Phase II
Class XI
English Paper I

Maximum Marks - 70

1. Write a composition on any one of the following :- [18]

   A. Write a short story that ends with the words " ……….. I really doubt if things could have turned out any better".

   B. Sacrifice

   C. Imagine that you visited a remote village untouched by the influence of technology. Describe the village, the people, their routine and at least one person you met there. How did you feel at first? What were your feelings when you had to return?

   D. You were waiting at the ATM booth of the Focus Bank when a white car drew up and four men with masks rushed into the bank. Narrate how an attempted bank robbery was foiled by an alert security guard.

2. A. Write down the review of a book that you have recently read. Make use of the given points.[10]

   Name of the book — author — publisher — cover and illustration — plot — characters — some interesting incidents — message (if any) — appeal the book holds for you.

   B. As a member of the student council of your school you have been given the responsibility of setting up a science club. Write a proposal in about 150 words, stating the steps you would take to successfully establish the particular club. [7]

3. A. In each of the following items, sentence A is complete, but sentence B is not. Complete sentence B, making it as similar in meaning as possible to sentence A. Write down sentence B in each case.[5 X 1 = 5]

   1. A. Lalit said to me, "Where were you yesterday?"
      B. I was _____ .

   2. A. Somebody luckily switched off the power-mains.
      B. The power mains _____ .

   3. A. Julie had refused to answer my questions and that annoyed me.
      B. On _____ .

4. A. I like Jacob very much because he is enterprising and hardworking.
   B. Jacob _____ .

5. A. Although Anita failed in her examinations, she was not very upset.
   B. In Spite of _____.

B. Fill in each blank with a suitable word. [½ X 10 = 5]

1. Deepa's statement is no proof _____ accusation on her.
2. Dilip was set free as there was no proof _____ his guilt.
3. Shalini had a good cause _____ complaint as she was innocent.
4. Where do you intend to put _____ for the night ?
5. The boxer was knocked _____ in the fifth round.
6. Can you cure me _____ this ailment ?
7. Let's not argue _____ such a foolish manner.
8. Tina jumped _____ the conclusion that her friend has deceived her.
9. Where did you come _____ this word?
10. He was a fool to turn _____ such an attractive offer.

C. Fill in each blank with the appropriate form of the word given in brackets. [½ X 10 = 5]

1. I felt tired because I _____ (walk) about ten kms.
2. We shall not go there until he _____ (invite) us.
3. He _____ (work) in this office since October.
4. She _____ (warn) not to repeat this error.
5. Greatly _____ (relief) I fell on my bed and slept soundly.
6. I _____ (live) here for the last ten years.
7. You _____ (hear) this news already, so I need not repeat it.
8. She _____ (study) hard so that so that she may pass the examination.
9. If you _____ (catch) a plane, you would have reached on time.
10. He behaves as if he _____ (be) deaf.

D. Read the passage given below and answer the questions that follow :-

(1) I often went to the lagoon, which has a four-fathom bank where the tababa (tiger shark) muster in hundreds for a day or two every month. Offshore at rising tide, you can watch their great striped bodies sliding and swooping with **arrogant** ease not six feet under your keel. They range in length from nine to fourteen feet, with an occasional giant of eighteen feet. Their hideous size contrasts nightmarishly with the slack grace of their movements.
(2) Thirty-five years ago the Gilbertese were beginning to use steel hooks for shark-fishing but many still claimed that the old-style twelve-inch wooden hook, trained to the right shape on the living ironwood tree was the only thing for tiger sharks. The shark hunter's gaff was a **glorious club** with a ten-pound stone for its head. He fished from a canoe not much longer than a man, with the line made fast to it. When a big shark took the hook, the craft lurched suddenly and started careering round in mad circles; or it bounced insanely up and down; or it zigzagged like a misdirected rocket, the fisherman holding on grimly.

