E   (B) A   (C) F   (D) D
    (E) None of these

89. Considering statement (A) " They are even deemed a threat to the official currency and monetary system." as the THIRD sentence of the rearranged paragraph, then from the given options, among the following pairs which one of them is formed with two consecutive statements after the rearrangement?

    (A) FG   (B) AD   (C) CD   (D) GA
    (E) None of these.

90. Considering statement (A) "They are even deemed a threat to the official currency and monetary system." as the THIRD sentence of the rearranged paragraph, then from the given options, which of the following would be the penultimate sentence after rearrangement?

    (A) G   (B) A   (C) F   (D) B
    (E) None of these

DIRECTION (91-100):- Read the following passage carefully and answer the given questions.

A definite legal definition of 'privacy' is not available. Some legal experts tend to define privacy as a human right enjoyed by every human being by virtue of his or her existence. It depends on no instrument or charter. Privacy can also extend to other aspects, including bodily integrity, personal autonomy, informational self-determination, protection from state surveillance, dignity, **confidentiality**, compelled speech and freedom to dissent or move or think. In short, the right to privacy has to be determined on a case-by-case basis. Privacy enjoys a robust legal framework internationally. Article 12 of the Universal Declaration of Human Rights, 1948 and Article 17 of the International Covenant on Civil and Political Rights (ICCPR), 1966, legally protect persons against "arbitrary interference" with one's privacy, family, home, correspondence, honour and reputation. India signed and ratified the ICCPR on April 10, 1979, without reservation. Article 7 and 8 of the Charter of Fundamental Rights of the European Union, 2012, recognises the respect for private and family life, home and communications. Article 8 mandates protection of personal data and its collection for a specified legitimate purpose.

The trigger is the government's Aadhaar scheme, which collects personal details and biometrics to identify beneficiaries for government welfare schemes. A bunch of petitions was filed in the Supreme Court in 2015 terming Aadhaar a breach of privacy. The petitioners argued that Aadhaar enrolment was the means to a "totalitarian state" and an open invitation for personal data leakage.

The government countered that the right to privacy of an "elite few" is submissive to the right of the masses to lead a dignified life in a developing country. It said informational privacy does not exist before **compelling** state interests and is not an absolute right. It reasoned that collection and use of personal data of citizens for Aadhaar — now a law under the Aadhaar (Targeted Delivery of Financial and Other Subsidies, Benefits and Services) Act of 2016 — benefits millions of poor. The government claims Aadhaar is a **panacea** for corruption in public distribution, money-laundering and terror funding. **Plagued** by contradictions in the past judicial pronouncements on whether or not privacy is a fundamental right, a five-judge Constitution Bench of the Supreme Court decided to refer the question to a nine-judge Bench.

This nine-judge Bench, led by Chief Justice of India J.S. Khehar, for the first time, is engaged in an intense debate with legal scholars and prominent lawyers on whether or not privacy is a fundamental right in the Constitution. At the same time, the judges and the legal community are vexed by the amorphous nature of privacy.

The government argues that right to privacy is not expressly included in the Constitution as the founding fathers rejected or jettisoned the idea of inclusion of privacy as a fundamental right. But petitioners insist that the recognition of privacy as a fundamental freedom is an essential deterrent against intrusion into personal space and data by state and private players in a technologically dynamic society.

91. Which of the following is most opposite in meaning to the word **'panacea'**?
(A) Cure   (B) Remedy   (C) Elixir   (D) Pain
(E) Relief

92. Why is it difficult for the judges to decide on the matter of right to privacy in the context of the government of India's Aadhaar scheme?
A: Vague nature of privacy   B: Political pressure   C: Bias of the judges
(A) Only A is true   (B) Only B is true
(C) Only C is true
(D) A and B are true and C is false
(E) All are false

93. Which of the following is most similar in meaning to the word 'confidentiality'?
(A) Public   (B) Known   (C) Classifie   (D) Revealed
(E) Familiar

94. What is the aim of the writer in writing the above passage?
(A) To give an understanding of the debate around the issue of right to privacy.
(B) To show how our society is technologically dynamic.
(C) To argue for the Aadhaar scheme.
(D) To argue against the Aadhaar scheme.
(E) None of the above

95. What do you understand by 'totalitarian state'?
(A) Authority rests with a few people
(B) Authority rests with a single person with absolute power
(C) No limits to the authority of the state
(D) No limits to personal authority of each person
(E) God is the source of all authority

96. Which of the following articles is most directly related to the government of India's Aadhaar scheme?
(A) Article 12 of the Universal Declaration of Human Rights, 1948.
(B) Article 17 of the International Covenant on Civil and Political Rights (ICCPR), 1966.
(C) Article 7 of the Charter of Fundamental Rights of the European Union, 2012
(D) Article 8 of the Charter of Fundamental Rights of the European Union, 2012
(E) None of the above

97. Which of the following statements would the government agree with?
(A) Aadhaar would lead to breach of privacy.
(B) Aadhaar upholds privacy.
(C) Aadhaar allows elite few to lead a dignified life.
(D) State interest comes before informational privacy of citizens.
(E) Aadhaar is an open invitation for personal data usage.

98. Which of the following is most similar in meaning to the word **'plagued'**?

(A) Palatable   (B) Infested

(C) Incredible   (D) Disguisable

(E) Incredulous

99. Which of the following is most opposite in meaning to the word **'compelling'**?

(A) Irresistible   (B) Imperative

(C) Optional   (D) Coercive

(E) Forcible

100. Consider the following statements with respect to the definition of **'privacy'** and mark the correct option.

A: Privacy has to be determined case to case.

B: Privacy enjoys a strong legal definition.

(A) Only A is true   (B) Only B is true

(C) A is partially true   (D) Both are true

(E) Both are false

DIRECTION (101-105):- In the questions given below few sentences are given which are grammatically correct and meaningful. Connect them by the word given above the statements in the best possible way without changing the intended meaning. Choose your answer accordingly from the options to form a correct, coherent sentence.

101. However

(A) India has been a common civilizational unit for many centuries.

(B) The economic integration of the territory began in earnest only under colonial rule.

(C) The big thrust towards economic integration came from the public sector in the age of planning.

(D) The obvious treachery by the British was planned and executed under Op Gulmarg.

(A) Only D-B   (B) Only C-B

(C) Both A-B and A-C   (D) Only B-C

(E) None of these

102. But

(A) An Aadhaar holder can now opt for offline verification through QR code with consent.

(B) Banks had pinned their hopes on a cheap Aadhaar-based verification process.

(C) A lending crisis among the country's shadow banks, which affect all the citizens who have Aadhaar card linked.

(D) Banks got a jolt once the Supreme Court ruled that Aadhaar was not mandatory for bank accounts or phone connections.

(A) Only D-A   (B) Only B-D

(C) Both C-B and C-D   (D) Only C-D

(E) None of these

103. Instead

(A) Payment banks were conceptualized as new-age entities that would grant transactional ease to people in far-flung parts of the country.

(B) Unlike classic banks Payment banks are not advancers of loans.

(C) Four of Payment banks gained within months.

(D) In their current form, classical banks serve largely as money-transfer channels.

(A) Only B-A   (B) Only A-C

(C) Both A-B and A-D   (D) Both (a) and (b)

(E) None of these

104. Since

(A) The head of treasury operations said that the central bank will continue to do as much as needed.

(B) The US had also consider the current global scenario to arrive at a decision.

(C) The US has also labelled China a currency manipulator.

(D) The liquidity surplus is at ¹ 1.5-¹ 2 trillion.

(A) Only D-A   (B) Only C-B

(C) Both A-D   (D) Only C-D

(E) None of these

105. Hence

(A) The Conversation aims to rebuild trust in experts and promote more informed public debate.

(B) Governments have long been suspicious of private currencies for good reasons.

(C) The large savings accounts offer an interest rate of 2.75 per cent below the RBI's Repo Rate

(D) The effective interest rate on large SBI savings accounts will automatically change to 2.65 per cent.

(A) Only D-A   (B) Only C-B

(C) Both C-A and C-B   (D) Only C-D

(E) None of these

DIRECTION (106-113):-A passage is given below with ten blanks labelled (A)-(H). From the given options, choose the word that fits each blank most appropriately in the context of the passage, and mark the corresponding answer.

The central principle that should guide the Centre in _____ (A) _____ maternal and child nutrition is that early childhood is the foundation for the health and well-being of an individual. Tinkering with the existing national programme of providing hot-cooked meals to children three to six years old, and take-home rations for younger children and pregnant and lactating mothers is _____ (B) _____ with danger. Attempts to _____ (C) _____ meals or rations with factory-made nutrients will inject _____ (D) _____ into a key mission, and upset the nutritional basis of the scheme. Good sense has prevailed, and the newly-formed inter-ministerial National Council on India's Nutrition Challenges has chosen to continue the current practice, _____ (E) _____ the Minister for Women and Child Development,

Maneka Gandhi, who proposed distribution of packaged nutrients to _____ (F) _____. Raising nutritional standards for young children has become a policy _____ (G) _____ only in recent years, with the National Food Security Act, 2013, incorporating the mandate in Schedule II, and the Supplementary Nutrition (Integrated Child Development Services Scheme) Rules, 2017, laying down entitlements. Food and Public Distribution Minister Ram Vilas Paswan's emphasis on strengthening these legal guarantees by providing more nutritious hot-cooked meals and rations with the help of local self-help groups is to be _____ (H) _____.

106. Which of the following words most appropriately fits the blank labelled (A)?
(A) Decreasing   (B) Diminishing
(C) Improving   (D) Abolishing
(E) Degrading

107. Which of the following words most appropriately fits the blank labelled (B)?
(A) Empty   (B) Shear   (C) Fragile   (D) Fraught
(E) Notch

108. Which of the following words most appropriately fits the blank labelled (C)?
(A) Substitute   (B) Subside
(C) Suspend   (D) Suspicious
(E) Seditious

109. Which of the following words most appropriately fits the blank labelled (D)?
(A) Demonitization   (B) Commercialisation
(C) Personalisation   (D) Dehumanisation
(E) Colonisation

110. Which of the following words most appropriately fits the blank labelled (E)?
(A) Allowing   (B) Permitting
(C) Overruling   (D) Supporting
(E) Adding

111. Which of the following words most appropriately fits the blank labelled (F)?
(A) Satisfactory   (B) Authorities
(C) Humanities   (D) Beneficiaries
(E) Patients

112. Which of the following words most appropriately fits the blank labelled (G)?
(A) Optional   (B) Trivial
(C) Voluntary   (D) Free
(E) Imperative

113. Which of the following words most appropriately fits the blank labelled (H)?
(A) Shunned   (B) Welcomed
(C) Neglected   (D) Cautioned
(E) Raised

DIRECTION (114-118):- In the following questions a part of the sentence is given in bold, it is then followed by three sentences which try to explain the meaning of the phrase given in bold. Choose the best set of alternatives from the five options given below each question which explains the meaning of the phrase correctly without altering the meaning of the sentence given as question.

114. Recent carbon tariff disputes have made nations **at daggers drawn**.
(I) Recent carbon tariff disputes have made nations **on bad terms**.
(II) Recent carbon tariff disputes have made nations **allies with each other.**
(III) Recent carbon tariff disputes have made nations **at odds.**
(A) Only (I)   (B) Only (II)
(C) Both (I) and (III)   (D) Only (III)
(E) All (I) (II) and (III)

115. The foreman **hit the nail on the head** when he said that the machine had malfunctioned because of a faulty spark plug.
(I) The foreman **was exactly right** when he said that the machine had malfunctioned because of a faulty spark plug.
(II) The foreman **hit his head with the nail** when he said that the machine had malfunctioned because of a faulty spark plug.
(III) The foreman **precisely explained the problem** when he said that the machine had malfunctioned because of a faulty spark plug.
(A) Only (I)   (B) Only (II)
(C) Both (I) and (II)   (D) Both (I) and (III)
(E) All (I) (II) and (III)

116. It's **raining cats and dogs** I am worried about how my kids will reach home.
(I) It's **raining tremendously** I am worried about how my kids will reach home.
(II) It's **a heavy downpour** I am worried about how my kids will reach home.
(III) It's **a torrential rain** I am worried about how my kids will reach home.
(A) Only (I)   (B) Only (II)
(C) Both (I) and (II)   (D) Only (III)
(E) All (I) (II) and (III)

117. This was, of course, dangerous, for we were in full view of the enemy, but it was becoming more and more evident that we were **in a tight corner**.
(I) This was, of course, dangerous, for we were in full view of the enemy, but it was becoming more and more evident that we were **in the corner of the fighting**.
(II) This was, of course, dangerous, for we were in full view of the enemy, but it was becoming more and more evident that we were **in a difficult situation**.
(III) This was, of course, dangerous, for we were in full view of the enemy, but it was becoming more and more evident that we were **in a clear view**.
(A) Only (I)   (B) Only (II)
(C) Both (I) and (II)   (D) Only (III)
(E) All (I) (II) and (III)

118. **In the nick of time**, they discovered her in a state of hapless stage fright.

(I) **Afterwards** they discovered her in a state of hapless stage fright.

(II) **From the starting**, they discovered her in a state of hapless stage fright.

(III) **As the time passed**, they discovered her in a state of hapless stage fright.

(A) Only (I)   (B) Only (II)

(C) None of these   (D) Only (III)

(E) All (I) (II) and (III)

DIRECTION (119-120):- The following question consists of a sentence which is divided into five parts. The portion specified in bold suggest that it is grammatically correct and do not require any correction or replacement. If there is an error in any other part of the sentence, then choose that part as your answer choice. If the given sentence is grammatically correct or does not require any correction, choose (E), i.e., "No error" as your answer.

119. **When I was studying** / to become a lawyer, (A)/ my teachers told me (B)/ to never ask a question that (C)/ I didn't knew the answer to. (D)/ No Error.

(A) to become a lawyer,

(B) my teachers told me

(C) to never ask a question that

(D) I didn't knew the answer to.

(E) No Error

120. **The supervisor was** / undecided on his next career move (A)/ and wondered if he should stay (B)/ with his current company (C)/ or take another decision (D)/ No Error (E)

(A) undecided on his next career move

(B) and wondered if he should stay

(C) with his current company

(D) or take another decision

(E) No error

HINDI (OPTIONAL)

निर्देश (81-90)- नीचे दिए गए गद्यांश को ध्यानपूर्वक पढ़िए और उस पर आधारित प्रश्नों के उत्तर दीजिए।

भारत सदा से ही संतों, महापुरुषों एवं वीरों की जन्मस्थली रहा है। कहा गया है कि जब-जब संसार में अधर्म की वृद्धि एवं धर्म की हानि होती है तो समाज का उद्धार करने के लिए किसी महापुरुष का जन्म होता है। गौतम बुद्ध का नाम भी ऐसे ही महापुरुष के रूप में विख्यात है। गौतम बुद्ध का बचपन का नाम सिद्धार्थ था। उनका जन्म आज से लगभग तीन हजार वर्ष पूर्व कपिलवस्तु के राजा शुद्धोधन के घर हुआ था। इनके जन्म के विषय में कहा जाता है कि एक बार महारानी महामाया ने स्वप्न देखा कि वे हिमालय के शिखर पर हैं और देवराज इंद्र का वाहन ऐरावत अपनी सूंड़ में शतदल कमल लिए उनकी परिक्रमा कर रहा है। राजा को रानी के इस स्वप्न का जब पता चला तो राज-ज्योतिषियों को बुलाया गया। उन्होंने बताया कि यह स्वप्न मंगलसूचक है। महारानी की इच्छ देखकर राजा शुद्धोधन ने उन्हें उनके पिता के पास भेजने

की व्यवस्था कर दी। महारानी महामाया नेपाल की थीं। मार्ग में भारत-नेपाल सीमा पर स्थित लुंबिनी वन में गर्भवती महामाया एक बालक को जन्म देकर स्वर्ग सिधार गई। इस बालक को महामाया की छोटी बहन गौतमी ने पाला। बालक के जन्म ने पिता के मनोरथ को पूरा किया, इसलिए इनका नाम सिद्धार्थ रखा गया। बालक सिद्धार्थ की जन्म कुंडली देखकर ज्योतिषियों ने भविष्यवाणी की थी कि यह बालक महापुरुषों के गुण लेकर जन्मा है। निश्चय ही यह महायोगी सन्यासी और महान साधक के रूप में ख्याति प्राप्त करेगा। यदि किसी प्रभाव से इसका मन परिवार में रम गया तो यह महाप्रतापी राजा बनेगा और अपना नाम उज्जवल करेगा। महाराजा शुद्धोधन ने यह सुना तो वे चिंताग्रस्त हो उठे। पुत्र की परिवरिश राजसी ठाठ के साथ विशेष सावधानी के साथ होने लगी। लेकिन जो योग लेकर पुत्र उत्पन्न हुआ उसका प्रभाव बचपन से ही उसकी प्रवृत्तियों पर स्पष्ट झलकने लगा। बालक सिद्धार्थ बचपन से ही गंभीर प्रकृति के थे। उनका मन राजसी वैभव में नहीं अपितु उद्यान में एकांत चिंतन में लगता था। पिता ने यह देखा तो राजकुमार सिद्धार्थ का विवाह यशोधरा नाम की राजकुमारी से कर दिया। राजकुमार सिद्धार्थ कुछ दिन तो इस नए पन को देखते-समझते रहे। इसी बीच इनके यहां राहुल नाम के पुत्र ने जन्म लिया। लेकिन विधि को तो कुछ और ही स्वीकार था। पत्नी तथा परिवार भी उन्हें मोह-बंधन में न बांध सके। 'एक दिन भ्रमण करते हुए राजकुमार सिद्धार्थ को एक रोगी मिला, एक दिन एक बूढ़ा और एक बार उन्हें एक शवयात्रा देखने को मिली। पूछने पर पता चला कि कोई मर गया है। इस तरह इन्हें रोग की भीषणता, वृद्धावस्था की लाचारी और मृत्यु की अनिवार्यता ने इतना व्यथित किया कि इनका मन संसार से विरक्त हो गया। ये आत्मचिंतन में लीन हो गए। एक दिन रात्रि के तीसरे पहर में पत्नी तथा पुत्र को छोड़ गृह त्याग कर साधना मार्ग पर बढ़ गए। प्रातः काल यशोधरा ने शैय्या पर जब इन्हें नहीं देखा तो वह सब कुछ समझ गई। पति के इस प्रकार से जाना यशोधरा को गहरा दुख हुआ। यशोधरा की इसी पीड़ा को राष्ट्रकवि मैथिलीशरण गुप्त ने यशोधरा काव्य में बड़ी मार्मिकता के साथ वर्णित किया है। अनेक स्थानों की यात्रा करते, ज्ञान-पिपासा में राजकुमार सिद्धार्थ ' गया ' पहुंचे। वहां एक वट वृक्ष के नीचे समाधि लगाकर बैठ गए। वहीं इन्हें ज्ञान हुआ कि सादा जीवन ही उत्तम है। दुःख का मूल कारण तृष्णा है। सत्य ही तप है। व्यक्ति को आत्म-परिष्कार से ही शांति मिलेगी। इस जीवन में कोई छोटा-बड़ा नहीं है। प्रत्येक को भक्ति का पूजा-अर्चना का पूर्ण अधिकार है। इन सबका बोध होने पर वे ' बुद्ध ' के नाम से विख्यात हुए। जिस वृक्ष के नीचे उन्हें ज्ञान मिला उसे बोधिवृक्ष कहा जाता है। गया मैं बुद्ध सारनाथ गए। यहां से उन्होंने अपने धर्म का प्रचार किया। उनके द्वारा चलाया गया धर्म ही बौद्ध धर्म कहलाया। जातिबंधन तोड़ने के कारण सभी वर्गों विशेषकर छोटे वर्ग के लोगों ने बौद्ध धर्म की दीक्षा ली। भारत में सम्राट अशोक ने बुद्ध धर्म के उपदेश को चीन, मध्य एशियाई तथा पूर्व एशियाई देशों में फैलाने में उल्लेखनीय योगदान दिया। आज भले ही समाज में सनातन धर्म, आर्य समाज का प्रबल प्रभाव हो किंतु मानव धर्म की दृष्टि से बौद्ध धर्म का अपना महत्व है। गौतम बुद्ध को उनके इस जीवन मंत्र के आधार पर ही भगवान बुद्ध कहा जाता है।

81. गद्यांश के अनुसार, जब-जब संसार में अधर्म की वृद्धि एवं धर्म की हानि होती है, तो किस उद्देश्य के लिए महापुरुषों का जन्म होता है?

(A) समाज का संवर्धन   (B) समाज का विस्तार

(C) समाज का   (D) समाज का उद्धार

(E) इनमें से कोई नहीं

82. गद्यांश के अनुसार, सिद्धार्थ की माता महारानी महामाया कहाँ की निवासी थीं?

(A) गया　(B) भूटान　(C) मगध　(D) नेपाल

(E) इनमें से कोई नहीं

83. गद्यांश के अनुसार, बालक सिद्धार्थ बचपन से ही किस प्रकृति के थे?

(A) उपद्रवी　(B) नटखट　(C) तीक्ष्ण　(D) गंभीर

(E) इनमें से कोई नहीं

84. गद्यांश के अनुसार, सिद्धार्थ का विवाह किस राजकुमारी से हुआ था?

(A) यक्षमाला　(B) यशोधरा　(C) यशोदा　(D) यक्षणा

(E) इनमें से कोई नहीं

85. गद्यांश के अनुसार, बालक सिद्धार्थ का मन राजसी वैभव में न लगते हुए, किसमें लगता था?

(A) उद्यान में एकांत चिंतन में

(B) भ्रमण में

(C) धार्मिक कार्यों में

(D) राजसी वैभव का उपहास करने में

(E) इनमें से कोई नहीं

86. गद्यांश के अनुसार, एक दिन रात्रि के किस पहर में सिद्धार्थ अपनी पत्नी तथा पुत्र को छोड़ गृह त्याग कर साधना मार्ग पर निकल गए?

(A) पहले पहर　(B) तीसरे पहर

(C) दूसरे पहर　(D) चौथे पहर

(E) इनमें से कोई नहीं

87. गद्यांश के अनुसार, दुःख का मूल कारण क्या है?

(A) ईर्ष्या　(B) घृणा　(C) तृष्णा　(D) द्वेष

(E) इनमें से कोई नहीं

88. गद्यांश के अनुसार, भारत के किस सम्राट ने बुद्ध धर्म के उपदेश को चीन, मध्य एशियाई तथा पूर्व एशियाई देशों में फैलाने में उल्लेखनीय योगदान दिया?