(3) Half a dozen cockleshells milling round like that, without **visible** means of propulsion, made a wildly eccentric sight from the shore. But the fury of a tiger shark's struggles soon exhausted it and it floated limply to the surface. Then the fisherman hauled the **spent** brute cautiously alongside and, letting out one piercing howl of pleasure, cracked it on the nose with his club.

(4) Usually safety first is the rule when tiger sharks are around, but the feat of one Tarawa man, Teriakai, became a matter of official record. His vital, stocky frame was the equal of a giant's for work. Whenever there was a special job to be done, we always chose Teriakai to do it. Thus when the captain and chief engineer of a visiting steamer wanted to go out for a sail in threatening weather, we sent Teriakai along to look after them.

(5) A northerly storm caught Teriakai and his friends and capsized their boat, spilling them into the lagoon eight miles from land, with tiger sharks all round.

(6) Teriakai immediately hacked the mainsail adrift; buoyed at head and foot by its spars, it made a fine bag under water. "Stay inside this," he said to the captain and engineer "and the tababa won't smell you". Then he put down the anchor and started for shore to get help. "If I get past the tababa" he said, "We shall perhaps be meeting again."

(7) He swam straight at the tiger sharks – the captain and engineer watched him – and the devils let him through. Teriakai told me afterwards, "If you stay still in the sea, or swim away in fear, the tababa will charge you. If you swim without fear towards them, they will be afraid and leave you in peace." So he chose his shark, swam lull speed towards it and lo! the line melted away before him. There was nothing to it – except a conarge that passes belief.

(8) The swift night of the equator fell. In the welter of waves, Teriakai missed his direction and swam into a maze of reefs off the coast. The breaking seas flung him on cruel edges, rolled him over splintering coral-branches, but he got through, still conscious, swam a mile to shore, walked two more to a white trader's house and collapsed on the veranda.

A. Use each of the following words as used in the passage in a sentence of your own construction so as to bring out its meaning very clearly. Using the word in a context very similar to the passage will be penalized.   [3]

     (1) arrogant
     (2) glorious
     (3) visible

B. For each of the words given below, write a sentence of at least 10 words using the word unchanged in form, but with a different meaning from that it carries in the passage :   [3]

     (1) club
     (2) fast
     (3) spent

C. Answer the following questions in your own words as briefly as possible :

(i) What does the writer say about the size and movement of the sharks? [2]
(ii) Why was Teriakai chosen for special jobs? [2]
(in) How did he ensure the safety of the captain and chief engineer? [2]
(iv) What was Teriakai's belief about sharks? [2]

D. With close reference to the extract and in not more than 100 words, describe how the Gilbertese captured a tiger shark. [6]

Krishnagar Academy

Half-Yearly Phase-II Examination (Session 2020-21)
CLASS XI
SUBJECT-English-II

FM 80

[POEM]

1. Whose voice is heard in the poem 'The gift of India'? What does it say about the brave sons of India who laid down their lives in World War I?   [10]

2. In what way does John Brown become a victim of so-called glorious war? Discuss with close reference to the text.   [10]

[PROSE]

1) Referring closely to the short story Quality, answer the following: 5+5=10
a) How do you understand that Gessler was passionate about his job?
b) Is the title 'Quality' appropriate? Why?

2)   10
a) Describe the character of Jayanto with reference to the short story 'Fritz'.

[DRAMA]

Question 1:

CHOOSE TWO OF THE PASSAGES FROM (a) TO (c) AND ANSWER BRIEFLY THE QUESTIONS

THAT FOLLOW.

(a)

    Prospero:

Ariel, thy charge

Exacatly is perform'd; but there's more work.

What is the time o'th' day?

Ariel:

Past the mid-season Prospero:

 At least two glasses. The time' twixt six and now Must by us both be spent most preciously.

 Ariel:

 Is there more toil? Since thou dost give me pains,

Let me remember thee what thou hast promised Which is not yet perform'd.

1. Where are Ariel and Prospero? What does Prospero mean by ' thy   (1)

   charge/ Exactly is perform'd'?

2. What had Ariel done to the King's ship?   (2)

3. What happened to the rest of the fleet?   (2)

4. What did Prospero promise Ariel previously? What does Prospero

  make him remember when Ariel mentions about the promise made by Prospero?   (2)

5. Why does Ariel think that he deserves what had been promised to him?   (2)

6. Give meanings of the following words-   (1)

   (i) preciously   (ii) demand

 (b)

Antonio: Then let us both be sudden.

Gonzalo : (Waking) Now, good angels Preserve the king Alonso: Why, how now, ho! Awake? Why are you drawn?

Wherefore this ghastly looking?

 Gonzalo: 'What's the matter?

1. Who is Antonio? Where are the speakers?   (1)
2. Tell briefly how did they reach at this place?   (2)
3. Explain: "Let us both be sudden".   (2)
4. Whom does Antonio instruct here and to do what?   (2)
5. What did Gonzalo hear? What was the source of the sound that Gonzalo heard?   (2)
6. Give meanings of the following words-   (1)
   (i) Preserve   (ii) Ghastly

(c)

ALONSO

 So is the dear'st o' th' loss.

GONZALO

 My lord Sebastian,

The truth you speak doth lack some gentleness, And time to speak it in- You rub the sore When you should bring the plaster.

SEBASTIAN

 Very well.

ANTONIO

 And most chirurgeonly!

1. Where does the scene take place? Amongst the speakers,who is Sebastian?   (1)

2. Other than the speakers in the extract, name the other characters that are present there? What loss did Alonso mention in the following extract?   (2)

3. Which truth spoken by Sebastian is mentioned here by Gonzalo? (2)

4. Explain: (2)
 "-You rub the sore

   When you should bring the plaster".

5. Why does Gonzalo think that Sebastian's way of delivering the truth has an
   inappropriate timing? (2)

6. Give meaning of the following words- (1)
   (i) Chirurgeonly   (ii) Sore

Question 2

 Narrate in your own words how Antonio took the chance of Prospero's ignorance to

 his dukedom and banish him. (10)

Question 3

Describe the first meeting amongst Caliban, Trinculo and Stephano. (10)

 Question 4

How does Mother India lament over the death of her martyred sons? (10)

Question 5

Tell briefly how does the outlook of John's mother regarding war change during the course of time (10).

Krishnagar Academy

Half-Yearly Phase-II Examination(Session 2020-21)

CLASS XI

SUBJECT-2nd Language Bengali

FM 80

SECTION — A

১। নিম্নলিখিত যেকোনো একটি বিষয়ের উপর প্রায় ৪০০ শব্দে একটি রচনা লেখ—   ১৫

ক) ছাত্র-ছাত্রীদের শিষ্টাচার ও সৌজন্যবোধের প্রয়োজনীয়তা।

খ) দেশভ্রমণ।

গ।) এমন একটি ঘটনা যা তোমার জীবনে পরিবর্তন এনেছে।

ঘ) ক্লান্তি দূর করার ভালো উপায় হলো গান শোনা।

২। নিম্নলিখিত রচনাটি ভালো করে পড়ে তার পরের প্রশ্নগুলির উত্তর লেখ —   ৫×৩=১৫

পল্লী গ্রামে শহরের মতো গায়ক বাদক নর্তক না থাকলেও তার অভাব নেই। চারিদিকে কোকিল, পাপিয়া,দোয়েল প্রভৃতি পাখির কলগান, নদীর কুল কুল ধ্বনি, পাতার মর্মর শব্দ, শ্যামল শস্যের ভঙ্গিমায় হেলাদোলা প্রচুর পরিমাণে শহরের অভাব পূর্ণ করে দিচ্ছে। পল্লীর ঘাটে-মাঠে, পল্লীর আলো-বাতাসে, পল্লীর প্রত্যেক পরতে পরতে সাহিত্য ছড়িয়ে আছে। কিন্তু বাতাসের মধ্যে বাস করে যেমন আমরা ভুলে যাই যে বায়ু-সাগরে আমরা ডুবে আছি,তেমনি পাড়াগাঁয়ে থেকে আমাদের মনেই হয় না যে এখানে কত বড় সাহিত্য ও সাহিত্যের উপকরণ ছড়িয়ে আছে।