(A) अजातशत्रु　(B) अशोक

(C) चन्द्रगुप्त　(D) हर्षवर्धन

(E) इनमें से कोई नहीं

89. गद्यांश के अनुसार, यशोधरा की पीड़ा को किस राष्ट्रकवि ने यशोधरा काव्य में बड़ी मार्मिकता के साथ वर्णित किया है?

(A) रामधारी सिंह दिनकर　(B) जयशंकर प्रसाद

(C) रामचंद्र शुक्ल　(D) मैथिलीशरण गुप्त

(E) इनमें से कोई नहीं

90. गद्यांश के अनुसार, गौतम बुद्ध को किसके आधार पर भगवान बुद्ध कहा जाता है?

(A) उनके जीवन मंत्र के आधार पर

(B) उनके सरल जीवन उपदेशों के आधार पर

(C) उनके द्वारा सभी को समान समझने के आधार पर

(D) उनके कठोर जीवन तप के कारण,

(E) इनमें से कोई नहीं

निर्देश (91-95):- नीचे दिए गए प्रत्येक प्रश्न में दो रिक्त स्थान छूटे हुए हैं और उसके पाँच विकल्प सुझाए गए हैं। इनमें से कोई दो उन रिक्त स्थानों पर रख देने से वह वाक्य एक अर्थपूर्ण वाक्य बन जाता है। सही शब्द ज्ञात कर उसके विकल्प को उत्तर के रूप में अंकित कीजिए, दिए गए शब्दों में से सर्वाधिक उपयुक्त शब्दों का चयन कीजिए।

91. भारतीय संविधान में स्वास्थ्य के _____ का उल्लेख नहीं किया गया है लेकिन स्वास्थ्य मानव जीवन का सबसे _____ पहलू बना हुआ है।

(A) परिष्कार, संवेदनशील　(B) अधिकार, महत्वपूर्ण

(C) संयोजन, भयावह　(D) संकलन, संश्लेषित

(E) इनमें से कोई नहीं

92. बढ़ती हुई _____ जनसंख्या के कारण वनों के विस्तार की आवश्यकता इसलिए है कि इससे रोजगार और _____ मात्रा में वृद्धि आ सके।

(A) संकुचित, खपत　(B) संदर्भित, गुणवत्ता

(C) प्रायोजित, अपेक्षित　(D) भीषण, उत्पादन

(E) इनमें से कोई नहीं

93. महात्मा बुद्ध सारी आयु धर्म का _____ करते रहे, अन्त में इसका प्रचार करते-करते अस्सी वर्ष की आयु में कुशीनगर में उनका _____ हो गया।

(A) प्रचार, देहावसान　(B) संचय, वनवास

(C) विश्लेषण, आत्मत्याग　(D) संसाधन, प्रस्थान

(E) इनमें से कोई नहीं

94. वास्तव में भूकम्प एक _____ आपदा है, जो इस वैज्ञानिक मानव की अद्भुत शक्ति को अपनी _____ शक्तियों और प्रभावों से चुनौती देने में हर प्रकार से सफल रही है।

(A) कृत्रिम, दुराचारी　(B) प्रभावी, लाभकारी

(C) प्राकृतिक, प्रलयकारी　(D) बृहत, अत्याचारी

(E) इनमें से कोई नहीं

95. सौन्दर्यमय _____ बनाकर जीवन के विषय में विचार करना, उसे अपनाना आधुनिक _____ है।

(A) कल्पना, संचार　(B) दृष्टिकोण, संस्कृति

(C) दृश्य, वातावरण　(D) भागीदार, सोच

(E) इनमें से कोई नहीं

निर्देश (96-100):- नीचे दिया गया प्रत्येक वाक्य चार भागों में बांटा गया है जिन्हें (A), (B), (C), (D) विकल्प दिए गए हैं। आपको यह देखना है कि वाक्य के किसी भाग में व्याकरण, भाषा, वर्तनी, शब्दों के गलत प्रयोग या इसी तरह की कोई त्रुटि तो नहीं है। त्रुटि अगर होगी तो वाक्य के किसी एक भाग में ही होगी। उस भाग का क्रमांक ही उत्तर है। यदि वाक्य त्रुटि रहित है तो उत्तर (E) अर्थात 'त्रुटिरहित' दीजिए।

96. शिक्षा के प्रचार प्रसार के फलस्वरूप (A) / अब नारी की वह दुर्दशा नहीं है, (B) / जो कुछ अंधविश्वासों, (C) / रूढ़िवादी विचारधारा या अज्ञानता की फलस्वरूप हो गयी थीं। (D) / त्रुटिरहित (E)

(A) B　(B) C　(C) D　(D) E

(E) इनमें से कोई नहीं

97. स्वच्छ भारत अभियान एक राष्ट्रीय स्तर का अभियान है (A) / जिसका उद्देश्य गली-गली में साफ़-सफाई को बढ़ावा देना (B) / तथा सार्वजानिक शौचालयों का (C) / निर्माण कर खुले में शौच को बंद करना है। (D) / त्रुटिरहित (E)

(A) E   (B) D   (C) B   (D) C

(E) इनमें से कोई नहीं

98. शिक्षा ही किसी समाज और राष्ट्र की (A) / जागृति का मूल आधार है (B) / अतः शिक्षा का उद्देश्य साक्षरता के साथ-साथ (C) / हतोत्साहन भी होना चाहिए। (D) / त्रुटिरहित (E)

(A) E   (B) C   (C) D   (D) A

(E) इनमें से कोई नहीं

99. ताजमहल का निर्माण चाहे जिस कारण से (A) / भी हुआ हो, जैसे भी हुआ हो, एक बात तो स्पष्ट है कि (B) / शाहजहाँ ने अपनी कल्पनाओं से भी ज्यादा (C) / अपने भावनाओं को मूर्त रूप दिया। (D) / त्रुटीरहित (E)

(A) E   (B) D   (C) A   (D) B

(E) C

100. शहीद नारायण सिंह का जन्म (A) / सन 1907 में पंजाब में (B) / जालंधर के निकट (C) / खटकड कलाँ नामक गाँव में हुआ था। (D) / त्रुटिरहित (E)

(A) C   (B) D   (C) A   (D) E

(E) B

निर्देश (101-105):- निम्नलिखित प्रश्नों में दिए गए अनुच्छेदों के पहले और अन्तिम वाक्यों को क्रमशः (1) और (6) की संज्ञा दी गई है। इनके मध्यवर्ती वाक्यों को चार भागों में बाँटकर य, र, ल, व की संज्ञा दी गई है। ये चारों वाक्य व्यवस्थित क्रम में नहीं है। इन्हें ध्यान से पढ़कर दिए गए विकल्पों में से उचित क्रम चुनिए, जिससे सही अनुच्छेद का निर्माण हो।

101. (1) आचार्य रामचन्द्र शुक्ल गम्भीर विचारक थे।

(य) परिणामतः उन्होंने अपने निबन्धों में जिस भी विषय को उठाया, उसके नए आयामों का उद्घाटन किया।

(र) उन्होंने अपने निबंधों में इन तीनों का समंजित रूप में उपयोग किया।

(ल) उनका अध्ययन गहन और विस्तृत था।

(व) उनका जीवन का अनुभव और निरीक्षण भी ठोस था।

(6) 'भाव या मनोविकार' निबंध इसका स्पष्ट प्रमाण है।

(A) य ल व र   (B) व ल र य   (C) य व ल र   (D) ल व र य

(E) इनमें से कोई नहीं

102. (1) आज विज्ञान मनुष्यों के हाथों में अद्भुत और अतुल शक्ति दे रहा है।

(य) इसलिए हमें उस भावना को जागृत रखना है और उसे जागृत रखने के लिए कुछ ऐसे साधनों को भी हाथ में रखना होगा जो उस अहिंसात्मक त्याग-भावना को प्रोत्साहित करें और भोग-भावना को दबाए रखें।

(र) नैतिक अंकुश के बिना शक्ति मानव के लिए हितकर नहीं होती।

(ल) उसका उपयोग एक ओर व्यक्ति और समूह के उत्कर्ष में और दूसरी ओर व्यक्ति और समूह के गिराने में होता रहेगा।

(व) वह नैतिक अंकुश चेतना या भावना ही दे सकती है।

(6) वही उस शक्ति को परिमित भी कर सकती है और उसके उपयोग को नियंत्रित भी।

(A) य र व ल   (B) ल य र व   (C) र य ल व   (D) य ल र व

(E) इनमें से कोई नहीं

103. (1) संसार में किसी का भी जीवन स्थायी नहीं है।

(य) महान से महान व्यक्ति और शक्तिशाली प्रतिभाओं का भी अन्त सुनिश्चित है।

(र) इस संसार में तन का घमण्ड व्यर्थ है, क्योंकि देहावसान होता ही है।

(ल) जीवन दो दिन का मेला है।

(व) एक दिन मेला उजड़ जाता है।

(6) धन के वैभव पर इठलाना किस काम का, क्योंकि धन-दौलत की शान एक दिन समाप्त हो जाती है।

(A) व र ल य   (B) ल व य र

(C) व ल य र   (D) य र व ल

(E) इनमें से कोई नहीं

104. (1) भाषा में से साहित्य का उद्भव उसी प्रकार हुआ है, जिस प्रकार बचपन में से यौवन का।

(य) वह कुछ अधिक चाहता है।

(र) अन्तर इतना है कि बचपन के खिलौने उसे रुचते नहीं हैं।

(ल) यौवन भी कम खिलाड़ी नहीं है।

(व) हाथ के झुनझुने की छोटी झनकार ही उसे सन्तुष्ट नहीं कर पाती।

(6) इसीलिए वह अपने स्वर को घुमा-फिराकर पहले तो अपने-आप कठिनता उत्पन्न करता है, और फिर उस कठिनता से संगीत का नया ही रस लेता है।

(A) ल र व य   (B) र व ल य

(C) य ल र व   (D) ल य व र

(E) इनमें से कोई नहीं

105. (1) कलम हाथ में लेते ही हमारे सिर पर भारी जिम्मेदारी आ जाती है।

(य) तुरन्त आँखें काले धब्बों की ओर पहुँच जाती हैं।

(र) साधारणतः युवावस्था में हमारी निगाह पहले विध्वंस करने की ओर उठ जाती है।

(ल) यह सत्य है कि कोई मकान गिराकर ही उसकी जगह नया मकान बनाया जाता है।

(व) बुराइयों के नग्न चित्र खींचने में हम कला की कृतकार्यता समझते हैं।

(6) पुराने ढकोसलों और बन्धनों को तोड़ने की जरूरत है; पर इसे साहित्य नहीं कह सकते।

(A) र व य ल   (B) र ल य व   (C) र य व ल   (D) व य र ल

(E) इनमें से कोई नहीं

106. निम्नलिखित में से किस विकल्प में दिये गये शब्द परस्पर पर्यायवाची नहीं हैं?

(A) पीयूष, सुधा, सोम   (B) अरण्य, विपिन, कांतार

(C) दामिनी, यामिनी, उर्मि   (D) घोटक, हय, तुरंग

(E) इनमें से कोई नहीं

107. निम्नलिखित में से किस विकल्प के सभी शब्द शुद्ध हैं?

(A) अनुग्रहित, कवयित्रि, ज्योत्सना

(B) अनुगृहीत, कवयित्री, ज्योत्स्ना

(C) अनुग्रहीत, कवियित्री, जयोत्सना

(D) अनुग्रीहीत, कवियत्री, ज्योत्सना

(E) इनमें से कोई भी नहीं

108. 'आविर्भाव' शब्द का विलोम शब्द क्या है?

(A) तिरोभाव   (B) निरामिष   (C) यथार्थ   (D) अर्वाचीन

(E) इनमें से कोई भी नहीं

109. 'दूसरों के दोषों को ढूंढने वाला' इस वाक्यांश के लिए उपयुक्त एक शब्द का चयन कीजिए।

(A) दार्शनिक   (B) तार्किक   (C) छिद्रान्वेषी   (D) क्षुधातुर

(E) इनमें से कोई भी नहीं

30. 'ढाक के तीन पात' मुहावरे का सही अर्थ कौन सा है?

(A) अस्थिर अवस्था

(B) कोई सनसनी खेज कार्य करना

(C) साधारण परिवार में असाधारण व्यक्ति

(D) सदा एक-सी हालत में रहना

(E) इनमें से कोई भी नहीं

निर्देश (111–120):- नीचे दिए गए प्रत्येक परिच्छेद में कुछ रिक्त स्थान छोड़ दिए गए हैं तथा उन्हें प्रश्न संख्या से दर्शाया गया है। ये संख्याएँ परिच्छेद के नीचे मुद्रित हैं, और प्रत्येक के सामने (A), (B), (C), (D) और (E) विकल्प दिए गए हैं। इन पाँचों में से कोई एक इस रिक्त स्थान को पूरे परिच्छेद के संदर्भ में उपयुक्त ढंग से पूरा कर देता है। आपको वह विकल्प ज्ञात करना है और उसका क्रमांक ही उत्तर के रूप में दर्शाना है। आपको दिए गए विकल्पों में से सबसे उपयुक्त का चयन करना है।

भारत का दिल _____ (111) _____ में बसता है। यह कहना शतप्रतिशत सही है। देश की लगभग 70 प्रतिशत से अधिक आबादी गांव में _____ (112) _____ करती है। भारत का महत्व गांव से ही है। हमारे गांव हमारी रीढ़ हैं। देश की कृषि गांवों से चलती है। इसलिये भारत को _____ (113) _____ देश भी कहा जाता है। मनुष्य ने अपना शुरूआती जीवन जंगलों, गुफाओं आदि में बिताया। धीरे-धीरे मानव ने गांवों का विकास किया। वह सभ्यता को वहीं जान पाया। बाद में गांवों ने ही नगरों की _____ (114) _____ ली। कभी जहां गांव हुआ करता था आज वहां भरापूरा शहर दिखाई देता है। कहने में बुराई नहीं कि गांवों से नगर उपजे

हैं। शुरूआत गांव से ही हुई। हमारे गांव आज भी _____ (115) _____ से जुड़े हैं। वहां हरियाली है। खेत-खलिहान गांव में ही बसते हैं। बैल-गाड़ी केवल उन कच्चे रास्तों से होकर गुजरती हुई अच्छी लगती है जो रास्ता खेत को जाता है। वहां की छटा हमें _____ (116) _____ लगती है। बढ़ते शहरीकरण के कारण गांव लुप्त हो रहे हैं। कहना गलत न होगा कि गांव _____ (117) _____ जा रहे हैं और शहर बढ़ते जा रहे हैं। आज शहरों की आबादी निरंतर बढ़ रही है। वहां विशाल अट्टालिकायें मौजूद हैं जो मानव की सफलता की कहानी कहती हैं। उनमें कहीं न कहीं _____ (118) _____ का भाव झलकता है। वहां का जीवन गांव के मुकाबले तेज जरूर है, लेकिन उसमें नीरसता और बनावटीपन ज्यादा है। महात्मा गांधी ने एक ऐसे भारत का सपना देखा था जहां गांव विकसित हों। वे विकास को तरसे नहीं। आज बहुत से गांव _____ (119) _____ स्थिति में हैं। उनमें लोग अपनी समस्याओं से ग्रसित हैं। खेती के लिये जमीन नहीं है। जमीन है तो साधनों का अभाव है। खेती से मोहभंग होता जा रहा है। कारण है लागत का बढ़ना। सरकार द्वारा किसानों की उपेक्षा की जा रही है। उनकी फसल का उचित मूल्य उन्हें नहीं दिया जा रहा। किसान कर्ज में दबकर _____ (120) _____ तक करने को मजबूर हैं। कृषि की हालत खराब हो रही है।

111. दिए गए विकल्पों में रिक्त स्थान _____ (111) _____ के लिए सबसे उपयुक्त का चयन करें?

(A) प्रकृति   (B) शहरों   (C) गांवों   (D) नवीनता

(E) इनमें से कोई भी नहीं

112. दिए गए विकल्पों में रिक्त स्थान _____ (112) _____ के लिए सबसे उपयुक्त का चयन करें?

(A) विचरण   (B) प्रगति   (C) प्रवेश   (D) निवास

(E) इनमें से कोई नहीं

113. दिए गए विकल्पों में रिक्त स्थान _____ (113) _____ के लिए सबसे उपयुक्त का चयन करें?

(A) श्रम-प्रधान   (B) प्राकृतिक

(C) इनमें से कोई नहीं   (D) कृषक

(E) इनमें से कोई नहीं

114. दिए गए विकल्पों में रिक्त स्थान _____ (114) _____ के लिए सबसे उपयुक्त का चयन करें?

(A) उपाधि   (B) शक्ल   (C) पेशकश   (D) प्रेरणा

(E) इनमें से कोई नहीं

115. दिए गए विकल्पों में रिक्त स्थान _____ (115) _____ के लिए सबसे उपयुक्त का चयन करें?

(A) शहरों   (B) गांवों   (C) प्रकृति   (D) मिट्टी

(E) इनमें से कोई नहीं

116. दिए गए विकल्पों में रिक्त स्थान _____ (116) _____ के लिए सबसे उपयुक्त का चयन करें?

(A) गंवारू   (B) मनमोहक   (C) नगरीय   (D) खराब

(E) इनमें से कोई नहीं

117. दिए गए विकल्पों में रिक्त स्थान _____ (117) _____ के लिए सबसे उपयुक्त का चयन करें?

(A) बढ़ते   (B) सिकुड़ते   (C) बहते   (D) निखरते

(E) इनमें से कोई नहीं

118. दिए गए विकल्पों में रिक्त स्थान _____ (118) _____ के लिए सबसे उपयुक्त का चयन करें?

(A) कृत्रिमता   (B) प्रकृति   (C) समृद्धि   (D) उद्घोष

(E) इनमें से कोई भी नहीं

119. दिए गए विकल्पों में रिक्त स्थान _____ (119) _____ के लिए सबसे उपयुक्त का चयन करें?

(A) अच्छी   (B) उदात्त

(C) अल्पविकसित   (D) दयनीय

(E) इनमें से कोई भी नहीं

120. दिए गए विकल्पों में रिक्त स्थान _____ (120) _____ के लिए सबसे उपयुक्त का चयन करें?

(A) फसल   (B) अनशन

(C) विरोध   (D) इनमें से कोई नहीं

(E) आत्महत्या

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121. Which of the following Bluetooth user scenarios signifies a phone that can work as an intercom when you are in the office?

(A) Internet bridge   (B) Interactive conference

(C) Three - in - one phone   (D) Headset connection

(E) None of these

122. _____ allows mobile users to have the same IP address and stay connected in case of network roaming.

(A) Mobile IP (MIP)   (B) Mobile Node (MN)

(C) Home Agent (HA)   (D) Foreign Network (FN)

(E) None of these

123. Which of the following specifies a router of mobile devices (or nodes) on a home network?

(A) Home Agent (HA)

(B) Foreign Network (FN)

(C) Foreign Agent (FA)

(D) Correspondent Node (CN)

(E) None of these

124. Which one of the following is Internet Standard Protocol?

(A) TML   (B) COBOL   (C) JAVA   (D) C++

(E) TCP/IP

125. Name the network that is geographically distributed in a small area. For example, it allows connection among computers of two separate departments in a building.

(A) LAN   (B) WAN   (C) TCP/IP   (D) OSI

(E) None of the above

126. Computer language COBOL is appropriate for -

(A) Commercial purpose   (B) Graphic purpose

(C) Scientific purpose   (D) All

(E) None of these

127. The function of an assembler is _____.

(A) To convert basic language into machine language

(B) To convert high level language into machine language

(C) To convert assemble language into machine language

(D) To convert assemble language into high level language

(E) None of these

128. Pick the odd man out.

(A) UNIX   (B) MS-DOS

(C) WINDOWS   (D) MS ACCESS

(E) Mac OS

129. Which of the following is the most important/powerful computer in a typical network?

(A) Desktop   (B) Network client

(C) Network server   (D) Network station

(E) Network switch

130. What is an alternate name for the completely interconnected network topology ?

(A) Mesh   (B) Star   (C) Tree   (D) Ring

(E) None of these

131. What type of devices are computer speakers of headphones?

(A) Input   (B) Input/output

(C) Software   (D) Storage

(E) Output

132. The term used to describe intangible instructions that tell a computer what to do is

(A) Hardware   (B) Software

(C) Storage   (D) Input/output

(E) None of these

133. Normally which of the following is costlier?

(A) Server   (B) Notebook computer

(C) Personal computer   (D) Laptop computer

(E) Mainframe computer

134. Which term is used to compare processing speeds of various computer systems?

(A) EFTS   (B) MPG   (C) MIPS   (D) CPS

(E) None of these

135. In the computer system which part transforms a computer data into a human - readable form?

(A) Inputs units   (B) Output units

(C) ALU   (D) Control unit

(E) None of these

136. Which of the following can be used to select the entire document?

(A) CTRL + A   (B) ALT + F5

(C) SHIFT + A   (D) CTRL + K

(E) CTRL + H

137. ...... shows all the websites and pages that are visited over a period of time.
    (A) Home page   (B) Toolbar
    (C) Task bar   (D) History
    (E) Cookies

138. What does the ".com" in the URL : www.abcd.com indicate ?
    (A) Commercial   (B) Corporate
    (C) Co-operative   (D) Conceal
    (E) None of these

139. The taskbar is located _____.
    (A) on the Start menu
    (B) at the bottom of the screen
    (C) on the Quick Launch toolbar
    (D) at the top of the screen
    (E) None of these

140. A _____ is an icon on the desktop that provides a user with immediate access to a program or file.
    (A) Kernel   (B) Buffer   (C) Shortcut   (D) Spooler
    (E) None of these

141. Which of the following is peculiar for each computer machine?
    (A) Assembly of a computer
    (B) Machine language
    (C) High level language
    (D) All of the above
    (E) None of these

142. System Proposal is prepared in which of the following phase of SDLC?
    (A) Conception   (B) Initiation
    (C) Analysis   (D) Design
    (E) Construction

143. Which set of software is used for acting as an interface so that the user may interact with the components of the computer?
    (A) The platform   (B) The operating system
    (C) Application system   (D) The motherboard
    (E) None of these

144. Which of the following is the latest device which uses optical storage techniques for data storage?
    (A) Digital paper   (B) Magneto-optical disk
    (C) WORM disk   (D) CD-ROM disk
    (E) None of these

145. _____ is the act of copying or downloading a program from a network and making multiple copies of it.
    (A) Network Piracy   (B) Plagiarism
    (C) Software Piracy   (D) Hardware Piracy
    (E) None of the Above

146. Which among the following term is used for: Unauthorized copying of software to be used for personal gain instead of personal backups?
    (A) program thievery   (B) data snatching
    (C) software piracy   (D) program looting
    (E) data looting

147. Type _____to start a numbered list, and then press SPACEBAR or the TAB key.
    (A) 1#   (B) 1$
    (C) l.   (D) 1*
    (E) None of these

148. A/(n) _____ is an object embedded in a web page or email, which unobtrusively (usually invisibly) allows checking that a user has accessed the content.
    (A) email   (B) virus
    (C) web beacon   (D) spam
    (E) firewall

149. In which process, each program is split into fixed size program components called pages?
    (A) Multitasking   (B) Logging on
    (C) Paging   (D) Scheduling
    (E) Time Sharing

150. How many rows are there in latest version of MS Excel?
    (A) 65536   (B) 16,384
    (C) 1,048,576   (D) 1,050,000
    (E) 2,001,000

151. Compilers and interpreters are themselves
    (A) High-level language   (B) Codes
    (C) Programs   (D) Mnemonics
    (E) None of the above

152. Chief component of first generation computer was
    (A) Transistors
    (B) Vacuum Tubes and Valves
    (C) Integrated Circuits
    (D) Nano chips
    (E) None of the above

153. CD-ROM is a
    (A) Semiconductor memory   (B) Memory register
    (C) Magnetic memory   (D) All of the above
    (E) None of the above

154. The brain of any computer system is
    (A) ALU   (B) Memory
    (C) CPU   (D) Control unit
    (E) None of these

155. Which is another name for functional language?
    (A) Machine   (B) Application language
    (C) Low-level language   (D) High-level language
    (E) None of the above

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156. Which of the following must be contained in a URL?
(A) A protocol identifier
(B) The letters, www
(C) The unique registered domain name
(D) WWW and the unique registered domain name
(E) A protocol identifier, www and the unique registered domain name

157. The process of a computer receiving information from a server on the internet is known as _____.
(A) Browsing (B) Download
(C) Upload (D) All of these
(E) None of these

158. What converts high-level languages into machine language?
(A) Complier (B) Assembler
(C) Operating System (D) CPU
(E) Browser

159. The altering of data so that it is not usable unless the changes are undone is _____.
(A) Biometrics (B) Compression
(C) Encryption (D) Ergonomics
(E) None of these

160. Only OS independent complier is -
(A) Turbo C complier (B) Pascal complier
(C) Java complier (D) Visual basic complier
(E) None of these

GENERAL KNOWLEDGE

161. This scheme is open to all Indian citizens between the ages of 18 and 40 years of age. The pension starts when the person reaches the age of 60 years. Which among the following is the name of the scheme?
(A) PradhanMantriAwasYojana
(B) PradhanMantriRojgarProtsahanYojana
(C) Atal Pension Yojana
(D) PradhanMantriFasalBimaYojana
(E) None of the above

162. Which among the following sectors accounts for 54.40% of total India's Gross Value Added (GVA)?
(A) Agriculture Sector (B) Manufacturing Sector
(C) Industry Sector (D) Entertainment Sector
(E) Service Sector

163. The Reserve Bank of India had constituted a Committee on Currency Movement to review the entire gamut of security of treasure in transit. The Committee has submitted its recommendation recently. Who among the following chaired the Committee?
(A) NandanNilekani (B) V G Kannan
(C) D. K Mohanty (D) Mahesh kumarjain
(E) Viral Acharya

164. Which among the following entity/organisation has proposed a mechanism to curb insider trading activities?
(A) IRDAI (B) SEBI
(C) SBI (D) Ministry of Finance
(E) Department of Economic Affairs

165. Digital Communications Commission has recommended a penalty of Rs. 3,050 crore to be levied on BhartiAirtel Ltd and Vodafone Idea Ltd for denying interconnection ports to _____ company three years ago.
(A) Reliance JioInfocomm Ltd
(B) Aircel
(C) BSNL
(D) MTNL
(E) Etisalat

166. India ranked _____ out of 129 countries in a new index that measures global gender equality looking at aspects such as poverty, health, education, literacy, political representation and equality at the workplace.
(A) 91st (B) 95th (C) 93rd (D) 94th
(E) None of these

167. Savings account with zero balance can be opened for?
(A) Persons of high net worth
(B) Employees of IT companies
(C) financial Weaker sections of society
(D) Companies
(E) None of the given options is true

168. The '_____ Global Disability Summit' will be held in Buenos Aires, Argentina.
(A) 2nd (B) 3rd (C) 4th (D) 5th
(E) None of these

169. Banks are authorized to sell third-party products. Which are these products?
(A) Mutual funds (B) Term deposits
(C) Credit cards (D) Gift cheques
(E) None of the given options is true

170. SimonaHalep defeated whom to win the Ladies' Singles tennis title at the 2019 Wimbledon Championships?
(A) Scott Clayton (B) Naomi Osaka
(C) Serena Williams (D) Venus Williams
(E) None of these

171. Which among the following is the rank of India in Global Gender Equality Index 2019?
(A) 95 (B) 50 (C) 40 (D) 55
(E) 80

172. Which among the following is one of the recommendations of High-Level Committee on Deepening of Digital Payments constituted by RBI ?
(A) Plan for Per Capita Digital Transactions per month to be increases 2 fold in three years
(B) Plan for Per Capita Digital Transactions per month to be increases 10 fold in one year

(C) Plan for Per Capita Digital Transactions per month to be increases 10 fold in ten years

(D) Plan for Per Capita Digital Transactions per month to be increases 3 fold in three years

(E) Plan for Per Capita Digital Transactions per month to be increases 10 fold in three years

173. When is the World Population Day observed?

(A) 11 June   (B) 25 June   (C) 23 July   (D) 11 July

(E) 7 June

174. Which among the following is the suggestion given by committee chaired by U K Sinha to study the problems faced by MSMEs?

(A) a Rs. 5 lakh stressed asset fund for domestic micro, small and medium enterprises (MSMEs) in a relief to small businesses hurt by demonetization, GST and liquidity crunch

(B) Rs. 5,000 crore stressed asset fund for domestic micro, small and medium enterprises (MSMEs) in a relief to small businesses hurt by demonetization, GST and liquidity crunch

(C) Rs. 10 Lakh stressed asset fund for domestic micro, small and medium enterprises (MSMEs) in a relief to small businesses hurt by demonetization, GST and liquidity crunch

(D) Rs. 10,000 crore stressed asset fund for domestic micro, small and medium enterprises (MSMEs) in a relief to small businesses hurt by demonetization, GST and liquidity crunch

(E) Rs.15,000 crore stressed asset fund for domestic micro, small and medium enterprises (MSMEs) in a relief to small businesses hurt by demonetization, GST and liquidity crunch

175. IBBI is responsible for implementation of the Code that consolidates and amends the laws relating to reorganization and insolvency resolution of corporate persons, partnership firms and individuals. What does first I stand for in IBBI?

(A) Indian   (B) International

(C) Insolvency   (D) Institute

(E) Instant

176. India's current account (CA) balance deficit grew to $68 billion in 2018-19 from $49 billion the previous year, according to the which organization?

(A) International Bank for Reconstruction and Development

(B) International Monetary Fund

(C) Asian Infrastructure Investment Bank

(D) International Finance Corporation

(E) None of these

177. With which of the following would you identify a 'no frills' account with?

(A) A savings account with no minimum balance requirement

(B) A savings account not having KYC requirement

(C) Fixed deposit account for one year and less

(D) Savings account opened in rural branches

(E) None of the given options is true

178. Name the person, who has been appointed as the chairman of the Public Accounts Committee (PAC).

(A) Deepa Dasmunsi

(B) Manish Tewari

(C) Adhir Ranjan Chowdhury

(D) Rajendra Agrawal

(E) None of these

179. What does EMI indicate in the context of a bank loan?

(A) Equal Monetary Incentive

(B) Equated Monthly Installment

(C) Exact Monthly Indicator

(D) Exact Mean Index

(E) Easy Monthly Installment

180. Name the woman, who has been appointed as the first woman vice-chancellor of JamiaMilliaIslamia, making her the first woman to hold the charge?

(A) Roshni Hassan   (B) AshaBhat

(C) NajmaAkhtar   (D) Priyanka Shah

(E) None of these

181. Which among the following statements is incorrect about "Call Money"?

(A) Call money is mainly used by the banks to meet their temporary requirement of cash.

(B) Banks borrow and lend money from each other normally on a daily basis.

(C) Loan is repayable on demand and its maturity period varies in between one day to a fortnight.

(D) The rate of interest paid on call money loan is known as call rate.

(E) None of the above is correct.

182. Under which among the following Acts, Co-operative Banks are registered?

(A) Cooperative Societies Act, 1912

(B) Cooperative Societies Act, 1950

(C) Cooperative Societies Act, 1987

(D) Cooperative Societies Act, 2000

(E) Cooperative Societies Act, 2010

183. Which of the following dance belongs to Manipur?

(A) Nat rash   (B) Baagla   (C)Lim   (D) Baul

(E) All of the above

184. The Hirakud Dam is built across which river?
(A) Saraswati   (B) Mahanadi
(C) Godavari   (D) Kaveri
(E) Brahmaputra

185. Where is Nauradehi Wildlife Sanctuary located?
(A) Uttar Pradesh   (B) Andhra Pradesh
(C) Himachal Pradesh   (D) Madhya Pradesh
(E) Arunachal Pradesh

186. Who has been appointed as next Managing Director and Chief Executive Officer (CEO) of Ujjivan Small Finance Bank Limited from December 1, 2019?
(A) NitinChugh   (B) SachinBansal
(C) AshishDeval   (D) Ravi Kumar Batra
(E) None of these

187. Which agency should be consulted by banks to verify whether the property to be mortgaged is free from the encumbrances?
(A) Central Electronic Registry or CERSAI
(B) Registrar of Companies
(C) Company Law Board
(D) RBI
(E) SEBI

188. A committee, who has recently submitted report on digital payments to RBI. Who was the head of that committee?
(A) NandanNilekani   (B) N. R. Narayana Murthy
(C) Vishal Sikka   (D) S. D. Shibulal
(E) None of these

189. Banks have different interest rate for different loan products. To which rate are there interest rates linked?
(A) Prime lending rates   (B) Base rate
(C) RBI administered rates   (D) The bank rate
(E) Repo Rate

190. China clinched the 2019 Sudirman Cup badminton tournament by defeating whom?
(A) India   (B) USA
(C) Japan   (D) South Korea
(E) None of these

191. Who is the 1st person in history to cross the English Channel on Flyboard Air, a jet-powered hoverboard?
(A) Emmanuel Macron   (B) Franky Zapata
(C) Roger Martínez   (D) Des Werner
(E) John Rossy

192. Who attended the launch function of Mission Shakti in August 2019?
(A) Salman Khan   (B) HrithikRoshan
(C) Akshay Kumar   (D) Aamir Khan
(E) Ajay Devgn

193. Who has been felicitated with the 'Pride of the Nation Award' in 2019?
(A) Dr Ashok Raj Gopal
(B) DrVinayak S Hiremath
(C) DrSudhansu Bhattacharyya
(D) Dr S Natarajan
(E) Dr. Naresh Trehan

194. R N Ravi was sworn in as the 20th governor of which state in 2019?
(A) Sikkim   (B) Nagaland
(C) Manipur   (D) Meghalaya
(E) Tripura

195. Which year marks the Golden Jubilee edition of International Film Festival of India?
(A) 2019   (B) 2020   (C) 2018   (D) 2021
(E) 2022

196. Indira sagar dam is located in which state?
(A) Maharashtra   (B) Haryana
(C) Odisha   (D) Madhya Pradesh
(E) None of these

197. Lava Dance a folk dance mainly performed by the males in which state?
(A) Lakshadweep   (B) Puducherry
(C) Daman and deep   (D) New Delhi
(E) None of these

198. Bihula is a prominent festival of which state?
(A) Jammu and Kashmir   (B) Odisha
(C) Bihar   (D) West Bengal
(E) None of these

199. Vindhyachal Thermal Power Station in the Singrauli district of which state?
(A) Jammu Kashmir   (B) Odisha
(C) Haryana   (D) Madhya Pradesh
(E) None of these

200. The Bondla Wildlife Sanctuary (BWS) is located in
(A) Goa   (B) Uttar Pradesh
(C) Kerala   (D) Jammu and Kashmir
(E) Himachal Pradesh

ANSWER KEY

1. (C)	2. (D)	3. (B)	4. (E)	5. (B)	6. (A)	7. (E)	8. (C)	9. (A)	10. (D)
11. (C)	12. (A)	13. (B)	14. (E)	15. (E)	16. (A)	17. (A)	18. (B)	19. (A)	20. (E)
21. (B)	22. (D)	23. (D)	24. (E)	25. (A)	26. (A)	27. (C)	28. (C)	29. (E)	30. (D)
31. (E)	32. (A)	33. (C)	34. (E)	35. (E)	36. (B)	37. (C)	38. (A)	39. (B)	40. (A)
41. (A)	42. (B)	43. (C)	44. (B)	45. (D)	46. (A)	47. (C)	48. (A)	49. (B)	50. (E)
51. (C)	52. (D)	53. (A)	54. (E)	55. (B)	56. (D)	57. (C)	58. (D)	59. (D)	60. (B)
61. (E)	62. (A)	63. (B)	64. (D)	65. (D)	66. (B)	67. (C)	68. (A)	69. (D)	70. (D)
71. (A)	72. (E)	73. (C)	74. (C)	75. (C)	76. (B)	77. (D)	78. (C)	79. (B)	80. (C)
121. (C)	122. (A)	123. (A)	124. (E)	125. (A)	126. (A)	127. (C)	128. (D)	129. (C)	130. (A)
131. (E)	132. (B)	133. (E)	134. (C)	135. (B)	136. (A)	137. (D)	138. (A)	139. (B)	140. (C)
141. (B)	142. (B)	143. (B)	144. (D)	145. (C)	146. (C)	147. (C)	148. (C)	149. (C)	150. (C)
151. (C)	152. (B)	153. (E)	154. (C)	155. (B)	156. (E)	157. (B)	158. (A)	159. (C)	160. (C)
161. (C)	162. (E)	163. (C)	164. (B)	165. (A)	166. (B)	167. (C)	168. (A)	169. (A)	170. (C)
171. (A)	172. (E)	173. (D)	174. (B)	175. (C)	176. (B)	177. (A)	178. (C)	179. (B)	180. (C)
181. (E)	182. (A)	183. (A)	184. (B)	185. (D)	186. (A)	187. (A)	188. (A)	189. (B)	190. (C)
191. (B)	192. (D)	193. (B)	194. (B)	195. (A)	196. (D)	197. (A)	198. (C)	199. (D)	200. (A)

ENGLISH (Optional)

81. (E)	82. (B)	83. (B)	84. (C)	85. (A)	86. (D)	87. (B)	88. (D)	89. (A)	90. (A)
91. (D)	92. (A)	93. (C)	94. (A)	95. (C)	96. (D)	97. (D)	98. (B)	99. (C)	100. (A)
101. (C)	102. (B)	103. (A)	104. (C)	105. (D)	106. (C)	107. (D)	108. (A)	109. (B)	110. (C)
111. (D)	112. (E)	113. (B)	114. (C)	115. (D)	116. (E)	117. (B)	118. (C)	119. (*)	120. (*)

HINDI (Optional)

81. (D)	82. (D)	83. (D)	84. (B)	85. (A)	86. (B)	87. (C)	88. (B)	89. (D)	90. (A)
91. (B)	92. (D)	93. (A)	94. (C)	95. (B)	96. (D)	97. (A)	98. (C)	99. (B)	100. (D)
101. (D)	102. (B)	103. (D)	104. (A)	105. (A)	106. (C)	107. (B)	108. (A)	109. (C)	110. (D)
111. (C)	112. (D)	113. (E)	114. (B)	115. (C)	116. (B)	117. (B)	118. (A)	119. (D)	120. (E)

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HINTS & SOLUTION

(1-5)

S	D	Q	B
70	30	63	55

15	50	40	25
A	R	P	C
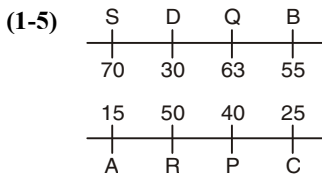
6. (A) On combining: $P \geq Q < R = S \leq T$

7. (E) On combining: $D \geq F > E < G = H$

8. (C) On combining: $N > M \geq O > S = U$

9. (A) On combining: $T = X \geq W < U \leq V$

10. (D) On combining: $L \leq K \geq R > J > U$

DIRECTION (11-14) - Logic: In Step I, digits of each numbers are arranged in ascending order from left to right.

In Step II, Numbers are arranged in descending order from left to right.

In Step III, Total sum of numerical value of all digits in each number.

In Step IV, all numbers are divided by 2.

Input: 7584 2563 2754 8965 2145 6424

Step I: 4578 2356 2457 5689 1245 2446

Step II: 5689 4578 2457 2446 2356 1245

Step III: 28 24 18 16 16 12

Step IV: 14 12 9 8 8 6

15. (E) It is given that HIV-infected children have lower neuropsychological test scores thus reflecting reduced memory span, attention deficit.

DIRECTION (16-20) -

1	F	11
2	D	17
3	G	26
4	A	15
5	H	18
6	C	28
7	B	12
8	E	30

21. (B) In row 1, even number is followed by prime number
So, 23 – 4 = 19
An odd number is followed by even number so, 19 + 10 = 29
In row 2, even number is followed by non-prime even number So, 12 + 6 = 18
Even number is followed by prime number So, 18 – 17 = 1
So, the addition of resultant of two rows is 29 + 1 = 30

22. (D) In row 1, an odd number is followed by odd number so, 27 ÷ 9 = 3
3   12
odd number is followed by even number so, 3 + 12 = 15
In row 2, even number is followed by prime number so, 18 – 5 = 13
13   13
an odd number is followed by odd number so, 13 ÷ 13 = 1
So, the difference of resultant of two rows is 15 – 1 = 14

23. (D) In row 1, even number is followed by non-prime odd number so, 2 × 9 = 18
18   P
In row 2, odd number is followed by even number so, 5 + 8 = 13
13   13
odd number is followed by odd number so, 13 ÷ 13 = 1
The addition of the resultant of the both rows = 25
So, resultant of first row is 25 – 1 = 24.
Now for row-1   18   P = 24
So, the only possible value of P can be 6.

24. (E) In row 1, even number is followed by non-prime odd number so, 6 × 9 = 54
54   23
even number is followed by prime number so, 54 – 23 = 31
In row 2, odd number is followed by even number so, 5 + 4 = 9
9   X
The addition of the resultant of the both rows = 34
So, rsultant of the resultant of the both rows = 34
Now for row-1   9 X = 3
So, the only possible value of X can be 3.

DIRECTION (26-30) -
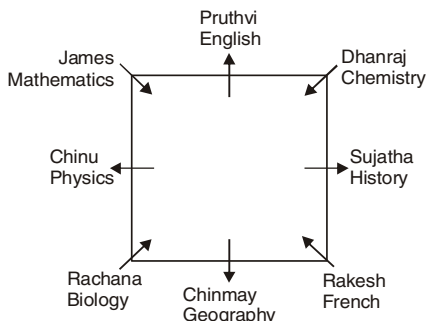
DIRECTION (31-35) -

Y	P	F	Z	A	L	S	K	X	D	W	I

36. (B)

37. (C)

38. (A)

39. (B)

40. (A)
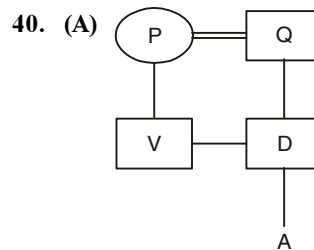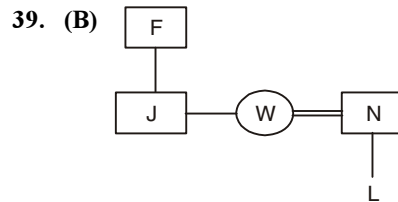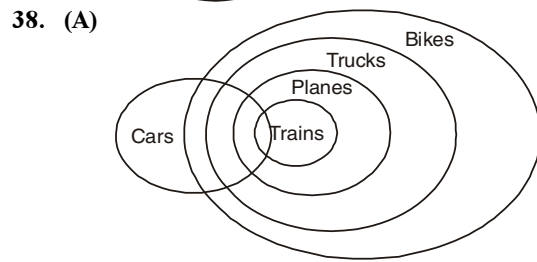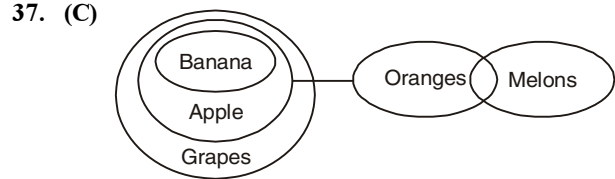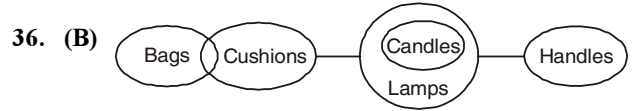
41. (A) No. of vacancy for SC/ST category in area A

$$= 48000 \times \frac{23.7}{100} - (5000 + 4480)$$

$$= 11376 - 9480 = 1896$$

No. of vacancy for OBC category in area B

$$= 48000 \times \frac{10.8}{100} - (2000 + 1888)$$

$$= 5184 - 3888 = 1246$$

Required difference = 1896 – 1296 = 600 more

42. (B) No. of vancancy for SC/ST category in area C
= 1888 + 1612 = 3500
No. of vancancy for General category in area C

$$= 2000 \times \frac{420}{100} = 8400$$

No. of vancancy for OBC category in area C

$$= 48000 \times \frac{35}{100} - (3500 + 8400) = 4900$$

Required ratio = 8400 : 4900 : 3500 = 12 : 7 : 5

43. (C) No. of vacancy for General category in area E

$$= 48000 \times \frac{12.5}{100} - (2000 + 1000)$$

$$= 6000 - 3000$$

$$= 3000$$

Required percentage $= \dfrac{4900 - 3000}{3000} \times 100$

$$= \frac{1900}{3000} \times 100 \approx 63\% \, more$$

44. (B) Required ratio $= (23.7 + 12.5):18$
$= 181:90$

46. (A) $\Rightarrow p = 13/4, 13/2, \Rightarrow q = 13/4, 13/5$

47. (C) $\Rightarrow p = 24/11, \Rightarrow q = 12/8$

48. (A) $\Rightarrow p = -4, 5/2, \Rightarrow q = -11/2$ or -4

49. (B) $\Rightarrow p = -13, -10, \Rightarrow q = \pm 5$

50. (E) $\Rightarrow p = \pm 8, \Rightarrow q = 0, 9$

51. (C) Wrong number = 1516
$2560 - (8^3 - 8) = 2056$
$2056 - (7^3 - 7) = 1720$
$1720 - (6^3 - 6) = 1510$
$1510 - (5^3 - 5) = 1390$
$1390 - (4^3 - 4) = 1330$
$1330 - (3^3 - 3) = 1306$
$\Rightarrow$ There should be 1510 instead of 1516

52. (D) Wrong number = 860

120	144	192	288	480	864	1632

+24 +48 +96 +192 +384 +768

×2 ×2 ×2 ×2 ×2

∴ There should be 864 instead of 860

53. (A) Wrong number = 1325
$85 + (5 \times 7) = 120$
$120 + (7 \times 11) = 197$
$197 + (11 \times 13) = 340$
$340 + (13 \times 17) = 561$
$561 + (17 \times 19) = 884$
$884 + (19 \times 23) = 1321$
∴ The should be 1321 instead of 1325

54. (E) Wrong number = 285
$160 + (5 \times 6) = 190$
$190 + (6 \times 7) = 232$
$232 + (7 \times 8) = 288$
$288 + (8 \times 9) = 360$
$360 + (9 \times 10) = 450$
$450 + (10 \times 11) = 560$
∴ There should be 288 instead of 285

55. (B) Wrong number = 395

314	350	398	458	530	614	710

+36 +48 +60 +72 +84 +96

+12 +12 +12 +12 +12

∴ There should be 398 instead of 395

56. (D) From I, A = 6 + B
From II, C = A − 4
From I and II, we can't determine the value of A, B and C.