আমরা পল্লীগ্রামে বুড়োবুড়ির মুখে কোন ঝিল্লিমুখর সন্ধ্যাকালে যেসব উপকথা শুনতে শুনতে ছেলেবেলায় ঘুমিয়ে পড়েছি, সেগুলো কত না মনোহর! কত না চমকপ্রদ! আরব্য উপন্যাসের আলাদিনের আশ্চর্য প্রদীপ বা আলিবাবা ও চল্লিশ দস্যু প্রভৃতির চেয়ে পল্লীর উপকথা গুলির মূল্য কম নয়। আধুনিক শিক্ষার কর্মনাশা স্রোতে সেগুলি বিস্মৃতির অতল গর্ভে তলিয়ে যাচ্ছে। এখনকার শিক্ষিতা জননী সন্তানকে আর রাক্ষসপুরীর ঘুমন্ত রাজকন্যার কথা বা পক্ষীরাজ ঘোড়ার কথা শোনান না; তাদের কাছে বলেন আরব্য উপন্যাসের গল্প কিংবা Lamb's Tales from Shakespeare -এর গল্পের অনুবাদ। ফলে কোন সুদূর অতীতের সাক্ষী স্বরূপ এই রূপকথা গুলি নষ্ট হয়ে অতীতের সঙ্গে আমাদের সম্বন্ধ লোপ করে দিচ্ছে। যদি আজ বাংলার সমস্ত রূপকথা গুলি সংগৃহীত হত, তবে কোন প্রত্নতাত্ত্বিক গবেষণা করে দেখিয়ে দিতে পারতেন যে বাংলার নিভৃত কোন কোন পিতামহী-মাতামহীর গল্প ভারতের অন্যপ্রান্তে কিংবা ভারতের বাইরে সিংহল সুমাত্রা, জাভা, কম্বোডিয়া প্রভৃতি স্থানে এমনিভাবে প্রচলিত আছে। হয়ত এশিয়ার বাইরে ইউরোপ খন্ডে লিথোয়ানিয়া কিংবা ওয়েলসের কোন পল্লী রমণী এখনো হুবহু বা কিছু রূপান্তরিত ভাবে সেই উপকথা গুলি তার ছেলেপুলে বা নাতি-নাতনিদের শোনাচ্ছে। কে আছে এই উপকথা গুলি সংগ্রহ করে তাদের অবশ্যম্ভাবী ধ্বংস থেকে রক্ষা করবে? ইউরোপ,আমেরিকা দেশে বড় বড় বিদ্বানদের সভা আছে, যাকে বলা হয় Folklore Society.তাঁদের কাজ হচ্ছে এইসব উপকথা সংগ্রহ করা এবং অন্য সভ্য বা অসভ্য দেশের উপকথার সঙ্গে তার সাদৃশ্য নিয়ে বিচার করা। আমাদের বাংলার সমস্ত উপকথাগুলিও তো ওইভাবে গবেষণার সামগ্রী হতে পারে।

প্রশ্ন—

ক) পল্লীগ্রামে কিসের অভাব কারা কিভাবে পূর্ণ করে দিচ্ছে?

খ) পল্লীগ্রামের বুড়োবুড়ির মুখে শোনা উপকথা গুলির সম্পর্কে লেখকের মনোভাব কিরূপ?

গ) এখনকার শিক্ষিতা জননীরা তাদের সন্তানদের কিসের পরিবর্তে কী শোনান এবং এর ফলে কি হচ্ছে?

ঘ) আজ বাংলার সমস্ত রূপকথাগুলি সংগৃহীত হলে কি দেখা যেত?

ঙ) এ প্রসঙ্গে লেখক আর কি বলেছেন?