57. (C) From I, CP = 54000 − 27000 = Rs. 27000
Profit % = 27000/27000 × 100 = 100%
From II, SP = 2 × CP
If CP be x then SP will be 2x.
Profit % = x/x × 100 = 100%

58. (D) From I and II,
Let the two digits of the number be x and y
Now, x + y = 7 and xy = 6100
Thus, we get x = 5 and y = 2
The number could therefore be 52 (not divisible by 5) or 25(divisible by 5).

59. (D) From I and II,
Let the number of students in institute M be 5x and that in institute N be 7x. Then, 55% of students in N got placement.
So, neither I nor II is sufficient to answer the question because the exact number of students is not given.

60. (B) From I,
Let the labelled price be Rs. x.
4" Profit = x × 20%
From II,
90% = 720
100% = 720/90 × 100 = Rs. 800(labelled price).

62. (A) Let discount % for article A = x%
Then, profit % will be 2x%.
ATQ

$$2 \times \frac{600}{100 + 2x} \times 100 = \frac{600}{100 - x} \times 100$$

$2(100 - x) = 100 + 2x$
$200 - 2x = 100 + 2x$
$100 = 4x$
$x = 25\%$

Market price of article A $= \dfrac{600}{100 - 25} \times 100 = $ Rs. 800

63. (B) Profit earned on article E $= 450 \times \dfrac{1}{9} = $ Rs. 50

Lodd incurred on article B = 500 − 200 = Rs. 300

Required percentage $= \dfrac{300 - 50}{300} \times 100$

$$= \frac{250}{300} \times 100 \approx 83\%$$

64. (D) Market price of article B $= \dfrac{200}{32} \times 100 = $ Rs. 625

Market price of article C $= \dfrac{675}{90} \times 100 = $ Rs. 750

Required ratio = 625 : 750 = 5 : 6

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65. (D) Selling price of article E = $450 \times \dfrac{10}{9}$ = Rs. 500

Required percentage = $\dfrac{500-150}{150} \times 100$

$= \dfrac{350}{150} \times 100 = 233\dfrac{1}{3}\%$

DIRECTION (66-70) -

	Income	Expenditure	Saving
Mr. Rohit	90000	72000	18000
Sujata	80000	72000	8000
Varsha	120000	72000	48000
vaibhav	90000	78000	12000
Monika	60000	36000	24000

66. (B) Required ratio = 60,000 : 36,000 = 5 : 3

67. (C) Average salary of the family = 4,40,000/5 = Rs 88,000

68. (A) Required difference = 72,000 – 72,000 = 0

69. (D) Required % = 60,000/80,000 × 100 = 75%

71. (A) Ratio of efficiency of A and B = 5 : 3

Ratio of time taken to complete the work by A and C = 1 : 2

So, ratio of efficiency of A and C = 2 : 1

So ratio of efficiency of A, B and C = 10 : 6 : 5

Required time = $\dfrac{15 \times 6}{75} \times \dfrac{80}{15}$

= 6.4 days.

72. (E) To be divisible by 4, last two number should be divisible by 4

Last Number can be = 00, 04, 24, 20, 32, 40, 44

Required numbers = 3 × 7 = 21

73. (C) Let present salary of Ankit and Pankaj are Rs. 120x and Rs. 100x respectively Previous year salary of

Ankit = $\dfrac{120x}{4} \times 3$ = Rs. 90x

Previous year salary of Pankaj = $\dfrac{100x}{5} \times 4$

= Rs. 80x

ATQ

90x – 80x = 2000

10x = 2000

So, 100x = Rs. 20000

75. (C) Shopkeeper gives one article free at every 4 articles and give 20% discount on one article it means he sold one article at 100% discount and remaining 4 articles at 20% discount each

So, effective discount percent on each article =

$\dfrac{100+20+4}{5}$ = 36%

Cost price of each article = $\dfrac{270}{100} \times \dfrac{64}{108} \times 100$

Rs. 160

76. (B) $\dfrac{d1}{d2} = \dfrac{S1}{S2}$

$\dfrac{300}{200} = \dfrac{S1}{3} \Rightarrow S1 \Rightarrow 4.5 kmph$

77. (D) Let cost price be Rs. 100, Selling price = Rs. 110

New cost price = Rs. 90

4" New selling price = 90 × 125/100 = Rs. 112.5 on 25% profit,

Difference in selling price 112.5 - 110 = 2.5

So, cost price = 3/2.5 × 100 = Rs. 120

78. (C) Correct ratio A : B : C = 1/3 : 1/4 : 1/5

= 20 : 15 : 12

4" A, B and C's share = Rs. 4800, Rs. 3600 and Rs. 2880

Ratio by mistake A : B : C = 3 : 4 : 5

4" A, B, C's share = Rs. 2820, Rs. 3760, Rs. 4700

It is obvious from above that C gain maximum i.e. Rs. 1820

79. (B) R% = $\dfrac{768-512}{512 \times 2} \times 100$

R% = $\dfrac{256}{512 \times 2} \times 100$

R% = 25%

40% of R% = $\dfrac{40}{100} \times 25$ = 10%

Equivalent C.I. at 10% per annum for 2 years

$= 10 + 10 + \dfrac{10 \times 10}{100} = 21\%$

Required difference = $(768 - 512) - \left(512 \times \dfrac{21}{100}\right)$

$= 256 - 107.52$

$= 148.48 \approx$ Rs. 150

80. (C) Let radius and height of cylinder are 'r' and 'h' meter.

ATQ

$\dfrac{2\pi rh}{2\pi r(r+h)} = \dfrac{330}{1023}$

$\Rightarrow \dfrac{h}{h+r} = \dfrac{10}{31}$

$\Rightarrow 31h = 10r + 10h$

$\Rightarrow 10r = 21h$

$\Rightarrow r : h = 21 : 10$

81. **(E)** There is no error in the given sentence. So, **Option E** is correct answer.

82. **(B)** Error lies in the **B part** of the given sentence**. i.e.** **"were"** should be replaced with **"was".** So, **Option B** is correct answer.

83. **(B)** Error lies in the **B part** of the given sentence**. i.e.** **"have"** should be replaced with **"has"** because the verb is singular. So, **Option B** is correct answer.

84. **(C)** Error lies in the **C part** of the given sentence**. i.e.** **"of"** should be replaced with **"from".** So, **Option C** is correct answer.

85. **(A)** Error lies in the **A part** of the given sentence**. i.e.** **"with"** should be replaced with **"about"**. So, **Option A** is correct answer.

86. **(D)** According to the passage, **Option D** is correct answer.

87. **(B)** According to the passage, **Option B** is correct answer.

88. **(D)** According to the passage, **Option D** is correct answer.

89. **(A)** According to the passage, **Option A** is correct answer.

90. **(A)** According to the passage, **Option A** is correct answer.

91. **(D)** **Option D** is correct antonym for the given word.

 Panacea - a solution or remedy for all difficulties or diseases.

 Pain – injury, illness.

92. **(A)** According to the passage, **Option A** is correct answer.

93. **(C)** **Option C** is most similar to the given word.

 Confidential - intended to be kept secret.

 Classified - designated as officially secret and accessible only to authorized people.

94. **(A)** According to the passage, **Option A** is correct answer.

95. **(C)** According to the passage, **Option C** is correct answer.

96. **(D)** According to the passage, **Option D** is correct answer.

97. **(D)** According to the passage, **Option D** is correct answer.

98. **(B)** **Option B** is most similar to the given word.

 Plagued - cause continual trouble or distress.

 Infested - be present so as to cause damage or disease.

99. **(C)** **Option C** is correct antonym for the given word.

 Compelling - evoking interest, attention, or admiration in a powerfully irresistible way.

 Optional - available to be chosen but not obligatory.

100. **(A)** According to the passage, **Option A** is correct answer.

101. **(C)** Statements **(A-B)** and **(A-C)** can be joined together to form a coherent sentence by using the Connector **"However"**.

 So, **Option C** is correct answer.

102. **(B)** Statements **(B-D)** can be joined together to form a coherent sentence by using the Connector **"But"**.

 So, **Option B** is correct answer.

103. **(A)** Statements **(B-A)** can be joined together to form a coherent sentence by using the Connector **"Instead"**.

 So, **Option A** is correct answer.

104. **(C)** Statements **(A-D)** can be joined together to form a coherent sentence by using the Connector **"Since"**.

 So, **Option C** is correct answer.

105. **(D)** Statements **(C-D)** can be joined together to form a coherent sentence by using the Connector **"Hence"**.

 So, **Option D** is correct answer.

106. **(C)** According to the passage, **Option C** can be filled in the given blank.

107. **(D)** According to the passage, **Option D** can be filled in the given blank.

108. **(A)** According to the passage, **Option A** can be filled in the given blank.

109. **(B)** According to the passage, **Option B** can be filled in the given blank.

110. **(C)** According to the passage, **Option C** can be filled in the given blank.

111. **(D)** According to the passage, **Option D** can be filled in the given blank.

112. **(E)** According to the passage, **Option E** can be filled in the given blank.

113. **(B)** According to the passage, **Option B** can be filled in the given blank.

114. **(C)** **Option C** is correct answer**. i.e.** Sentence **(I)** and **(III)** which best expresses the meaning of the phrase correctly without altering the meaning of the sentence.

115. **(D)** **Option D** is correct answer**. i.e.** Sentence **(I)** and **(III)** which best expresses the meaning of the phrase correctly without altering the meaning of the sentence.

116. **(E)** **Option E** is correct alternative. i.e. All Sentence **(I), (II)** and **(III)** best expresses the meaning of the phrase correctly without altering the meaning of the sentence.

117. **(B)** **Option B** is correct alternative. i.e. Sentence **(II)** which best expresses the meaning of the phrase correctly without altering the meaning of the sentence.

118. **(C)** None of the given alternative expresses he same meaning of the given phrase.

119. **(D)** Error lies in the **D part** of the given sentence. **i.e.** **"knew"** should be replaced with **"know"**. So, **Option D** is correct answer.

120. **(E)** There is no error in the given sentence. So, **Option E** is correct answer.

IBPS PO (PRE)
(*Practice Test Paper*)

REASONING ABILITY

DIRECTION (1-5):- Study the following information carefully and answer the questions given below.

Eight persons i.e. J, K, L, M, P, Q, R and S are sitting around a Square table with four of them are sitting at the corner of table and are facing towards the centre of table and likes different Food i.e. Biryani, Burger, Pizza and Idli while rest are sitting at the middle side of table and are facing away from the centre of table and likes different drinks i.e. Pepsi, Sprite, Fanta and Coke. All information not necessary in the same order. Two persons sit between J and the one who likes Burger. S sits second to the left of the one who likes Burger. The one who likes Sprite sits opposite to the one who likes Fanta. P sits to the immediate left of the one who likes Sprite. P does not face S and does not like Burger. Q sits to the immediate left of K. K likes drinks. K does not like Fanta. The one who likes Biryani faces the one who likes Idli. Q does not like Idli. K does not like Coke. R likes Food. M does not like Fanta. J does not like Coke

1. Who among the following likes Biryani?
   (A) Q   (B) K   (C) R   (D) L
   (E) None of these

2. How many persons sit between P and the one who likes Burger?
   (A) One   (B) Two   (C) Three   (D) Four
   (E) None of these

3. Who among the following sits opposite to the one who sits second to the right of the one who likes Coke?
   (A) R
   (B) K
   (C) The one who likes Fanta
   (D) The one who likes Biryani
   (E) None of these

4. Which statement among the following is true regarding K?
   (A) K sits to the immediate left of R
   (B) K sits to the immediate right of Q
   (C) K likes Idli
   (D) Q likes Coke
   (E) None is true

5. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
   (A) J-Sprite   (B) L-Pepsi   (C) R-Burger   (D) S-Idli
   (E) P-Pizza

Direction (6-10):- Study the following information carefully to answer the given questions.

A 2 # V * N 3 4 $ K L 6 8 € O â L 9 µ H & E 3

6. Which of the following is the fifth to the right of the ninth element from the right end of the above arrangement?
   (A) H   (B) 9   (C) %   (D) E
   (E) None of these

7. After removing the alphabets and symbols arrange the remaining numbers in descending order. Which of the set of numbers will be correct in the given option?
   (A) 9 8 6 4 3 2 3   (B) 9 8 4 6 3 3 2
   (C) 9 8 6 4 2 3 3   (D) 9 8 6 3 4 3 2
   (E) 9 8 6 4 3 3 2

8. How many such symbols are there in the above arrangement each of which is immediately followed by a alphabet and also preceded by an alphabet?
   (A) None   (B) One   (C) Two   (D) Three
   (E) More than three

9. If all the symbols in the above arrangement are dropped, then which of the following will be the tenth element from the left end?
   (A) 2   (B) 8   (C) I   (D) 9
   (E) None of these

10. How many such symbols are there in the above arrangement each of which are immediately preceded by a number and followed by an alphabet?
   (A) Three   (B) Two   (C) One   (D) Four
   (E) More than Four

DIRECTION (11-13):- Study the following information carefully and answer the given questions.

In a certain code language
'neat clean take give' is written as 'ta nakege',
'dream bless happy neat' is written as 'de hpbs ta'
'sad clean take dream' is written as 'de nafake'.

11. What is the code for 'dream'?
   (A) ta   (B) de   (C) ge   (D) fa
   (E) None of these

12. 'neat dream sad' can be coded as
   (A) ge de ta   (B) fabs de
   (C) defa ta   (D) Can't be determined
   (E) None of these

13. What is the code for 'happy'?
   (A) hp   (B) bs   (C) Either hp or bs   (D) de
   (E) None of these

DIRECTION (14-15):- Study the following information to answer the given questions.

There are eight family members in a family A, B, C, D, W, X, Y and Z of three generations. Y is grand-daughter of A. D is the only son of A. W is brother-in-law of D. B is daughter-in-law of C. X is grand-son of C. Z is brother-in-law of X, who is unmarried. C is a male.

14. If P is the wife of X then how is B related to P?
(A) Sister
(B) Mother-in-law
(C) father-in law
(D) Mother
(E) Can't be determined

15. How is Z related to D?
(A) Sister
(B) Son-in-law
(C) Daughter-in law
(D) Brother
(E) Can't be determined

Direction (16-20):- Study the following information carefully and answer the question given below.

Ajay, Rahul, Suman, Subin, Suresh, Priya, Ankit, Ajit, Shweta, and Sagar were born between 2000 and 2010. No two people share the same birth year.

The one whose name ends with a vowel was born in 2003. Rahul is elder than Suresh and Sagar. Ankit was born in an even-numbered year. Ajay, Priya, Ajit were born in a leap year. Ajay is the eldest. Ajit is younger to Priya. Suresh was born in an even-numbered year. No one was born in the immediately preceding year in which Suresh was born. Suman is the youngest but was not born in 2009. Subin was born in the immediate next year after Ajit.

16. Suresh was born in which year?
(A) 2002
(B) 2006
(C) 2008
(D) 2009
(E) 2004

17. Who was born in 2003?
(A) Ankit
(B) Shweta
(C) Suresh
(D) Sagar
(E) Subin

18. Subin was born in which year?
(A) 2004
(B) 2005
(C) 2006
(D) 2007
(E) None of these

19. In which year Rahul was born?
(A) 2001
(B) 2002
(C) 2003
(D) 2004
(E) 2005

20. What is the difference between the age of Rahul and Priya?
(A) 1
(B) 2
(C) 3
(D) 4
(E) 5

**DIRECTION (21-23):- Study the following information carefully and answer the questions given below.**

Point P is 5m to the South of Point Q. Point R is 5m to the East of Point Q. Point S is 5m to the East of Point R. Point T is 10m to the South of Point S. Point V is 10m to the East of Point T. Point U is 5m to the West of Point V. Point W is 5m to the North of Point V.

21. In which direction is point P with respect to Point W?
(A) North
(B) East
(C) West
(D) South
(E) None of these

22. What is the shortest distance between Q and V?
(A) $10\sqrt{5}$
(B) $10\sqrt{2}$
(C) $2\sqrt{5}$
(D) $2\sqrt{10}$
(E) None is true

23. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
(A) Q-R
(B) R-S
(C) T-U
(D) U-V
(E) P-W

DIRECTION (24-25):- In these questions relationship between different elements is shown in the statements. These statements are followed by two conclusions. Read the statements and then decide which of the following conclusion follow from the given statements and mark your answer as:

24. Statements:
$O < P \leq B < T : J \leq T = L < K < H > Z$
Conclusion:
I. $O > L$
II. $T \geq O$
(A) If only conclusion I follows
(B) If only conclusion II follows
(C) If either conclusion I or conclusion II follows
(D) If neither conclusion I nor conclusion II follows
(E) If both conclusion I and conclusion II follow

25. Statements:
$S > N > W > U = B; W \geq A \leq H < V < D$
Conclusion:
I. $B < S$
II. $N > D$
(A) If only conclusion I follows
(B) If only conclusion II follows
(C) If either conclusion I or conclusion II follows
(D) If neither conclusion I nor conclusion II follows
(E) If both conclusion I and conclusion II follow

Direction (26-28):- In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

26. Statement:
All tables are stools.
Some stools are horses.
Conclusions:
I. All horses being table is a possibility.
II. All horses are stools.
(A) All follows
(B) Only I follows
(C) Only II follows
(D) Either I or II follow
(E) None follows

27. Statements:

All pink are peach.   No peach is black.

Conclusions:

I. Some blacks are pink.   II. No black is pink.

(A) All follows   (B) Only I follows

(C) Only II follows   (D) Either I or II follows

(E) None follows

28. Statements:

Some chocolates are candies.

All candies are cake.

All cakes are cutlet.

Conclusions:

I. All cutlets are chocolates. II. All cutlets are candies.

(A) Both I and II follows   (B) Only I follows

(C) Only II follows   (D) Either I or II follows

(E) Neither I nor II follows

29. How many such pairs of letters are there in the word IMPLICIT each of which has as many letters between them in the word (in both forward and backward directions), as they have between them in the English alphabetical series?

(A) One   (B) Two   (C) Three   (D) Four

(E) None

30. Some girls are sitting in a row, Naira is sitting 14th from the left and Dhani is 7th from the right. If there are four girls between Naira and Dhani. Maximum number of girls there in the row are?

(A) 25   (B) 21   (C) 23   (D) 19

(E) None of these

DIRECTION (31-35):- Study the following information carefully and answer the questions given below.

Eight Boxes i.e. P, Q, R, S, J, K, L and M are kept one above other. Each box have different number of balls i.e. 3, 4, 8, 13, 21, 23, 24 and 28. All information not necessary in the same order. Three boxes were kept in between the box R and Box K. Box R is kept above Box K. Three boxes were kept between the one who has 4 balls and K. The box which contains 24 balls is kept just below K. Three boxes were kept between Box Q and the one which contain 24 balls. The box which contain 13 balls is kept just below the box which contain 8 balls and just above the one which contain 21 balls. K does not contain 21 balls. Two boxes were kept between the box which contain 13 balls and L. Box L is kept below box R. More than five boxes are kept between box P and Box M. The box which contain 28 balls is kept below box L. P does not contain 28 balls. Box S is kept just above box J. Box P contains less balls than R.

31. Which among the following box contains 13 balls?

(A) P   (B) R   (C) S   (D) J

(E) None of these

32. How many boxes were kept between R and L?

(A) One   (B) Two   (C) Three   (D) Four

(E) More than four

33. Box R contains how many balls?

(A) 4   (B) 8   (C) 13   (D) 21

(E) 24

34. Which statement among the following is true regarding J?

(A) J lives just below of K   (B) J lives just above of S

(C) J contains 23 balls   (D) J contains 28 balls

(E) None is true

35. What is the difference of number of balls that Box L and Box J contain?

(A) One   (B) Two   (C) Three   (D) Four

(E) More than four

QUANTITATIVE APTITUDE

Direction (36-40):- The following graph shows the number of cars sold by different brands in the year 2016 and 2017 (in thousands).
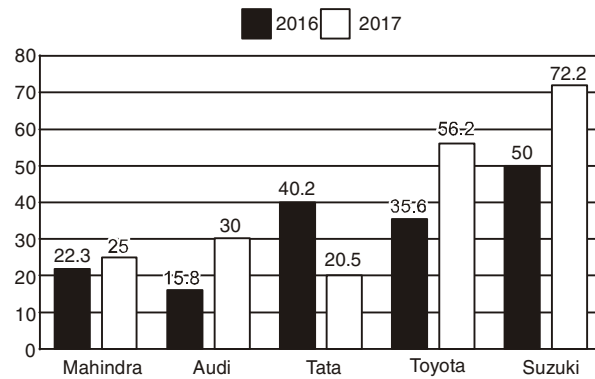
36. What is the average numbers of cars sold by Audi in 2016 and 2017 taken together?

(A) 17500   (B) 31200   (C) 24700   (D) 22900

(E) 21000

37. What is the percentage (approx.) increase in the sales of Toyota from 2016 to 2017?

(A) 58%   (B) 65%   (C) 34%   (D) 12%

(E) 64%

38. What is the ratio between number of cars sold by Mahindra in 2017 and number of cars sold by Tata in 2017?

(A) 31 : 20   (B) 41 : 50   (C) 20 : 31   (D) 50 : 41

(E) 48 : 47

39. What is the total number of cars sold in 2017?

(A) 220500   (B) 203900   (C) 210100   (D) 228900

(E) 220000

40. What is the difference between number of cars sold by Audi and Toyota in 2017 together to number of cars sold by Tata and Suzuki in 2016 together?

(A) 2500   (B) 5050   (C) 4000   (D) 4020

(E) 3600

DIRECTION (41-45):- Find the approximate value of (?) in the following questions?

41. $\left[2197.02^{\frac{1}{3}} + 343.99^{\frac{1}{3}}\right] = \sqrt{?^2 - 39.991} + 10.95$

(A) 13   (B) 15   (C) 14   (D) 11
(E) 12

42. $\dfrac{29.99\% \, of \, 625.03}{4.97\% \, of \, 999.989} \times 24.010 - 39.991 = ?^3 - 21.04 \times 22.06$

(A) 8   (B) 12   (C) 5   (D) 15
(E) 11

43. $79.998\% \, of \, 2499 + 226.067 - 412.001 - 4.034 = ?^3 + (20.99)^2$

(A) 38   (B) 35   (C) 42   (D) 40
(E) 37

44. $?\% \, of \, (843.05 - 126.960 - 116.054) = 522.02$

(A) 81   (B) 87   (C) 93   (D) 95
(E) 77

45. $? + 150.01\% \, of \, 249.98 = 45.954 \times 12.002$

(A) 183   (B) 177   (C) 189   (D) 181
(E) 173

46. Radius of the concentric circle is 7 cm and 14 cm. The difference between the area of the circles is ……% of the area of the larger circle.

(A) 75   (B) 70   (C) 60   (D) 58
(E) 52

47. 450 kg of type 1 rice of price Rs. 96 per kg and 550 kg of type 2 rice are mixed. The average price of the mixture is Rs. 66. 30. What is the price per kg of type 2 rice?

(A) Rs. 39 per kg   (B) Rs. 40 per kg
(C) Rs. 44 per kg   (D) Rs. 45 per kg
(E) None of the above

48. A product was sold for Rs. 1840 after giving a discount of 15% on the marked price. Find the marked price of the product.

(A) Rs. 1600   (B) Rs. 1995   (C) Rs. 2165   (D) Rs. 2425
(E) Rs. 2760

49. Amount received at the end of 2 year at 10% per annum of the investment of Rs. 75200 is Rs. _____ under compound interest.

(A) 79,452   (B) 82,476   (C) 86,293   (D) 90,992
(E) 93,679

50. B is 50% more efficient than A & 20% more efficient than C. If B can complete a work in 20 days, how many days will A & C together take to complete the same work.

(A) $13\frac{1}{3}$ days   (B) 14 days   (C) 16 days   (D) 12 days

(E) $12\frac{1}{2}$ days

51. Ratio of age of Ravi to Vicky, 4 years ago was 5: 6, while ratio of present age of Rocky to that of Vicky is 5: 4. If 2 years later sum of age of Ravi and Rocky will be 63 years, then find the difference between present age of Ravi and Vicky?

(A) 4 years   (B) 2 years   (C) 8 years   (D) 6 years
(E) 5 years

52. An article is sold at 40% discount on M.P. and ratio of C.P. to S.P. is 5: 8 then what is the M.P. of article if the profit obtained on the article is Rs. 450.

(A) Rs. 1400   (B) Rs. 2400   (C) Rs. 1600   (D) Rs. 2200
(E) Rs. 2000

53. If two dices are rolled together, then find the probability of getting a sum of numbers on both the dice an even number?

(A) 3/4   (B) 2/3   (C) 1/6   (D) 5/6
(E) 1/2

54. The average of 'x' numbers is 24. If 1/4 of the numbers are increased by 6 each and remaining are decreased by 4 each then what is the new average?

(A) 21.5   (B) 22.5
(C) can't be determined   (D) 23
(E) none of these

55. Excluding stoppages, the speed of a train is 48 km/hr and including stoppages it is 40 km/hr. What is the stoppages time of the train (in minutes) per hour?

(A) 12   (B) 14   (C) 20   (D) 10
(E) can't be determined

DIRECTION (56-59):- What should come in place of question mark '?' in the following number series?

56. 3, 5, 11, 26, 57, 113,?

(A) 149   (B) 159   (C) 300   (D) 110
(E) 205

57. 19, 29, 47, 77, 125, ?

(A) 100   (B) 200   (C) 175   (D) 150
(E) 125

58. 31, 15, 21, 50, ?, 767.25

(A) 160.5   (B) 171.5   (C) 156.5   (D) 122.5
(E) 143.5

59. 8, 28, 56, 92, ?

(A) 136   (B) 128   (C) 152   (D) 148
(E) 160

DIRECTION (60-64):- Study the passage given below carefully and answer the following questions.

In a school, there are total of 243 students in 5 classes (i.e. class – I, II, III, IV & V). Students in Class – IV are 50% more than students in Class – II and students in Class – III are 10 more than students in Class – II. Students in Class – V are 80% of students in Class – IV and ratio of students in Class – I to that of in Class – V is 15 : 16.

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60. If ratio of boys to girls in Class – I & IV is 3 : 2 and 8 : 7 respectively, then find number of girls in Class – I & IV together is what percent of total students in Class – II?
(A) 115%   (B) 130%   (C) 120%   (D) 135%
(E) 125%

61. If ratio of students who play basketball, football and cricket in Class – III & V is 2 : 1 : 2 and 2 : 3 : 3 respectively, then find ratio of students who play football in these 2 classes together to students who play cricket in these two classes together.
(A) 11 : 9   (B) 1 : 1   (C) 7 : 4   (D) 6 : 1
(E) None of the above

62. If ratio of girls to boys in Class – II is 2 : 3 and average weight of boys in Class - II is 40kg and average weight of girls in Class – II is 25kg, then find the average weight of Class – II.
(A) 33 kg   (B) 34 kg   (C) 37 kg   (D) 36 kg
(E) 35 kg

63. Find average number of students in Class – II, III & V.
(A) 52   (B) 46   (C) 45   (D) 42
(E) 49

64. If total students in Class - VI are equal to 150% of average number of students in Class – II & V, then find difference between total students in Class - VI and total students in Class - IV.
(A) 18   (B) 9   (C) 12   (D) 6
(E) 15

DIRECTION (65-69):- Study the following table carefully and answer the questions given below it.

Number of Teachers in various Universities - Males and Females and percentage of PhDs amongst them.

Univer-sities	Males		Females	
	No. of Teachers	% of PhDs	No. of Teachers	% of PhDs
A	A	35	150	50
B	B	75	120	40
C	C	45	125	60
D	D	70	80	80
E	E	30	100	40

65. What is the average number of male teachers in all the Universities together?
(A) 156   (B) 186   (C) 226   (D) 256
(E) 272

66. What is the total number of PhD female teachers from University B and C together?
(A) 97   (B) 113   (C) 123   (D) 147
(E) None of these

67. What is the respective ratio of the non - PhD female teachers from University A to the non - PhD male teachers from the same University?
(A) 27 : 25   (B) 25 : 27   (C) 29 : 25   (D) 25 : 39
(E) None of these

68. What is the difference between the number of male PhD teachers from University D and female PhD teachers from the same University?
(A) 201   (B) 181   (C) 151   (D) 137
(E) None of these

69. The number of PhD teachers in University E is approximately what per cent of the total number of teachers in the University E?
(A) 24   (B) 33   (C) 52   (D) 56
(E) 62

70. A certain money becomes 7/4 th of itself in 6 years at a certain rate of simple interest. Find the rate of interest (in %).
(A) 25   (B) 30   (C) 12.5   (D) 6.25
(E) 10

ENGLISH LANGUAGE

DIRECTION (71-75):- Read each sentence to find out if there is any error in it. The error, if any will be in one part of the sentence. The number of that part is the answer if there is no error, the answer is (E).

71. ET studied records by (A) / the Lucknow district court (B) / and found that the CBI filed a (C) / charge sheet against MLA Kuldeep Singh (D) / No Error (E)
(A) A   (B) B   (C) C   (D) D
(E) E

72. Ram completed the basics (A) / of the project and hoped (B) / that it would be (C) / completed within one month (D) / No error (E)
(A) A   (B) B   (C) C   (D) D
(E) E

73. Because he has been (A) / working for a month (B) / so he does not (C) / come to the office (D) / No error (E)
(A) A   (B) B   (C) C   (D) D
(E) E

74. She was (A) / not only sympathetic to the (B) / needy humans but (C) / also to the animals (D) / No error (E)
(A) A   (B) B   (C) C   (D) D
(E) E

75. The tweet ended up (A) / dividing Twitter users on (B) / religious lines and could (C) / stokes communal disharmony (D) / No error (E)
(A) A   (B) B   (C) C   (D) D
(E) E

DIRECTION (76-80):- A passage is given below with five blanks labeled (A)-(E). Below the passage, four options are given for each blank. Choose the word that fits each blank most appropriately in the context of the passage, and mark the corresponding answer.

Poorer countries could raise taxes, but they don't because they have relied on market studies paid for by tobacco companies. These suggest that high taxes on cigarettes cause

a surge in smuggling and, ___(A)___, reduce overall tax revenues. Now, independent studies by the World Bank and others have shown that this conclusion is wrong. The black market is not as ___(B)___ as it seems and the revenues raised by higher cigarette taxes can help suppress it.

The secret is to make the tax predictable and ___(C)___. A uniform tax of, say, $1 a pack on all brands helps governments monitor compliance and predict tax revenues. As a rule, the World Health Organisation says, taxes should be at least 75% of the retail price of the most popular brand of cigarettes and rise with inflation and income growth.

The other step is to crack down on smuggling and tax evasion. Tax stamps that are difficult to ___(D)___ are a good start. Brazil, the Philippines, and Turkey print encrypted codes on stamps in invisible ink. Kenya fits tobacco ___(E)___ with devices that transmit their routes to the authorities, helping them keep tabs on the merchandise.

76. Which of the following words most appropriately fits the blank labelled (A)?
    (A) Abstruse   (B) Perversely
    (C) Accost   (D) Dispel
    (E) None of the above

77. Which of the following words most appropriately fits the blank labelled (B)?
    (A) Menacing   (B) Edict
    (C) Ebullient   (D) Impetuous
    (E) None of the above

78. Which of the following words most appropriately fits the blank labelled (C)?
    (A) Inexorable   (B) Punitive
    (C) Laconic   (D) Knell
    (E) None of the above

79. Which of the following words most appropriately fits the blank labelled (D)?
    (A) Potentate   (B) Puerile
    (C) Staid   (D) Counterfeit
    (E) None of the above

80. Which of the following words most appropriately fits the blank labelled (E)?
    (A) Stolid   (B) Plaudit   (C) Lorries   (D) Sanguine
    (E) None of the above

DIRECTION (81-85):- Given sentences are not in their exact position. Rearrange them to make a coherent paragraph and then answer the questions given below.

(A) In the 2014-2016 period, of the 21 large States, only two — Kerala and Chhattisgarh — had an SRB of above 950 girls per 1000 boys.

(B) Female foeticide continues to increase at an alarming rate, as per the Sample Registration System data

(C) Thus at present, at least 5% of girls are 'eliminated' before they are born, despite the promises of the Beti Bachao Beti Padhao scheme.

(D) As a result the sex ratio at birth (SRB) has been dropping continuously since Census 2011,

(E) This has come down from 909 girls per thousand boys in 2013 to 896 girls in 2017,

81. Which of the following should be the FIRST sentence after the rearrangement?
    (A) A   (B) B   (C) C   (D) D
    (E) E

82. Which of the following should be the FOURTH sentence after the rearrangement?
    (A) A   (B) B   (C) C   (D) D
    (E) E

83. Which of the following should be the SECOND sentence after the rearrangement?
    (A) A   (B) B   (C) C   (D) D
    (E) E

84. Which of the following should be the THIRD sentence after the rearrangement?
    (A) A   (B) B   (C) C   (D) D
    (E) E

85. Which of the following should be the LAST sentence after the rearrangement?
    (A) A   (B) B   (C) C   (D) D
    (E) E

DIRECTION (86-93):- Read the following passage carefully and answer the questions given below it. Certain words have been highlighted for your attention.

Researchers from Mahatma Gandhi University, Kerala have identified a native roadside plant that can take up lead from the soil and thus help in removing the metal from the environment. The plant was found to accumulate lead at about 12,000 microgram/g of dry weight in the root and 7,000 microgram/g of dry weight in its shoot.

"These plants grow in soils that are continuously exposed to lead from vehicle exhausts. Though lead additives in petrol and diesel are banned now, some low-quality fuels still have a huge percentage of lead," explains Dr. Joseph George Ray from the School of Biosciences at the University and corresponding author of the work published in Ecotoxicology and Environmental Safety.

Among the hundreds of native plants **screened**, research done earlier by the group shortlisted three plants. The present study found that Eclipta prostrata had the highest lead tolerance. E. prostrata or 'False Daisy' is found across the Indian subcontinent. Known 'Bhringraj' (Karisalankanni in Tamil), it is used as a 'hair-growth stimulant' and in many ayurvedic preparations. "The plant may be using the lead to protect itself from the pests, or other predators. Tribal people use it an antidote for snake bites and treatment of scorpion stings," adds Dr Ray. Spectrophotometric studies showed increased levels of many

enzymes that are known to induce **tolerance** in plants. "Hi-tech microscopic analysis showed that the lead travelled to the leaves and was deposited as lead nanoparticles in its cell wall, cytoplasm and chloroplast. Though we noticed a little distortion in the structure of these organelles no toxicity was seen," explains Chandana Chandrasekhar, the first author of the paper. Dr Ray further explains that the plants can be burned up after they have taken up the lead. In this way, the metal can be effectively contained and later disposed of safely. This study has provided evidence that the plant is a lead hyperaccumulator that has suitable biochemical machinery. But as the present experiment was carried out using a soluble salt of lead (lead nitrate), more studies are needed in contaminated environments where lead is usually found in insoluble forms.

86. Which of the below sentences summarizes the key idea of the passage?
(A) Deforestation
(B) Increasing pollution and soil erosion
(C) Degradation in the quality of soil
(D) The life of a plant
(E) Plants might be able to remove lead from soil: study

87. Which of the following words is the most similar in meaning to the word 'screened' as given in the passage?
(A) Tangible   (B) Distortion
(C) Presented   (D) Consolidated
(E) Concrete

88. Which of the following words is the most opposite in meaning to the word 'tolerance' as given in the passage?
(A) Abnegation   (B) Bereft
(C) Camaraderi   (D) Insularity
(E) Debunk

89. Which of the following can be inferred from the passage?
(A) Eclipta prostrata, found across the Indian subcontinent, has the highest lead tolerance.
(B) Eclipta prostrata is used as a 'hair-growth stimulant' and in ayurvedic preparations.
(C) Tribal people use Bhringraj as an antidote for snake bites and treatment of scorpion stings.
(D) Karisalankanni is used as a 'hair-growth stimulant'.
(E) All of the above

90. How does the Eclipta prostrata helps in eliminating lead from the soil?
(A) By growing the plants in great numbers so that they can soak all the lead and can later die on their own disposing off the metal with them.
(B) By burning the plants after they have taken in all the lead.
(C) By using the plant to collect lead and then use it to manufacture other lead based products.
(D) By burning the plants as soon as they start growing as they have high led content and can infect the soil.
(E) Not mentioned in the passage.

91. The Eclipta prostrata grows in soils that are continuously exposed to lead from _____.
(A) Low-quality fuels   (B) Lead additives
(C) Petrol and Diesel   (D) Vehicle exhausts
(E) All of the above

92. What is the name of the native roadside plant discovered to have the highest lead tolerance?
(A) Eclipta prostrate   (B) False Daisy
(C) Bhringraj   (D) Karisalankanni
(E) All of the above

93. Which of the following stands false as per the reading of the given passage?
(A) Dr. Ray is a corresponding author of the work published in Ecotoxicology and Environmental Safety.
(B) The present experiment was carried out using the salt named lead nitrate.
(C) A little distortion was noticed in the structure of E. prostrata and it was highly toxic.
(D) Microscopic analysis showed that the lead travelled to the leaves and was deposited as lead nanoparticles in its cell wall, cytoplasm and chloroplast.
(E) None of the above

DIRECTION (94-96):- In the following questions two columns are given containing three sentences/phrases each. In first column, sentences/phrases are A, B and C and in the second column the sentences/phrases are D, E and F. A sentence/phrase from the first column may or may not connect with another sentence/phrase from the second column to make a grammatically and contextually correct sentence. Each question has five options which display the sequence(s) in which the sentences/phrases can be joined to form a grammatically and contextually correct sentence. Choose the pair(s) which make(s) a grammatically meaningful sentence.

94.

Column (1)	Column (2)
(A) Tourists and the Amarnath pilgrims were directed to	(D) People sometimes confused caste with gotra
(B) Census 2021 is unlikely to collect "caste wise" data	(E) against the controversial legislation criminalising triple talaq
(C) Muslim and Dalit organisations staged protests	(F) suggest specific threat to the yatra

(A) C-F and A-D   (B) B-F
(C) A-F   (D) C-E
(E) B-D and A-F

95.

Column (1)	Column (2)
(A) State Bank of India (SBI), the country's largest lender	(D) vast range of public sector for private
(B) A spate of reforms undertaken by the government has led to	(E) challenging times in terms of investment
(C) India has failed to capitalise on opportunities	(F) reported a net profit of [1] 2,312 crore for the April-June quarter

(A) C-F and A-D (B) B-F
(C) A-F (D) C-E
(E) B-D and A-F

95.

Column (1)	Column (2)
(A) Equitas Holdings Ltd. (EHL) has sought extension	(D) approved the composite scheme of arrangement.
(B) The Reserve Bank of India (RBI) has imposed a	(E) director can be appointed for three years
(C) The RBI has come out with guidelines on	(F) a monetary penalty on eight banks for violating various norms.

(A) C-F and A-D (B) B-F
(C) A-F (D) C-E
(E) B-D and A-F

DIRECTION (97-98):- In the following sentence, a part of the sentence is underlined. Below are given alternatives to the underlined part, which may improve the sentence. Choose the correct alternative. In case no improvement is needed, choose the alternative that indicates 'No improvement'.

97. If you read ten pages of a good book letter by letter, that is to say with real accuracy, <u>you are forevermore in some measure</u> an educated person.
A. You will forevermore in some measure
B. You are forever more in some measure
C. You are forevermore in little measure
(A) Only A (B) Both A and C
(C) Only C (D) Both B and C
(E) No improvement

98. There is only one cure for the evils <u>which newly acquiring freedom</u> produces and that cure is freedom.
A. Which newly acquired freedom
B. Which newly procured freedom
C. Which new procuring freedom
(A) Only A (B) Both A and B
(C) A, B and C (D) Only D
(E) No improvement

DIRECTION (99-100):- In the following questions, a sentence is divided into four parts consisting of a highlighted word in each part. Choose the option reflecting the word which is either misspelt or grammatically incorrect. If all the highlighted words are correct, choose option (E) i.e. "all are correct" as your answer choice

99. Chief **Minister** Arvind Kejriwal on Thursday **anounced** free electricity for people **consuming** up to 200 units under a **domestic** connection.
(A) Minister (B) anounced
(C) Consuming (D) Domestic
(E) All are correct

100. **Formar** Vice President of Maldives Ahmed Adeeb Abdul Ghafoor, who **secretly** fled the Maldives on a **boat** to India, was held by Indian **authorities**.
(A) Formar (B) Secretly
(C) Boat (D) Authorities
(E) All are correct

ANSWER KEY

1. (A)	2. (C)	3. (C)	4. (E)	5. (B)	6. (A)	7. (E)	8. (D)	9. (B)	10. (D)
11. (B)	12. (C)	13. (C)	14. (B)	15. (B)	16. (B)	17. (B)	18. (E)	19. (A)	20. (C)
21. (C)	22. (A)	23. (E)	24. (D)	25. (A)	26. (B)	27. (C)	28. (E)	29. (B)	30. (A)
31. (C)	32. (D)	33. (A)	34. (E)	35. (C)	36. (D)	37. (A)	38. (D)	39. (B)	40. (C)
41. (D)	42. (A)	43. (E)	44. (B)	45. (B)	46. (A)	47. (E)	48. (C)	49. (D)	50. (A)
51. (A)	52. (E)	53. (E)	54. (B)	55. (D)	56. (E)	57. (B)	58. (B)	59. (A)	60. (A)
61. (E)	62. (B)	63. (B)	64. (D)	65. (D)	66. (C)	67. (D)	68. (B)	69. (B)	70. (C)
71. (A)	72. (E)	73. (C)	74. (B)	75. (D)	76. (B)	77. (A)	78. (B)	79. (D)	80. (C)
81. (B)	82. (A)	83. (D)	84. (E)	85. (C)	86. (E)	87. (C)	88. (D)	89. (E)	90. (B)
91. (D)	92. (E)	93. (C)	94. (D)	95. (C)	96. (B)	97. (E)	98. (B)	99. (B)	100. (A)

HINTS & SOLUTION

DIRECTION (1-5) -
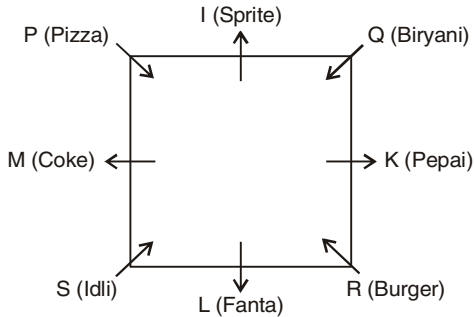
1. **(A)**
2. **(C)**
3. **(C)**
4. **(E)**
5. **(B)**
6. **(A)** 9th from the Right – 5th from the Right = 4th from the Right.

    Clearly, 4th from the Right is H.
7. **(E)** After removing the alphabets and symbols will get the series as 2 3 4 6 8 9 3 The descending order is 9 8 6 4 3 3 2. Hence option E is correct.
8. **(D)** A 2 # **V** * **N** 3 4 $ K L 6 8 € **O â L** 9 µ **H & E** 3 Hence, there are three sets which is immediately followed by a alphabets and preceded by an alphabet.
9. **(B)** 1) If all the symbols are dropped: A 2 V N 3 4 K L 6 8 O L 9 H E 3

    10th letter from the left end is 8
10. **(D)** There are 4 symbols which is immediately preceded by number and followed by an alphabet: 2 # V, 4 $ K, 8 € O and 9 µ H.