৩। a) নিচের বাক্যাংশগুলির সাহায্যে বাক্য রচনা করো —   ৫×১=৫

হাড় জুড়ানো, হাতের পাঁচ, হাতে-কলমে, হাতটান, হাল ছেড়ে দেওয়া।

b) বানানগুলো শুদ্ধ করে লেখ —   ৫×১=৫

সারিরিক, আবীক্ষার, সর্বস্য, অবিভাবক, বিদ্যান।

SECTION - B

প্রতিটি বই থেকে একটি করে প্রশ্নের উত্তর অবশ্যই লিখবে। এ ছাড়া আরেকটি প্রশ্নের উত্তর যে কোন বই থেকে লিখবে। এইভাবে মোট চারটি প্রশ্নের উত্তর লিখবে।

প্রবন্ধ ও গদ্য সংকলন।

৪। 'নিবেদিতা নইলে নন্দলালদের যাওয়া হতো না অজন্তায়।'

 ক) নিবেদিতার সম্বন্ধে কি জানো?

খ) নন্দলাল কে?

গ) নন্দলালদের অজন্তায় যাওয়ার প্রয়োজন হয়েছিল কেন?

ঘ) এইজন্য নিবেদিতা যা করেছিলেন তা গুছিয়ে লেখ।   ২+১+২+৫=১০

৫। 'আর একবার দেখেছিলুম তাঁকে।'

– কার লেখা কোন প্রবন্ধের অংশ? কে কাকে দেখেছিলেন? কোথায় দেখেছিলেন? সেখানকার ঘটনার বর্ণনা দাও।   ১০

৬। 'আমাদের নজরে নজরে মিল ছিল।'

– আমাদের বলতে কাদের কথা বলা হয়েছে? 'নজরে নজরে মিল'   বলতে কী বোঝানো হয়েছে? এদের মধ্যে কার একবার কি ক্ষতি হয়েছিল? তিনি কার একটা ফটো কিভাবে পেয়েছিলেন?   ১০

কবিতা সংকলন।

৭। 'এক সুতো এক ছন্দ একই লাবণ্যের টানা-পোড়েন

চলেছে একই রূপনগরের হাতছানিতে। '

ক) কার লেখা কোন কবিতার অংশ?

খ) কবিতায় কোন পটভূমি উল্লিখিত হয়েছে?

গ) কবিতায় কোন কোন গাছপালা ও কোন কোন সুরসংগীত উল্লিখিত হয়েছে?

ঘ) 'লাবণ্যের টানাপোড়েন' ও 'রূপনগরের হাতছানি'

 কথাগুলির তাৎপর্য আলোচনা করো।

২+১+২+৫=১০

৮। 'আমার দেবতার থানে তুমি বটের ঝুরিতে সুতো বাঁধো

আমি তোমার পীরের দরগায় চেরাগ জ্বালি।'

– 'আমি' ও 'তুমি' বলতে কবি কাদের বুঝিয়েছেন? 'পীরের দরগা' বলতে কি বোঝ?কেন বটের ঝুরিতে সুতো বাঁধা হয় বা পীরের দরগায় চেরাগ জ্বালা হয়? কথাগুলির মধ্যে দিয়ে কবি কি বোঝাতে চেয়েছেন?

১০

৯। 'আমাদের শত্রুও সেই এক'

– আমাদের বলতে কবি কাদের বুঝিয়েছেন? এই শত্রু সম্বন্ধে কবি যা যা বলেছেন তা নিজের ভাষায় বুঝিয়ে লেখ।   ১০

কোনি

১০। 'আপনি আমার চেয়ে চার হাজার গুণ বড় লোক কিন্তু চার লক্ষ টাকা খরচ করেও আপনি নিজের শরীরটাকে চাকর বানাতে পারবেন না।'

ক) কে কাকে উদ্দেশ্য করে কথাটা বলেছিল?

খ) কোথায় বলেছিল?

গ) একথা বোঝাতে বক্তা প্রমাণস্বরূপ কি করেছিল?