DIRECTION (11-13) -

Neat	Ta
Clean	Na/ke
Take	Ke/na
Give	Ge
Dream	De
Bless	Bs/hp
Happy	Hp/Bs
Sad	Fa

11. **(B)**
12. **(C)**
13. **(C)**

DIRECTION (14-15) -
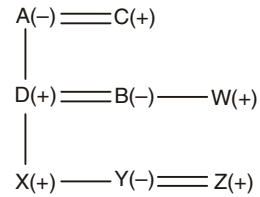
14. **(B)**
15. **(B)**

DIRECTION (16-20) -

	Person
Year	Case 1 A
2000	Ajay
2001	Rahul
2002	Ankit
2003	Shweta
2004	Priya
2005	X
2006	Suresh
2007	Sagar
2008	Ajit
2009	Subin
2010	Suman

16. **(B)**
17. **(B)**
18. **(E)**
19. **(A)**
20. **(C)**

DIRECTION (21-23) -
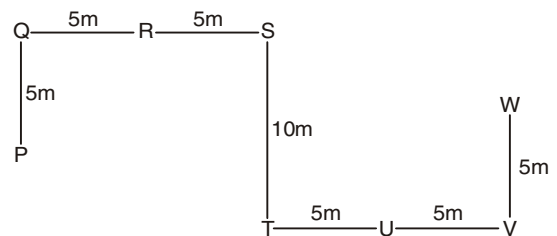
21. **(C)**
22. **(A)**
23. **(E)**
24. **(D)** I. O > L (False)

    II. T ≥ O (False)
25. **(A)** I. B < S (True)

    II. N > D (False)

26. (B)

27. (C)

28. (E)

29. (B)

I	M	P	L	I	C	I	T
9	13	16	12	9	3	9	20
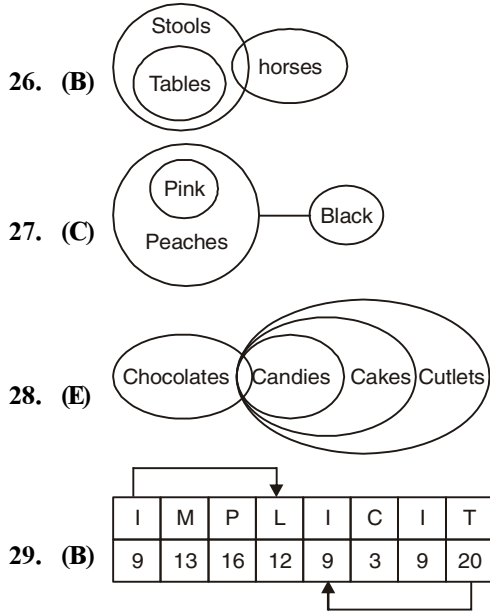
30. (A) Number of girls in the row = No. of girls up to Naira + No. of girls between Naira and Dhani + No. of girls including Dhani and those behind Dhani = 14 + 4 + 7 = 25.

DIRCTION (31-35) -

Boxes	Number of Balls
P	3
R	4
Q	8
S	13
J	21
K	23
L	24
M	28

31. (C)

32. (D)

33. (A)

34. (E)

35. (C)

36. (D) Total number of cars sold by Audi in 2016 and 2017 = (15800 + 30000) = 45800

∴ Average number of cars sold by Audi in 2016 and 2017 = 45800/2 = 22900

37. (A) ∴ Increase in the sales = 56200 - 35600 = 20600

∴ Required percentage ⇒ (20600/35600) × 100% = 57.86 ≈ 58%

38. (D) Ratio between number of cars sold by Mahindra and Tata in 2017 = 25000 : 20500 = 50 : 41

39. (B) Total number of cars sold in 2017 = (25000 + 20500 + 56200 + 30000 + 72200) = 203900

40. (C) Required difference = (50000 + 40200) − (30000 + 56200) = 4000

41. (D) $\left[(2197.02)^{\frac{1}{3}} + (342.99)^{\frac{1}{3}} \right] = \sqrt{(?)^2 - 39.991 + 10.95}$

$\sqrt[3]{2197} + \sqrt[3]{343} = \sqrt[2]{(?)^2 - 40 + 11}$

$13 + 7 = \sqrt[2]{(?)^2 - 40 + 11}$

$(9)^2 = (?)^2 - 40$

$\sqrt[2]{121} = ?$

$? = 11$

42. (A) $\dfrac{29.99\% \text{ of } 625.03}{4.97\% \text{ of } 999.989} \times 24.010 - 39.991 = ?^3 - 21.04 \times 22.06$

$\dfrac{\left(\left(\frac{80}{100} \times 625 \right) \right)}{\left(\frac{5}{100} \times 100 \right)} \times 24 - 40 = ?^3 - 21 \times 22$

$\dfrac{187.5}{50} \times 24 - 40 + 462 = ?^3$

$90 + 422 = ?^3$

$? = \sqrt[3]{512}$

$? = 8$

43. (E) $79.998\% \text{ of } 2499 + 226.067 - 412.001 - 4.034 = ?^2 + (20.99)^2$

$\dfrac{80}{100} \times 2500 + 226 - 412 - 4 - (21)^2 = ?^2$

$2000 - 190 - 441 = (?)^2$

$? = \sqrt[2]{1369}$

$? = 37$

44. (B) $? \% \text{ of } (843.05 - 126.960 - 116.054) = 522.05$

$\dfrac{?}{100} \times (843 - 127 - 116) = 522$

$\dfrac{?}{100} \times 600 = 522$

$? = \dfrac{522 \times 100}{600}$

$? = 177$

45. (B) $? + 150.01\% \text{ of } 249.98 = 45.954 \times 12.002$

$? + \dfrac{150}{100} \times 250 = 46 \times 12$

$? = 522 - 375$

$? = 177$

46. **(A)** Difference in the area = ð(R² – r²) = (22/7) × (14² – 7²) = 462 cm²

Area of the larger circle = ðR² = (22/7) × 14 × 14 = 616 cm²

∴ Require % = (462/616) × 100 = 75%

47. **(E)** Total price of type 1 rice = 450 × 96 = Rs. 43,200

Total price of type 2 rice = 550 × x = Rs. 550x

Total price of the mixture = 66.30 × 1000 = Rs. 66,300

Price of type 2 rice per kg = x = $\dfrac{66300 - 43200}{550}$

= Rs. 42 per kg

48. **(C)** Selling price = Marked price – Discount

⇒ 0.85 MP = 1840

⇒ MP = 1840/0.85 = 2164.70 ≅ Rs. 2165

49. **(D)** A = amount received at the end of time period

⇒ A = $75200 \times \left[1 + \dfrac{10}{100}\right]^2$

= $75200 \times \dfrac{110}{100} \times \dfrac{110}{100} = 90992$

50. **(A)** The ratio of efficiency,

A : B : C = 4 : 6 : 5

Now, if B can do a work in 20 days, when B = 6

Then, A & C together can do it in

= $\dfrac{20 \times 6}{4 + 5} = \dfrac{120}{9} = 13\dfrac{1}{3}$ days

51. **(A)** Let age of Ravi and Vicky, 4 years ago was 5x

Years and 6x years respectively

2 years later, age of Ravi = (5x + 6) years

Age of Rocky, 2 years later = $\left(\dfrac{6x+4}{4} \times 5\right) + 2\, years$

ATQ

$(5x+6) + \left(\dfrac{6x+4}{4} \times 5\right) + 2 = 63$

x = 4

required difference = 4 years

52. **(E)** S.P. = M.P. $\left(\dfrac{60}{100}\right)$

$\dfrac{SP}{MP} = \dfrac{3}{5}$

Let CP be 5y & SP be 8y.

ATQ

3y = 450

y = Rs. 150

∴ SP = 8 × 150 = Rs. 1200

∴ MP = $\dfrac{1200 \times 5}{3}$ = Rs. 2000

53. **(E)** When two dices are rolled together,

Total number of possible cases = 36

Favourable cases

= (1,1), (1, 3), (1, 5), (2, 2), (2, 4), (2, 6), (3, 1), (3, 3), (3 5), (4, 2), (4, 4), (4, 6), (5, 1), (5, 3), (5, 5), (6, 2), (6, 4), (6, 6) = 18 cases

Required probability = $\dfrac{1}{2}$

54. **(B)** New average

= $\dfrac{24 \times x + \dfrac{1}{4} \times x \times 6 - \dfrac{3}{4} \times x \times 4}{x}$

= $\dfrac{24x + 1.5x}{x} - 3$

⇒ 22.5

55. **(D)** Train travles 48 km in an hour without stoppages

48 km → 60 min

1 km → $\dfrac{60}{48}$ min

40 km → $\dfrac{60}{48} \times 40$ = 50 min

So, stoppage time = (60 – 50) min = 10 min

56. **(E)**

3	5	11	26	57	113	205
+2	+6	+15	+31	+56	+92	
+2²	+3²	+4²	+5²	+6²		

57. **(B)**

19	29	47	77	125	200	
+10	+18	+30	+48	+75	+8	+12
+18	+27					

×1.5   ×1.5   ×1.5

58. **(B)** ⇒ 31 × 0.5 – 0.5 = 15

⇒ 15 × 1.5 – 1.5 = 21

⇒ 21 × 2.5 – 2.5 = 50

⇒ 50 × 3.5 – 3.5 = 171.5

59. **(A)** ⇒ 4² – 2³ = 8

⇒ 6² – 2³ = 28, and so on

⇒ 12² – 2³ = 136 = ?

DIRECTION (60-64)-

Let students in class II be 2x

So, students in class -IV = $\frac{150}{100} \times 2x = 3x$

Students in Class -III = $(10 + 2x)$

Students in Class -V = $\frac{80}{100} \times 3x = 2.4x$

Students in Class -I = $2.4x \times \frac{15}{16} = 2.25x$

ATQ,

$2.25x + 2x + (10 + 2x) + 3x + 2.4x = 243$

$11.65x = 233$

$x = 20$

Class	Total students
I	45
II	40
III	50
IV	60
V	48

60. (A) Girls in Class - I & IV to together

$= \left(45 \times \frac{2}{5}\right) + \left(60 \times \frac{7}{15}\right) = 18 + 28 = 46$

Required % = $\frac{46}{40} \times 100 = 115\%$

61. (E) Students who play football in Class - III & V

together = $\left(50 \times \frac{1}{5}\right) + \left(48 \times \frac{3}{8}\right)$

$= 10 + 18 = 28$

Students who play cricket in Class - III & V together

$= \left(50 \times \frac{2}{5}\right) + \left(48 \times \frac{3}{8}\right)$

$= 20 + 18 = 38$

Required ratio = $\frac{28}{38} = 14 : 19$

62. (B) Number of boys in Class - II = $40 \times \frac{3}{5} = 24$

Number of girls in Class - II = $40 - 24 = 16$

Required average weight = $\frac{\left((24 \times 40) + (16 \times 25)\right)}{24 + 16}$

$= \frac{960 + 400}{40} = 34$ kg

63. (B) Required average = $\frac{(40 + 50 + 48)}{3}$

$= 46$

64. (D) Total students in Class - VI = $\frac{150}{100} \times \left(\frac{40 + 48}{2}\right) = 66$

Required difference = $66 - 60 = 6$

65. (D) Total number of male teachers = $180 + 250 + 200 + 350 + 300 = 1280$

Average number of male teachers = $1280/5 = 256$

66. (C) Total PhD female teachers in University B = $(40/100) \times 120 = 48$

Total PhD female teachers in University C = $(60/100) \times 125 = 75$

Total female PhD teachers = 123

67. (D) Total number of Non - PhD male teachers in university A = $(65/100) \times 180 = 117$

Total number of Non - PhD female teachers in university A = $(50/100) \times 150 = 75$

Ratio of females to males = $75/117 = 25 : 39$

68. (B) Male PhD teachers in university D = $(70/100) \times 350 = 245$

Female PhD teachers in university D = $(80/100) \times 80 = 64$

Difference in male and female teachers = $245 - 64 = 181$

69. (B) Male PhD teachers in university E = $(30/100) \times 300 = 90$

Female PhD teachers in university E = $(40/100) \times 100 = 40$

Total teachers in university E = $300 + 100 = 400$

% of PhD teachers in university E = $(130/400) \times 100 = 32.5\% \sim 33\%$

70. (C) Let the money invested be x, let rate be R%

It becomes $\frac{7}{4}th$ of itself in 6 years.

So interest = $\frac{7}{4}x - x = \frac{3x}{4}$

So, ATQ,

$\frac{3x}{4} = \frac{x \times R \times 6}{100}$

$R \Rightarrow \frac{25}{2}\% = 12.5\%$

71. **(A)** Error lies in the **A part** of the given sentence. **i.e.** **"by"** should be replaced with **"at"**.

    So, **Option A** is correct answer.

72. **(E)** There is no error in the given sentence. So, **Option E** is correct answer.

73. **(C)** Error lies in the **C part** of the given sentence. **i.e.** **"so"** should be removed from the sentence because to join two sentences only one conjunction is used. So, **Option C** is correct answer.

74. **(B)** Error lies in the **B part** of the given sentence. **i.e.** the correct use of **"not only"** is before **"needy humans"**. So, **Option B** is correct answer.

75. **(D)** Error lies in the **D part** of the given sentence. **i.e.** **"stokes"** should be replaced with **"stoke"**. So, **Option D** is correct answer.

76. **(B)** According to the passage, **Option B** is right answer.

    Perversely - in a manner contrary to what is expected

77. **(A)** According to the passage, **Option A** is right answer.

    Menacing - suggesting the presence of danger

78. **(B)** According to the passage, **Option B** is right answer.

    Punitive - extremely high.

79. **(D)** According to the passage, **Option D** is right answer.

    Counterfeit - to fake or make deceitful imitation.

80. **(C)** According to the passage, **Option C** is right answer.

    Lorries - a large, heavy motor vehicle for transporting goods.

81. **(B)** The Correct Sequence after rearrangement is – **BDEAC.** So, the **FIRST** sentence is **"B".**

    So, **Option B** is correct answer.

82. **(A)** The Correct Sequence after rearrangement is – **BDEAC.** So, the **FOURTH** sentence is **"A".**

    So, **Option A** is correct answer.

83. **(D)** The Correct Sequence after rearrangement is – **BDEAC.** So, the **SECOND** sentence is **"D".**

    So, **Option D** is correct answer.

84. **(E)** The Correct Sequence after rearrangement is – **BDEAC.** So, the **THIRD** sentence is **"E".**

    So, **Option E** is correct answer.

85. **(C)** The Correct Sequence after rearrangement is – **BDEAC.** So, the **LAST** sentence is **"C".**

    So, **Option C** is correct answer.

86. **(E)** According to the passage, **Option E** is right answer.

87. **(C)** **Option C** is most similar to the given word.

    Screened – to show or to present.

    Presented – to introduce.

    So, **Option C** is correct answer.

88. **(D)** **Option D** is opposite to the given word.

    Tolerance – the capacity to endure continued subjection to something such as a drug.

    Insularity - inflexibility in behaviour.

    So, **Option D** is correct answer.

89. **(E)** According to the passage, **Option E** is right answer.

90. **(B)** According to the passage, **Option B** is right answer.

91. **(D)** According to the passage, **Option D** is right answer.

92. **(E)** According to the passage, **Option E** is right answer.

93. **(C)** According to the passage, **Option C** is right answer.

94. **(D)** **Option D** is correct answer as the phrases given in the **Column (C-E)** can be joined to make the sentence grammatically and contextually correct.

95. **(C)** **Option C** is correct answer as the phrases given in the **Columns (A-F)** can be joined to make the sentence grammatically and contextually correct.

96. **(B)** **Option B** is correct answer as the phrases given in the **Columns (B-F)** can be joined to make the sentence grammatically and contextually correct.

97. **(E)** No improvement is needed in the given sentence. So, **Option E** is correct answer.

98. **(B)** Both the alternatives **A** and **B** are used for the improvement of the given sentence.

    So, **Option B** is correct answer.

99. **(B)** The spelling of the word **"anounced".** The correct spelling is **"announced".** So, **Option B** is correct answer.

100. **(A)** The spelling of the word **"formar".** The correct spelling is **"former".** So, **Option A** is correct answer.

SSC CGL (TIER-I)

(*Practice Test Paper*)

REASONING ABILITY

1. In the following question, select the related words/letters/numbers from the given alternatives.

French : France :: Dutch : ?

(A) Holland   (B) Norway   (C) Fiji   (D) Sweden

2. In the following question, select the odd one from the given alternatives.

(A) 6, 30   (B) 7, 42   (C) 12, 156   (D) 17, 272

3. In the following question, select the odd one from the given alternatives.

(A) Neymar   (B) Pele

(C) Maradona   (D) Allan Border

4. In a certain code language, UNDER is coded as VPGIW. How is SOME coded in the same language?

(A) TPQH   (B) TQPI   (C) TOPJ   (D) TPQH

5. Arrange the following words as per in a dictionary by choosing the correct alternative.

1. Grind

2. Growth

3. Great

4. Grease

5. Greet

(A) 4, 3, 5, 1, 2   (B) 2, 1, 4, 5, 3

(C) 5, 3, 2, 4, 1   (D) 5, 4, 1, 2, 3

6. In the following question, select the related number from the given alternatives.

09 : 78 :: 16 : ?

(A) 250   (B) 256   (C) 252   (D) 254

7. In the following question, four group of three number are given. In each group, the second and third number is related to the first number by a Logic/Rule/Relation. Three are a similar basis of same Rule/Relation/Logic. Select the odd one from given alternatives.

(A) (23, 23, 39)   (B) (31, 13, 10)

(C) (17, 48, 42)   (D) (43, 45, 147)

8. In the following question, select the odd letters from the given alternatives.

(A) BCD   (B) DEG   (C) JLC   (D) TOB

9. Mrs. Sushella celebrated her wedding anniversary on Tuesday, 30th September 1997. When will she celebrate her next wedding anniversary on the same day?

(A) 30 September 2003   (B) 30 September 2004

(C) 30 September 2002   (D) 30 October 2003

10. If 22 & 2 @ 11 = 121 and 27 & 9 @ 16 = 48, then 54 & 6 @ 25 = ?

(A) 108   (B) 225   (C) 152   (D) 184

11. Rahim travelled straight from point E to F at a distance of 5 km. From F he turned left and travelled 6 km and reached point G, there he took a left turn and travelled 5 km to reach point H. He took another left turn and travelled 2 km and reached point I. How far is he from the starting point?

(A) 3 km   (B) 4 km   (C) 5 km   (D) 7 km

12. Find the missing number.

3	4	5
4	5	3
4	3	?
48	60	105

(A) 2   (B) 6   (C) 7   (D) 9

13. In each of the following, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

7, 4, 5, 9, ?

(A) 22   (B) 13.5   (C) 10   (D) 20

14. If A represents '×', B represents '÷', C represents '+' and D represents '-'–', then find the value of

2 A 8 D 5 C 9 B 3 = ?

(A) 11   (B) 13   (C) 15   (D) 14

15. Pointing to a man in a photograph, a woman said, "His brother's father is the only son of my grandfather." How is the woman related to the man in the photograph?

(A) Daughter   (B) Mother   (C) Aunt   (D) Sister

16. Which of the following diagram correctly represents Vertebrates, Non-vertebrates and Living beings.
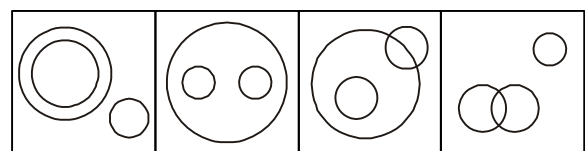
    (A)   (B)   (C)   (D)

17. In a row of 30 boys. R is 4th from the right end and W is 10th from the left end. How many boys are there between R and W?

(A) 15   (B) 16   (C) 17   (D) 14

18. Identify the figure that completes the pattern.
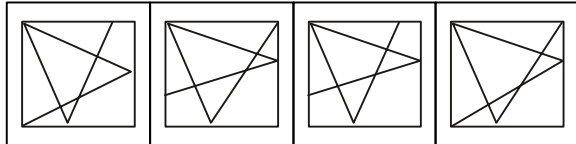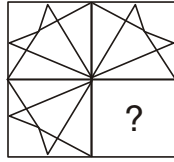
(A)   (B)   (C)   (D)

19. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternative.
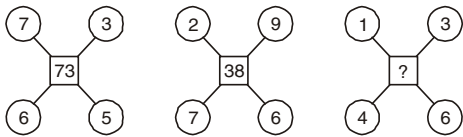
(A) 81   (B) 33   (C) 14   (D) 27

20. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?
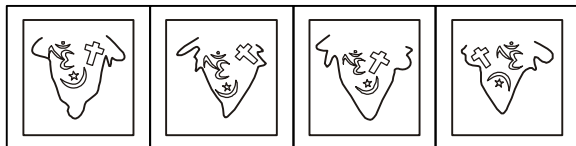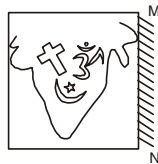
(A)   (B)   (C)   (D)

21. In questions among the four answer figures, which figure can be formed from the cut – pieces given below in the question figure?
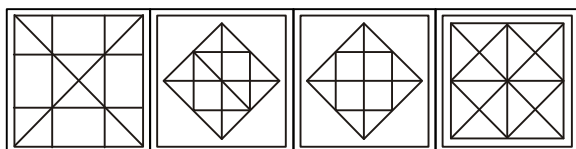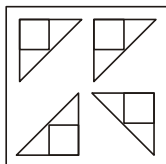
(A)   (B)   (C)   (D)

22. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.
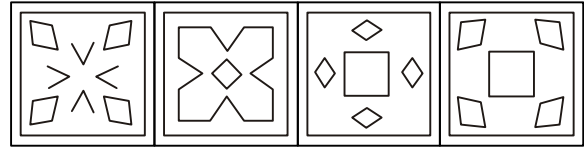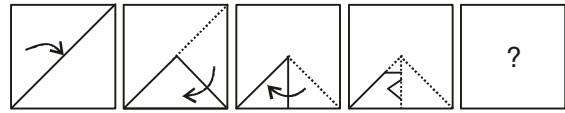
(A)   (B)   (C)   (D)

23. In the following question, select the one which is different from the other three responses.

(A) Shehnai   (B) Flute   (C) Trumpet   (D) Violin

24. How many triangles are there in the figure ABCDEF ?
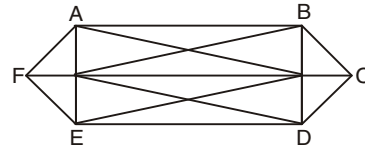
(A) 24   (B) 26   (C) 28   (D) 30

25. Study the following Venn-diagram carefully and answer the questions given below.
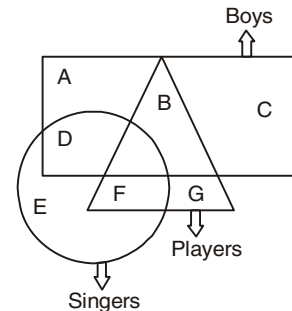
Which of the following represents boys who are player but not singer?

(A) A   (B) H   (C) B   (D) F

GENERAL KNOWLEDGE

26. What was the theme for Zero Discrimination Day 2019?

(A) Think & Act on Unity

(B) Act to change laws that Discriminate

(C) Make Some Noise for Zero Discrimination

(D) Open Up, Reach Out

27. Who is the first Indian to win the Pritzker Prize?

(A) Balakrishna Doshi   (B) Charles Correa

(C) Hafeez Contractor   (D) Anant Raje

28. Who has been honoured with the 'Jnanpith Award' 2018 for outstanding contribution towards literature?
    (A) Vikram Seth   (B) Anita Desai
    (C) Amitav Ghosh   (D) Aravind Adiga

29. The maritime exercise 'Indra Navy 2018' was held between India and _____.
    (A) USA   (B) Japan   (C) Russia   (D) China

30. Rufiyaa is the currency of which island nation?
    (A) Fiji   (B) Kiribati
    (C) Marshall Islands   (D) Maldives

31. What is difference of Revenue expenditure and Revenue receipts called as?
    (A) Revenue   (B) Total expenditure
    (C) Revenue Deficit   (D) Total revenue

32. Which of the following is not an ocean current?
    (A) Kuroshio   (B) Brazilian
    (C) Gulf-Stream   (D) Jet-Stream

33. How are 'Cations' formed?
    (A) Addition of electron   (B) Removal of electron
    (C) Addition of proton   (D) Removal of proton

34. The tax collected by Marathas was known as
    (A) Chauth   (B) Pilgrim Tax
    (C) Jazia   (D) Charai

35. The frictional force exerted by fluids is also called _____.
    (A) Drag   (B) Buoyancy
    (C) Up thrust   (D) Convection

36. World Economic Forum was founded in the year _____.
    (A) 1994   (B) 1979   (C) 1971   (D) 1980

37. Name the freedom fighter who died in Lahore jail after a 63-day hunger strike.
    (A) Jatindra Nath Das   (B) Ram Manohar Lohia
    (C) Bipin Chandra Pal   (D) Rash Bihari Bose

38. Loop of Henle is a part of which of the following organs
    (A) Brain   (B) Liver   (C) Kidney   (D) Heart

39. Which of the following phenomena makes endoscopy possible?
    (A) Interference   (B) Scattering of light
    (C) Total internal reflection (D) Diffraction

40. Which generation of computers use microprocessors as switching devices?
    (A) First   (B) Second   (C) Third   (D) Fourth

41. Which of the following pair of diseases is caused by bacteria?
    (A) Chlamydia and Tuberculosis
    (B) Anthrax and Ebola
    (C) Leishmaniasis and Meningitis
    (D) Rabies and Herpes

42. Bone marrow is not composed of
    (A) Adipose tissue   (B) Areolar tissue
    (C) Blood cells   (D) Fibroblasts

43. An anemometer measures which of the following
    (A) Speed of light   (B) Speed of wind
    (C) Speed of water current (D) Speed of satellites

44. Which of the following is an Inert Gas?
    (A) Hydrogen (B) Nitrogen (C) Oxygen   (D) Argon

45. Who is the author of book "The people's Maharaja"?
    (A) Ram kamal   (B) Shri Vijay Kumar
    (C) Khushwant singh   (D) None of the above

46. Raut Nacha is folk dance performed mainly by the tribal communities of which state?
    (A) Rajasthan   (B) Jammu & Kashmir
    (C) Assam   (D) Chhattisgarh

47. _____is an institutional mechanism to accommodate two sets of polities-one at the regional level and the other at the national level.
    (A) Feudalism   (B) Democracy
    (C) Federalism   (D) Aristocracy

48. What is the fundamental unit of amount of a substance?
    (A) Mole   (B) Candela (C) Kelvin   (D) Meter

49. Crystallisation is an example of?
    (A) Physical Change   (B) Chemical Change
    (C) Chemical Reaction   (D) Galvanisation

50. Tear gas used by the police to disperse the mob contains –
    (A) Carbon dioxide   (B) Chlorine
    (C) Ammonia   (D) Hydrogen sulphide

MATHEMATICS

51. DINO is a square. F and E are midpoints of DI and IN respectively. Find the ratio of shaded and unshaded area.
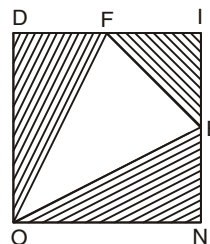
    (A) 3 : 5   (B) 1 : 5   (C) 5 : 3   (D) 5 : 2

52. Inside a square DIRK, ÄIER is an equilateral triangle. If RE and IK intersect at O, then ∠IOR is equal to
    (A) 60°   (B) 75°   (C) 90°   (D) 120°

Direction (53-56):- Study the following graph to answer the questions given below it.

Pie chart given below shows the expenditure incurred in bringing out a corrugated box by a manufacturer.\

- ■ Paper Rolls
- □ Glue
- ▨ Printing
- ▨ Miscellaneous Charges

45% / 15% / 25% / 15%
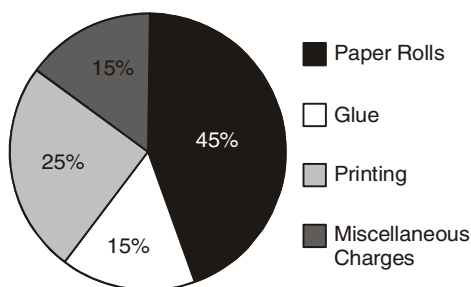
53. If the cost of Glue is Rs. 3000, then cost of paper rolls is?
(A) Rs. 10000 (B) Rs. 15000 (C) Rs. 9000 (D) Rs. 25000

54. What is the central angle of the sector for the cost of the paper rolls?
(A) 162° (B) 182° (C) 152° (D) 160°

55. If 2200 corrugated boxes are manufactured and printing charges on them amount to Rs. 4000 and the manufacturer earns a profit of 25%. Then selling price of each box is
(A) Rs. 8.5 (B) Rs. 9.09 (C) Rs. 7.22 (D) Rs. 4.32

56. The printing charges on the box is how much less than the cost of the paper Roll?
(A) 15% (B) 20% (C) 40% (D) 44.44%

57. If $a^2 + a + 1 = 0$, then the value of 9^6 is-
(A) 2 (B) 3 (C) 1 (D) 0

58. Sumit spends 80% of his income and saves the rest. His income is increased by 20% and thus he increases his expenditure by 15%. Then the increase in his savings in percentage is -
(A) 36 % (B) 40 % (C) $28\frac{4}{7}\%$ (D) 35 %

59. A shopkeeper only accepts packages in the form of a right circular cylinder. If sum of the height and the diameter of the base does not exceeds 20 cm. then the height (in cm) of a package of maximum volume that would be accepted will be?
(A) 10/3 (B) 20/3 (C) 20 (D) 30

60. A sum of Rs. 7,930 is divided into three parts and given on loan at 5% SI to A, B and C for 2 , 3 and 4 years respectively. If amount obtained from all three are equal after their respective periods of loan, then what amount was lent to B?
(A) 1320 (B) 3300 (C) 2640 (D) 3960

61. Four coins of the same size (radius 1 cm) are placed on a table such that each of them touches the other two. Then the area (in square cm) enclosed by the coins is?
(A) ð – 2 (B) 4 – ð (C) 6 – ð (D) 8 – ð

62. A man and a woman working together can do a certain work in 22 hrs. If their skills for doing the work are in the ratio 5 : 4. Then how many days will woman takes to finish the work?
(A) 44 hrs (B) 48 ½ hrs (C) 49 ½ hrs (D) 50 hrs

63. $x^3 + y^3 = 35$ and $x + y = 5$, then the value of $(1/x + 1/y)$ is
(A) 4/7 (B) 3/8 (C) 5/6 (D) 3/5

64. Find the greatest number of three digits which is divisible by 3, 7 and 5.
(A) 875 (B) 910 (C) 945 (D) 980

65. If the average weight of 7 boys of a group is 39 kg. If a boy of 40 kg weight gets out from the group and two boys of weight 36 and 35 kg join the group, then what is the increase/decrease in the average weight of boys?
(A) Decreases by 6 (B) Increases by 4
(C) Decreases by 1 (D) Increases by 3

66. A man bought a washing machine at 20% discount on its original price. He sold it at a profit of 45% on the price he bought it. Find the percent of profit that he made on the original price?
(A) 15% (B) 16% (C) 14% (D) 12%

67. A bus travels 2/5 of a total journey at its usual speed. The remaining distance was covered by bus at 6/7 of its usual speed. Due to slow speed it reaches its destination 50 minutes late. If the total distance is 200 kms, then what is the usual speed (in km/hr) of bus?
(A) 20.57 (B) 24 (C) 28 (D) 26.52

68. Fresh grapes contain 80 per cent water while dry grapes contain 10 per cent water. If the weight of dry grapes is 250 kg then what was its total weight when it was fresh?
(A) 1000 kg (B) 1125 kg (C) 1225 kg (D) 1100 kg

69. The area of a rhombus is 3675 square cm and one of its diagonals is one-sixth the other in length. Then length (in cm) of its larger diagonals is -
(A) 35 (B) 210 (C) 90 (D) 13

70. If á, â are roots of the equation (x - a) (x -b) = c, c ≠ 0, then the roots of the equation
(x – á) (x-â) + c = 0 are
(A) b, c (B) c, a
(C) a, b (D) (a + b) (b +c)

71. Mangoes are bought at rate of 16 for Rs. 5. Then at what rate per 200 must they be sold so as to gain 20% on his CP?
(A) 80 Rs. (B) 62.5 Rs. (C) 75 Rs. (D) 100 Rs.

72. If secα + tanα = 2 then the value of siná is - (assume that 00 < á < 90°)
(A) 2/5 (B) 1/2 (C) 3/5 (D) 4/5

73. Find value of $\sec^2\theta - \dfrac{\sin^2\theta - 2\sin^4\theta}{2\cos^4\theta - \cos^2\theta}$ is -
(A) 1 (B) 2 (C) –1 (D) 0

74. Two cross roads, each of width 10 m cut at right angles through the centre of a rectangular park of length 700 m and breadth 300 m and parallel to its sides respectively. Then find the area of the roads & also find the area of the park excluding cross roads. (Give the answer in hectares).
(A) 99 Hectare, 2001 Hectare
(B) 99 Hectare, 210 Hectare
(C) 0.99 Hectare, 20.01 Hectare
(D) 9.9 Hectare, 200.1 Hectare

75. If n = $1 - \sqrt{2}$, find the value of $n^3 - \dfrac{1}{n^3}$
(A) 14   (B) 2   (C) 8   (D) –2

ENGLISH LANGUAGE

DIRECTION (76-77):- In the given questions, fill in the blanks with the appropriate words from the alternatives provided.

76. A soldier at the border needs to be_____ at all times.
(A) Aloof   (B) Anxious   (C) Vigilant   (D) Vibrant

77. The students _____ all the drawings by the time we reach the class.
(A) can complete   (B) had completed
(C) will have completed   (D) can have completed

DIRECTION (78-79):- The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

78. A: India thus is truly a country of cricket.
B: The British introduced cricket in India.
C: We have had legendary players like Sachin, Rahul, and Sourav.
D: But it seems that we took the lead and dominated them in their game itself.
(A) ACBD   (B) CABD   (C) BDAC   (D) BDCA

79. A: We had an awesome time at the event.
B: Last Saturday my friends and I went out for a trip to Shimla.
C: There was a live rock concert going on in the festival.
D: We were supposed to attend the annual Himalayan festival happening there.
(A) DBCA   (B) BDCA   (C) BCDA   (D) BACD

80. In the following question, four words are given out of which one word is incorrectly spelled. Find the incorrectly spelled word.
(A) Adamant   (B) Amemdment
(C) Adjacent   (D) Astonishment

81. In the following question, out of the four alternatives, select the alternative which if the best substitute of the phrase.
A very great number or amount of something.
(A) oodles   (B) clique   (C) Coterie   (D) concordat

82. A feeling that something bad will happen; fearful apprehension.
(A) tranquil   (B) foreboding   (C) halcyon   (D) placid

83. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.
Mare's nest
(A) House of female donkey
(B) Housewife
(C) A controlled situation
(D) A false invention

84. In the following question, a sentence has been given in Active/Passive voice. Out of four alternatives suggested, select the one, which best expresses the same sentence in Passive/Active voice.
Some activist raises voice in Telngana.
(A) Voice is raised by some activist in Telngana
(B) Voice was raised by some activist in Telngana
(C) Voice is being raised by some activist in Telngana
(D) Voice has been raised by some activist in Telngana

85. In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one, which best express the same sentence in Indirect/Direct speech.
The student said to the teacher, 'Can I go?'
(A) The student asked the teacher if he could go
(B) The student asked the teacher whether he can go
(C) The student asked the teacher whether he can be going
(D) The student asked the teacher whether he could go

DIRECTION (86-90):- In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
Humans began as hunters or gatherers, we were basically _____ who moved around mainly to find food but the fact that evolution gave us the 'gift' of consciousness was primarily the reason we progressed. In the world governed by _____ change, it's highly necessary that we change too and add to our experiences. Major scientific breakthroughs and knowledge came only after _____ and experimentation. Our knowledge only expands once we open our minds to new experiences and to take the road _____ traveled by. With nature unleashing a new secret every moment, there is a novelty in every _____ of life.

86. We were basically _____ who moved around mainly to find food but the fact that evolution gave us the 'gift' of consciousness was primarily the reason we progressed.
(A) losers   (B) players   (C) weak   (D) nomads

87. In the world governed by _____ change, it's highly necessary that we change too and add to our experiences.
(A) tremendous   (B) constant
(C) slow   (D) fragmentive

88. Major scientific breakthroughs and knowledge came only after _____ and experimentation.
(A) Obsession   (B) Obliteration
(C) Observation   (D) Obstination

89. Our knowledge only expands once we open our minds to new experiences and to take the road _____ traveled by.

(A) often   (B) randomly (C) most   (D) less

90. With nature unleashing a new secret every moment, there is a novelty in every _____ of life.

(A) fight   (B) dimension (C) form   (D) obstacle

91. Select the antonym of - **Vivid**

(A) Distinct   (B) Animated (C) Dramatic (D) Dreary

92. Select the antonym of - **Bereft**

(A) Devoid   (B) Desolate (C) Bleak   (D) Full

93. Select the synonym of - **Paraphernalia**

(A) Amelioration   (B) Changes

(C) Importance   (D) Apparatus

94. Select the synonym of - **Prop**

(A) Hindrance   (B) Drawback

(C) Mainstay   (D) Glitch

DIRECTION (95-97):- In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

95. The soluble salts are, when in the (A) / hydrated condition, also red, but in (B) / the anhydrous condition are blue. (C) / No error (D)

(A) A   (B) B   (C) C   (D) No Error

96. As regularities is a prime condition facilitating (A) / activity, regularity in his household (B) / was carried to the highest point of exactitude. (C) / No error (D)

(A) A   (B) B   (C) C   (D) No Error

97. Hardly had we reached (A) / the summit that (B) / the blizzard struck in (C) / No error (D).

(A) A   (B) B   (C) C   (D) No Error

DIRECTION (98-99):- Improve the bracketed part of the sentence with the parts given below.

98. **(I did)** this job for the past five years and I still love it.

(A) had done   (B) have to do

(C) have been doing   (D) have had done

99. Rohan **(has visited)** South Africa last month.

(A) has been visiting   (B) had been visiting

(C) visited   (D) has to visit

100. In the following question, out of the four alternatives, select the alternative which is the best substitute for the phrase.

Something that is strikingly bold and brilliant.

(A) Shocking   (B) Flamboyant

(C) Sparkling   (D) Insane

ANSWER KEY

1. (A)	2. (C)	3. (D)	4. (B)	5. (A)	6. (C)	7. (C)	8. (D)	9. (A)	10. (B)
11. (B)	12. (C)	13. (D)	14. (D)	15. (D)	16. (B)	17. (B)	18. (D)	19. (D)	20. (C)
21. (C)	22. (C)	23. (D)	24. (C)	25. (C)	26. (B)	27. (A)	28. (C)	29. (C)	30. (D)
31. (C)	32. (D)	33. (B)	34. (A)	35. (A)	36. (C)	37. (A)	38. (C)	39. (C)	40. (D)
41. (A)	42. (D)	43. (B)	44. (D)	45. (C)	46. (D)	47. (C)	48. (A)	49. (A)	50. (B)
51. (C)	52. (B)	53. (C)	54. (A)	55. (B)	56. (D)	57. (C)	58. (B)	59. (B)	60. (C)
61. (B)	62. (C)	63. (C)	64. (C)	65. (C)	66. (B)	67. (B)	68. (B)	69. (B)	70. (C)
71. (C)	72. (C)	73. (A)	74. (C)	75. (A)	76. (C)	77. (C)	78. (D)	79. (B)	80. (B)
81. (A)	82. (B)	83. (D)	84. (A)	85. (D)	86. (D)	87. (B)	88. (C)	89. (D)	90. (B)
91. (D)	92. (D)	93. (D)	94. (C)	95. (D)	96. (A)	97. (B)	98. (C)	99. (C)	100. (B)

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PSPCL PAPER

(*Practice Test Paper*)

REASONING ABILITY

1. What should come in place of question mark (?) in the given expression to make T > P and S ≤ T definitely true?

R > T ? S ? P > Q

(A) >, <   (B) >, >   (C) , >   (D) , >

(E) ,

2. Which of the following expressions will be true if the expression A > B D C > R is definitely true?

(A) A > D   (B) B C   (C) C D   (D) D < B

(E) D R

3. Which of the following expressions is false if the given expression is true?

P > R > S L Q

(A) R > L   (B) P > L   (C) S > P   (D) S L

(E) None of these

4. Which of the following symbols should be placed in the blank spaces respectively in order to complete the given expression in such a manner that makes the expression N R, S < R and Q > S definitely true?

N _ R _ S < P _ Q

(A) , , >   (B) , , >   (C) , >, <   (D) , , >

(E) None of these

5. Which of the following symbols should be placed in the blank spaces respectively in order to complete the given expression in such a manner that makes the expression R S and T > N definitely true?

T > P _ N < R _ S

(A) >,   (B) <, >   (C) >,   (D) <,

(E) None of these

6. A man travels 2 km to the north and turns east and travels 10 km and again he turns north and travels 3 km and again turns to east and travels 2 km. How far is he from the starting point?

(A) 10 km   (B) 13 km   (C) 15 km   (D) 17 km

(E) None of these

Directions (Q. 7-9): Study the following information to answer these questions.

P, Q, R, S, T, U, V, W and X are nine persons sitting around a circle facing the centre. S is fourth to the right of P and second to the left of V. R is second to the right of V and third to the left of X. U is fourth to the right of W. Q is not an immediate neighbour of P or V.

7. Who is fourth to the right of Q?

(A) W   (B) V   (C) S   (D) T

(E) None of these

8. Who is third to the left of P?

(A) T   (B) V   (C) S   (D) U

(E) None of these

9. In which of the following combinations is the first person sitting between the second and the third persons?

(A) UTS   (B) RTV   (C) PWX   (D) WXQ

(E) VTU

10. How many such pairs of letters are there in the word **ISOLATIONISM** which have the same number of letters between them as in English alphabet?

(A) Four   (B) Five   (C) Six   (D) Three

(E) None of these

11. If the letters of the word **'SUITABLE'**, which are at odd numbered positions in the English alphabet, are picked up and rearranged in alphabetical order from left and if they are now substituted by Z, Y, X and so on, beginning from left, which letter will get substituted by W?

(A) A   (B) E   (C) I   (D) U

(E) None of these

12. Pointing to a man, Sneha said,"he is the only son of the grandfather of my only daughter's father." How is Sneha related to the man?

(A) Daughter   (B) Daughter-in-law

(C) Sister-in-law   (D) Sister

(E) None of these

Directions (Q. 13-15): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer:

13. On which day in April is Gautam's birthday?

I. Gautam was born exactly 28 years after his mother was born.

II. His mother will be 55 years 4 months and 5 days on August 18 this year.

(A) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(B) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(C) if the data either in statement I alone or in statement II alone are sufficient to answer the question.

(D) if the data given in both the statements I and II together are not sufficient to answer the question; and

(E) if the data in both the statements I and II together are necessary to answer the question.

14. What is the code for 'is' in the code language?

I. In the code language, 'shi tu ke' means 'pen is blue'.

II. In the same code language, 'ke si re' means 'this is wonderful'.

(A) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(B) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(C) if the data either in statement I alone or in statement II alone are sufficient to answer the question.

(D) if the data given in both the statements I and II together are not sufficient to answer the question; and

(E) if the data in both the statements I and II together are necessary to answer the question.

15. Among A, B, C, D and E, who is in the middle while standing in a row?

I. C, who is third to the left of D, who is to the immediate right of A and second to the left of E.

II. C is second to the left of E, who is not at any of the ends and who is third to the right of A. D is at one of the ends.

(A) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(B) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(C) if the data either in statement I alone or in statement II alone are sufficient to answer the question.

(D) if the data given in both the statements I and II together are not sufficient to answer the question; and

(E) if the data in both the statements I and II together are necessary to answer the question.

Directions (Q. 16-18): In each question below are two/three statements followed by two conclusions numbered I and II. You have to take the two/three given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts. Give answer

16. **Statements:**

No toffee is coffee.

No sweet is toffee.

Conclusions:

I. No coffee is sweet.

II. All sweets are coffee.

(A) if only conclusion I follows.

(B) if only conclusion II follows.

(C) if either conclusion I or conclusion II follows.

(D) if neither conclusion I nor conclusion II follows.

(E) if both conclusion I and conclusion II follow.

17. **Statements:**

All medals are awards.

All rewards are medals.

Conclusions:

I. All rewards are awards.

II. All awards are medals.

(A) if only conclusion I follows.

(B) if only conclusion II follows.

(C) if either conclusion I or conclusion II follows.

(D) if neither conclusion I nor conclusion II follows.

(E) if both conclusion I and conclusion II follow.

18. **Statements:**

Some trees are plants.

All bushes are plants.

Conclusions:

I. At least some trees are bushes

II. Some trees are definitely not bushes.

(A) if only conclusion I follows.

(B) if only conclusion II follows.

(C) if either conclusion I or conclusion II follows.

(D) if neither conclusion I nor conclusion II follows.