ঘ) উপরের কথাগুলির মধ্যে দিয়ে বক্তা কি বোঝাতে চেয়েছিল?   ২+১+২+৫=১০

১১। 'চার বছরের মধ্যেই প্রজাপতির ডানা মেলে দিয়েছে।'

– প্রজাপতি কি? তার আগে কি নাম ছিল?প্রজাপতি কার তত্ত্বাবধানে কিভাবে ডানা মেলেছে তা আলোচনা করো?   ১০

১২। 'আজ থেকে আমি আর এ ক্লাবের ট্রেনার নই।'

– বক্তা কে? বক্তা কাদের একথা বলেছে? বক্তার এ ধরনের কথা বলার যে কারণ ঘটেছিল তা নিজের ভাষায় গুছিয়ে লেখ।   ১০

Krishnagar Academy

FM 80

Answer questions 1,2 & 3 in Section A and four other questions from Section B on at least three of the prescribed textbooks.

Section- A

Marks - 40

Q 1. निम्नलिखित विषयों में से किसी एक विषय पर 400 शब्दों में निबंध लिखो।   (15)

i. भारत में प्रमुख दर्शनीय स्थल। ii.प्रौढ़ शिक्षा की आवश्यकता। iii.विज्ञापन कितना भ्रामक ।iv.एक मौलिक कहानी लिखो जिसका अंत निम्न वाक्य हो:-

".........अंततः मैं सफल हो ही गया।"

Q 2. निम्नलिखित अवतरण को पढ़कर अंत में दिए गए प्रश्नों के उत्तर अपने शब्दों में लिखिए।

अपने मित्रों को उसी रूप में ग्रहण करना चाहिए जैसे कि वे हैं। हमें उन पर अपने आदर्श नहीं थोपने चाहिए। आप उनसे उन्हीं के आदर्शों के पालन की आशा कीजिए भले ही वे अपने आदर्शों से भिन्न हो।

यदि हम ऐसे मनुष्य पर ध्यान से दृष्टिपात करें जिसका कोई भी मित्र नहीं तो हमें पता चलेगा कि उनमे कहीं कोई कमी अवश्य है। यदि वह मित्र पाने के योग्य होता तो उसे मित्र अवश्य मिल जाते। अधिक मित्रों वाले मनुष्यों की बाजार में साख होती है। उसके लिए प्रसिद्धि के अवसरों के द्वार खुले होते हैं ।उसकी तुलना धनी व्यक्तियों से की जाती है ।बिना मित्रों के व्यक्ति निर्धन है ।बहुत से व्यक्ति धन संपत्ति के दौड़ में मित्रों को गँवा देते हैं।

एक व्यक्ति अपने मित्रों से उसी प्रकार प्यार करता है जैसे एक कंजूस अपने धन से प्यार करता है। वह उन्हें धन से अधिक महत्व देता है । जब किसी की आवश्यकता है , तो बिना कहे सहायता के लिए आगे बढ़ता है। व्यक्तिगत स्वार्थ की अंधाधुंध दौड़ में हम मित्रों की कोमल भावनाओं का ख्याल नहीं रख पाते कभी- कभी हम मित्रता का व्यवसायीकरण करने लगते हैं। अपनी ही कार्यशक्ति और योग्यता का अधिक मूल्य आँकने लगते हैं। धन मुख्य बन जाता है,मित्रता गौण। ऐसे व्यक्ति धन के तंग घेरे में कैद हो जाते है। घेरे के बाहर उनका कोई मित्र नहीं होता। उस सफलता का क्या मूल्य जिसे हम मित्रता की बलि देने के बाद प्राप्त करते हैं।

प्रश्न:

i. 'मित्रता' का क्या अर्थ है? हमें अपने मित्रों को किस प्रकार ग्रहण करना चाहिए व क्यों?   (3)

ii. अधिक मित्रों वाले व्यक्ति की तुलना धनी व्यक्ति से क्यों की जाती है?   (3)

iii. किस प्रकार के व्यक्ति मित्रों   को गँवा बैठते हैं ?   (3)

iv.बिना मित्रों के धनी व्यक्ति की स्थिति कैसी हो जाती है ?   (3)

v. किसी मित्रता का उदाहरण दीजिए जो आर्थिक विषमता के बाद भी बनी रही?   (3)