(E) if both conclusion I and conclusion II follow.

19. A and B study in a class. In a test, A has secured more marks than B. B's rank is eleventh from the top among all the students in the class while rank of A is better than 24 students. Which of the following definitely true?

(A) A stood first in the test

(B) There is at least one student between A and B in the rank list

(C) The total number of students cannot exceed by 34.

(D) The minimum number of students is 28

(E) None of these

Directions (Q. 20-22): Study the following information to answer the given questions:

Four friends A,B,C,D were going to giving the different competitive exams viz; CAT,IBPS PO,CDS and CSAT (not neccesarily in the same order) , on the same day but in different cities viz; Dehradun, Delhi, Dispur, Dhanbad but not neccesarily in the same order, at different time which were 9am,12pm,10am and 11am(not necessarily in the same order).

* D's exam was just after the exam of CAT, which was just after the exam which was given in Dehradun.

* CSAT exam was given at least two hours later than B's exam.

* CDS exam was given just after the exam which was given in Dhanbad, who had an exam just after A.

*The definite information which was given about three people among four one was C and the one who has given the exam in Delhi and the one who has given the exam at 11am.

20. IBPS PO exam was given by whom among the following?
(A) C   (B) D   (C) B   (D) A
(E) None of these

21. Which exam was given at 12 p.m.?
(A) CDS   (B) Ibps PO   (C) CSAT   (D) CAT
(E) None of these

22. Who among the following friend has given the exam at last?
(A) C   (B) D   (C) B   (D) A

23. Which of the following will come in place of question mark (?) in the following series based on the English alphabetical order?
YS RM LH ? CA
(A) DG   (B) FD   (C) GD   (D) DF
(E) GC

24. I. B5D means B is the father of D.
II. B9D means B is the sister of D.
III. B4D means B is the brother of D.
IV. B3D means B is the wife of D.
Which of the following means F is the mother of K?
(A) F3M5K   (B) F5M3K
(C) F9M4N3K   (D) F3M5N3K
(E) None of these

25. In a class test, Rupesh is 6th from the top and Harish is 13th from the bottom. Manish is 9 ranks below Rupesh and 18 ranks above Harish. How many students are there in the class?
(A) 45   (B) 43
(C) 46   (D) Data inadequate
(E) None of these

QUANTITATIVE APTITUDE

26. Mr Amar spends 50% of his monthly income on household items and out of the remaining he spends 25% on travelling, 30% on entertainment, 15% on shopping and remaining amount of Rs. 900 is saved. What is Mr Amar's monthly income?
(A) Rs. 6,000   (B) Rs. 12,000
(C) Rs. 9,000   (D) cannot be determined

27. In a college election fought between two candidates, one candidate got 55% of the total valid votes. 15% of the votes were invalid. If the total votes were 15,200, what is the number of valid votes the other candidate got?
(A) 7106   (B) 6840
(C) 8360   (D) 5814

28. Bhuvnesh sells two tape recorders at the same price. On one, he gains 10% and on the other he loses 10%. The total gain or loss in the transaction is
(A) 1% gain   (B) 1% loss
(C) No loss or gain   (D) 2% loss

29. What sum of money must be given at simple interest for six months at 4% per annum in order to earn Rs. 150 interest?
(A) Rs. 5000   (B) Rs. 7500
(C) Rs. 10000   (D) Rs. 15000

30. At what percent per annum will Rs. 3000 amounts to Rs. 3993 in 3 years if the interest is compounded annually?
(A) 9%   (B) 10%
(C) 11%   (D) 13%

31. An article is listed at Rs. 900 and two successive discounts of 8% and 8% are given on it. How much would the seller gain or lose, if he gives a single discount of 16%, instead of two discounts?
(A) Gain, Rs. 4.76   (B) Loss, Rs. 5.76
(C) Gain, Rs. 5.76   (D) Loss, Rs. 4.76

32. The average weight of 10 people increases by 1.5 kg. if a man whose weight is 65 kgs is replaced by another man. What is the weight of the new man?
(A) 80 kgs   (B) 73 kgs
(C) 75 kgs   (D) 74 kgs

33. The average monthly expenditure of a family is Rs. 2,200 during first three months. Rs. 2,550 during next four months and Rs. 3,120 during last five months of the years. If the total savings during the year was Rs. 1,260, what is the average monthly income?
(A) Rs. 1,260   (B) Rs. 1,280
(C) Rs. 2,805   (D) Rs. 2,850

34. 10 years ago, the ratio of age of A and B was 3 : 2 and after 10 years, their ages ratio will become 5 : 4. Find the sum of their present age.

(A) 100　　　(B) 70　　　(C) 140　　　(D) 160

35. A man's age is 125% of what it was 10 years ago, but % of what it will be after ten 10 years. What is his present age?

(A) 70　　　(B) 60　　　(C) 50　　　(D) 40

36. A and B can together finish a work in 30 days. They worked for it for 20 days and then B left. The remaining work was done by A alone in 20 more days. A alone can finish the work in:

(A) 54 days　(B) 60 days　(C) 48 days　(D) 50 days

37. Three persons undertake to complete a piece of work for Rs. 1,200. The first person can complete the work in 8 days, the second person in 12 days and third person in 16 days. They complete the work with the help of a fourth person in 3 days. What does the fourth person get?

(A) Rs. 180　(B) Rs. 200　(C) Rs. 225　(D) Rs. 250

38. Two pipes A and B can fill a tank in 15 hours and 20 hours respectively while a third pipe C can empty the full tank in 25 hours. All the three pipes are opened in the beginning. After 10 hours C is closed. Find, in how much time will the tank be full?

(A) 12 hrs　(B) 8 hrs　(C) 10 hrs　(D) 14 hrs

39. A train, with a uniform speed, crosses a platform, 162 metres long, in 18 seconds and another platform, 120 metres long, in 15 seconds. The speed of the train is

(A) 14 km/hr　　　　(B) 42 km/hr

(C) 50.4 km/hr　　　(D) 67.2 km/hr

40. Two trains A and B start from Howrah and Patna towards Patna and Howrah respectively at the same time. After passing each other they take 4 h, 48 min and 3 h, 20 min to reach Patna and Howrah respectively. If the train from Howrah is moving at 45 km/h, then the speed of the other train is -

(A) 60 km/h　(B) 45 km/h　(C) 35 km/h　(D) 54 km/h

41. A and B started a boutique investing amounts of Rs. 35,000 and Rs. 56,000 respectively. If A's share in the profit earned by them need is Rs. 45,000, then what is the total profit earned?

(A) Rs. 81,000　　　(B) Rs. 1,27,000

(C) Rs. 72,000　　　(D) Rs. 1,17,000

42. In a zoo, there are rabbits and pigeons. If the heads are counted, there are 200 and if legs are counted, there are 580. How many pigeons are there?

(A) 105　　　(B) 110　　　(C) 115　　　(D) 120

43. The salaries of A, B and C are in the ratio 1 : 3 : 4. If the salaries are increased by 5%, 20%, and 25% respectively, then the increased salaries will be in the ratio

(A) 20 : 66 : 95　　　(B) 21 : 66 : 95

(C) 21 : 72 : 100　　　(D) 19 : 66 : 92

44. The students in three classes are in the ratio 2 : 3 : 5. If 20 students are increased in each class, the ratio changes to 4 : 5 : 7. Originally the total number of students was

(A) 50　　　(B) 90　　　(C) 100　　　(D) 150

45. A boat takes half time in moving a certain distance downstream than upstream. The ratio of the speed of the boat in still water and that of the current is

(A) 2 : 1　　(B) 4 : 3　　(C) 1 : 2　　(D) 3 : 1

46. The curved surface area and the total surface area of a cylinder are in the ratio 1 : 2. If the total surface area of the right cylinder is 616 , then its volume is

(A) 1632　(B) 1078　(C) 1232　(D) 1848

47. How many zeroes will be there at the end of $1007 \times 1003 \times 1001 \times 999 \times \ldots \ldots \times 123$?

(A) 234　　　　　　(B) 217

(C) 0　　　　　　　(D) None of these

48. LCM of two natural numbers is 590 and their HCF is 59. How many sets of values are possible?

(A) 1　　　(B) 2　　　(C) 5　　　(D) 10

49. Four bells toll at intervals of 14, 21 and 42 minutes respectively. If they toll together at 11:22 am, when will they toll together for the first time after that?

(A) 11:56 am　　　(B) 12:04 pm

(C) 12:06 pm　　　(D) 11:48 am

50. A 4-digit number is formed by repeating a 2-digit number such as 3535, 6262, etc. Any number of this form is always exactly divisible by:

(A) 7　　　　　　　(B) 11

(C) 13

(D) Smallest 3- digit prime number

ENGLISH LANGUAGE

Directions (Q. 51-53): Read each sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (E). (Ignore the errors of punctuation, if any.)

51. (A) If we are indeed a democracy /(B) politicians would do well /(C) to remember that tolerance and free speech / (D) is the hallmark of democracy. /(E) No error

(A) A　　　(B) B　　　(C) C　　　(D) D

(E) E

52. (A) These efforts will help bring /(B) the people of the two countries /(C) closer together paving the way /(D) for greater people-to-people contact. /(E) No error

(A) A   (B) B   (C) C   (D) D

(E) E

53. (A) Not only commerce undergraduates /(B) though engineers and science graduates /(C) seem to be eager / (D) to flow with the management stream. /(E) No error

(A) A   (B) B   (C) C   (D) D

(E) E

Directions (Q. 54-56): Pick out the most effective word from the given words to fill in the blanks to make the sentence meaningfully complete.

54. Just as a highway automobile accident leaves lasting marks of spilled coolant, _____ and oil, the smashing together of gigantic land masses releases and redirects fluids that flow, heat, _____ and deposit, leaving an enduring record of their presence.

(A) petrol, disappear   (B) fuel, evaporate

(C) paint, mark   (D) anti-freeze, drip

(E) gases, electric

55. Although publicity has been _____ the film itself is intelligent, well-acted, handsomely produced and altogether _____.

(A) tasteless, respectable   (B) extensive, moderate

(C) sophisticated, amateur   (D) perfect, spectacular

(E) useless, entraneous

56. Britain, for the present, is deeply _____ economic troubles, and the economic future, heavily _____, looks uncertain.

(A) Engrossed, responsive   (B) Ingrained, skeptical

(C) Saturated, enveloped   (D) Mired, mortgaged

(E) Restrained, participative

Directions (Q. 57-61): Rearrange the following seven sentences (A), (B), (C), (D) ,(E), (F) and (G) in the proper sequence to form a meaningful paragraph and then answer the questions given below.

A. But despite the funding crunch, it's a bull market for academic economists.

B. In 2009, Washington State University announced it would eliminate the department of theatre and dance, the department of community and rural sociology, and the German major – the same year that the University of Louisiana at Lafayette ended its philosophy major

C. In 2012, Emory University in Atlanta did away with the visual arts department and its journalism programme.

D. According to a 2015 sociological study, the median salary of economics teachers in 2012 increased to $103,000 – nearly $30,000 more than sociologists.

E. The cutbacks aren't restricted to the humanities: in 2011, the state of Texas announced it would eliminate nearly half of its public undergraduate physics programmes.

F. Since the 2008 financial crisis, colleges and universities have faced increased pressure to identify essential disciplines, and cut the rest.

G. Even when there's no downsizing, faculty salaries have been frozen and departmental budgets have shrunk.

57. Which of the following would be the THIRD sentence after rearrangement?

(A) A   (B) B   (C) C   (D) D

(E) E

58. Which of the following would be the FIRST sentence after rearrangement?

(A) D   (B) F   (C) A   (D) G

(E) E

59. Which of the following would be the FOURTH sentence after rearrangement?

(A) C   (B) D   (C) F   (D) E

(E) G

60. Which of the following would be the SIXTH sentence after rearrangement?

(A) E   (B) G   (C) A   (D) C

(E) B

61. Which of the following would be the LAST (SEVENTH) sentence after rearrangement?

(A) F   (B) A   (C) B   (D) D

(E) C

Directions (Q. 62-66): Read the following passage carefully and answer the questions given below it. Certain words are given in bold to help you locate them while answering some of the questions.

The government has no business to be in the business of owning airports, running hotels, making bread — and owning banks. When the government stepped into these sectors in the first flush of Independence, it was with a view to creating basic capacities. With the passage of time, it became clear that **overwhelming** government presence was doing no good to anyone. Today, the benefits of the government stepping back in sectors like telecom and aviation are evident. Till as recently as the early 90s, a landline was a status symbol because it was **accessible** to just 2 per cent of the population. Today, the mobile phone is a **ubiquitous** feature of rural and urban India. Indian Airlines and Air-India had reduced air travel to a

privilege; with competition, rates have fallen to a third of levels that obtained a decade ago, despite little change in input costs. The time is **ripe** for the government to ease itself out of banking as well. The recent strike by State Bank of India employees will result in higher pension outgo in the entire banking sector. This will further **consolidate** the organised labour aristocracy and its tendency to act as a law unto itself. Bank nationalization was seen as a necessity in 1969, in order to direct credit to Green Revolution areas. Today, that system has outlived its utility, as agriculture is a transformed occupation with new risks and opportunities. Green Revolution is in the grip of diminishing returns, and prosperous farmers of yesteryears are fast moving out of agriculture. Small farmers all over the country are in distress, as rural banks lend to moneylenders instead of dealing directly with them. New forms of production based on contract farming do not really need the sarkari banking network. Private players have made lending more competitive and customer-friendly. A small-scale entrepreneur need not suffer for lack of working capital, nor does he have to bow and scrape before a bank manager. Credit is **readily** available to business, in varying packages to suit different needs. It is not hard to visualise a replication of this situation in rural areas. With a number of players in rural credit, entrepreneurs who come forward with proposals for food processing and cold storage would benefit. Farmers seeking to add value to their produce will encounter fewer hindrances in a competitive situation. A spirit of enterprise in rural banking can transform rural India. Gramin banking, or microcredit, has worked wonders in Bangladesh. Given the chance, it could do the same here.

62. That the mobile phone is a ubiquitous feature of rural and urban India today shows that

(A) people have no interest in landline phone these days.

(B) telephone is easily available everywhere now.

(C) technology can invade all the barriers.

(D) telephone has become affordable for all now.

(E) mobile phone has taken the place of landline phone everywhere.

63. Which of the following seems to be false in the context of the passage?

(A) Agriculture sector has witnessed much change over the years.

(B) Green Revolution has lost its charm with the farmers.

(C) The government is facing competition in telecom, aviation, banking etc.

(D) Agriculture is no more a lucrative area for the wealthy farmers now.

(E) None of these

64. Which of the following is 'true' in the context of the passage?

(A) Getting loans from private banks is easier than the nationalised banks.

(B) Credit through banks is readily available for even small farmers these days.

(C) Landline phone is considered a status symbol.

(D) Gramin Banking has failed in India.

(E) None of these

65. Choose the word which is the same in meaning as the word given in bold as used in the passage - OVERWHELMING

(A) large   (B) majority   (C) feasible   (D) vigilant

(E) viable

Directions (Q. 66-70): In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

And of what kind are the men that will strive for this profitable ___ (66) ___ through all the bustle of ____ (6**7**) ____, the heat of contention, the infinite mutual abuse of parties, tearing to pieces the best of characters? It will not be the wise and moderate, the lovers of peace and good order, the men fittest for the trust. It will be the bold and the violent, the men of strong passions and _____ (68) ____ activity in their selfish pursuits. These will thrust themselves into your government and be your rulers. And these, too, will be mistaken in the expected happiness of their situation, for their _____(69)___ competitors, of the same spirit, and from the same motives, will perpetually be ____(70)____ to distress their administration, thwart their measures, and render them odious to the people.

66. (A) importance   (B)preeminence

(C)impotence   (D) dominance

(E) insignificance

67. (A) bunch   (B) sinister

(C) cabal   (D) extol

(E) virulent

68. (A) indefatigable   (B) bolster

(C) lethargic   (D) embolden

(E) divulgate

69. (A) disprove   (B) controvert

(C)diffident   (D) vanquished

(E) surrender

70. (A) procrastinating   (B) expatiating

(C) attempting   (D) contemplating

(E) endeavoring

COMPUTER AWARENESS

71. Operating system is a(n) _____.
(A) Application software   (B) System software
(C) Programmable software (D) All of these
(E) None of these

72. Which of the following is an example of application software?
(A) Microsoft Windows   (B) Linux
(C) Mac OSX   (D) MS Word 2007
(E) None of these

73. Mozilla Firefox is a :
(A) Spreadsheet   (B) Word processing software
(C) Web browser   (D) Programming Language
(E) None of these

74. _____ is usually recorded and played, displayed, or accessed by information content processing devices, which as computerized and electronic devices, but can also be part of live performance.
(A) Virus   (B) BIOS software
(C) Multimedia   (D) C++
(E) Java

75. Which of the following appropriately relates with starting up an operating system?
(A) Starting   (B) Entering
(C) Formatting   (D) Booting
(E) None of these

76. Who developed the basic architecture of Computers?
(A) Charles Babbage   (B) Blaise Pascal
(C) Steve Newton   (D) John Von Neumann
(E) Henery Johns

77. Copying a process from memory to disk to allow space for other processes is called _____.
(A) Swapping   (B) Deadlock
(C) Demand Paging   (D) Page Fault
(E) Cloud Computing

78. Which among the following term is used for: Unauthorized copying of software to be used for personal gain instead of personal backups?
(A) Program thievery   (B) Data snatching
(C) Software piracy   (D) Program looting
(E) Data looting

79. What is 'Trend Micro'?
(A) virus program   (B) anti-virus software
(C) just a program   (D) All of these
(E) None of the above

80. Table of contents can be prepared in Word2010 by using:
(A) macros   (B) by mailings
(C) by table of contents in references menu
(D) (B) and (C)
(E) By File menu

GENERAL AWARENESS

81. Which of the following is not a tributary of the Ganga river system?
(A) Ramganga   (B) Musi
(C) Gandak   (D) Ghaghara

82. Khyber Pass connects which of the following countries?
(A) Afghanistan and Turkmenistan
(B) Pakistan and Afghanistan
(C) India and Pakistan
(D) Pakistan and China

83. A No-confidence motion to be admitted in Lok Sabha needs the support of minimum
(A) 80 members   (B) 160 members
(C) 140 members   (D) 50 members

84. Which of the following ruler was responsible for bringing Mansabdari system?
(A) Aurangzeb   (B) Humayun
(C) Jahangir   (D) None of the above

85. Who invented World Wide Web?
(A) Bill Gates   (B) Steve Jobs
(C) Larry Ellison   (D) Tim Berners Lee

86. Which country has the largest number of Punjabi speaking people?
(A) Canada   (B) India
(C) Pakistan   (D) England

87. When was S. Parkash Singh Badal became chief minister of Punjab for the first time?
(A) 1970   (B) 1977   (C) 1989   (D) 1999

88. Which of the following Pakistani citizen is awarded Bharat Ratna?
(A) Muhammad Ali Jinnah   (B) Khan Abdul Ghaffar Khan
(C) Liaquat Ali Khan   (D) Malala Yousafzai

89. Who was the first governor of Punjab?
(A) Sardar Ujjal Singh
(B) Sh. Om Prakash Verma
(C) Sh.Chandulal Madhavlal Trivedi
(D) Dr. Gopi Chand Bhargava

90. The 8th Global Entrepreneurship Summit 2017 (GES 2017) will be held in:
(A) Gurgaon   (B) New Delhi
(C) Hyderabad   (D) Chennai

91. 3rd India International Science Festival will be held in:
(A) Chennai   (B) Hyderabad
(C) New Delhi   (D) Jaipur

92. Exercise Clean Sea 2017has been recently conducted at Port Blair, Andaman & Nicobar Islands.

(A) The exercise is related to

(B) Counter-terrorism operation

(C) Sea Piracy

(D) Oil Spills

93. World Aids Day is celebrated every year on_____.

(A) 30th November   (B) 1st December

(C) 2nd December   (D) 7th December

94. The Cabinet Committee on Economic Affairs (CCEA) has approved Special Banking Arrangement for the payment of outstanding subsidy for:

(A) LPG   (B) Fertilizers

(C) Oil   (D) Natural Gas

95. The Global Clubfoot Conference was recently organized at:

(A) Paris   (B) Beijing

(C) London   (D) New Delhi

96. _____ has been appointed as UN Environment Goodwill Ambassador for Indi(A)

(A) ManushiChillar   (B) UrvashiRautela

(C) DiyaMirza   (D) SonamKapoor

97. The 7th edition of the 3 day longInternational Storytellers Festival _____ has been recently inaugurated in New Delhi.

(A) Kathakar   (B) Kalakar   (C) Alankar   (D) Chitrakar

98. The Union Cabinet has approved an agreement for custom related matters with which of the following countries?

(A) Russia   (B) Armenia   (C) Hungary   (D) Sri Lanka

99. 21st World Congress on Mental Health which was organized in:

(A) USA   (B) China   (C) India   (D) Russia

100. October 2 has been celebrated as the International Day of non-violence by which of the following State Governments?

(A) Haryana   (B) Rajasthan

(C) Madhya Pradesh   (D) Himachal Pradesh

ANSWER KEY

1. (D)	2. (C)	3. (C)	4. (C)	5. (C)	6. (B)	7. (D)	8. (B)	9. (E)	10. (B)
11. (E)	12. (B)	13. (E)	14. (E)	15. (C)	16. (D)	17. (A)	18. (C)	19. (C)	20. (C)
21. (A)	22. (A)	23. (C)	24. (A)	25. (A)	26. (A)	27. (D)	28. (B)	29. (B)	30. (B)
31. (B)	32. (A)	33. (C)	34. (B)	35. (C)	36. (B)	37. (C)	38. (A)	39. (C)	40. (D)
41. (D)	42. (B)	43. (C)	44. (C)	45. (D)	46. (B)	47. (C)	48. (B)	49. (B)	50. (D)
51. (D)	52. (D)	53. (B)	54. (B)	55. (A)	56. (C)	57. (C)	58. (B)	59. (D)	60. (C)
61. (D)	62. (D)	63. (E)	64. (D)	65. (A)	66. (B)	67. (C)	68. (A)	69. (C)	70. (E)
71. (B)	72. (D)	73. (C)	74. (C)	75. (D)	76. (D)	77. (A)	78. (C)	79. (B)	80. (C)
81. (B)	82. (B)	83. (D)	84. (D)	85. (D)	86. (C)	87. (A)	88. (B)	89. (C)	90. (C)
91. (A)	92. (D)	93. (B)	94. (B)	95. (D)	96. (C)	97. (A)	98. (B)	99. (C)	100. (A)

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