Q.3(a). निम्न मुहावरों का अर्थ स्पष्ट करते हुए वाक्यों में प्रयोग करो:-   (5)

i. एक ही थाली के चट्टे बट्टे ।

ii.धुन का पक्का ।

iii.भाड़ झोंकना ।

iv.माथा ठनकना ।

v. फूँक - फूँक कर कदम रखना।

3.(b) निम्नलिखित अशुद्ध वाक्यों को शुद्ध करके लिखो:-(5) i.पुस्तक पर नहीं लिखो।

ii. मैं आपकी श्रद्धा करता हूँ।   iii.अच्छे विचारों को गृहण करो। iv.साहित्य और जीवन का घोर संबंध है ।

v..मोती की कड़ियाँ पिरोई जा रही है।

【काव्य - मंजरी】

अंखड़ियाँ झाईं पड़ी,
    पंथ निहारी-निहारी।
जीभड़ियाँ छाला पड्या,
    राम पुकारी-पुकारी।
जो रोऊँ तो बल घटे,
    हसौं तो राम रिसाई।
मनहिं माहिं बिसूरणां,ज्यूँ
    घुंण काठहि खाई।

i. कबीरदास जी किनके उपासक थे? (1)
ii. कबीरदास जी किनका पथ निहार रहे थे?तथा उनकी क्या दशा हो गई थी? (5)
iii. कबीर जी रोना तथा हंँसना क्यों नहीं चाह रहे हैं?(2)
iv.अर्थ लिखो:   (2)
फिरया,जोगी, रिसाई,बिसूरणां

Q.5. "मां के भक्त हुए तुम कैसे, करके यह विचार खोटा"
 उपरोक्त पंक्ति किस कविता से लिया गया है ? कवी का नाम लिखिए ।यहांँ मांँ कौन है ?भक्त यह कथन किनके उद्देश में कह रहा है?   (10)
Q.6. 'साखी' कविता के रचयीता कबीर दास जी सच्चे अर्थों में युगद्रष्टा थे। इस कथन की पुष्टी कीजिए?   (10)

【गद्य - संकलन】

Q.7. "हाय मेरे स्टील का बॉक्स" मिसेस बनोलकर बर्थ से उतरते ही लड़खड़ा गयी।
i.यह कथन किसने व कब कहा?(1)
ii. बॉक्स में क्या था ? बॉक्स के चोरी होने पर उनकी क्या दशा हुइ? (5)
iii .पंजाबी महिला कौन थी? वह सिर थामे क्यों बैठ गई?(2)
iv. सती , लेखिका शिवानी का क्या ले गई?(2)
Q.8. "संस्कृति और सभ्यता की प्रगति अधिकतर एक साथ होती है ।"
'संस्कृति क्या है?' इस पाठ के आधार पर संस्कृति और सभ्यता में क्या अंतर है? इसे स्पष्ट करते हुए यह भी लिखिए कि किसी देश की संस्कृति किस प्रकार बढ़ती है? (10)
Q.9. 'सती' कहानी के आधार पर प्रसिद्ध चरित्र 'मदालसा' का चरित्र चित्रण कीजिए? (10)

【आषाढ़ का एक दिन】

Q.10. "तुम जिसे भावना कहती हो वह केवल छलना और आत्मप्रवंचना हैं।"
i. उपरोक्त कथन के वक्ता व श्रोता कौन है ?   (1)
ii.वक्ता व श्रोता का संक्षिप्त परिचय दीजिए ? (5)
iii.वक्ता यह कथन क्यों कह रही है ?   (2)
iv.'आत्मप्रवंचना' शब्द का अर्थ स्पष्ट कीजिए? (नाटक के आधार पर)   (2)
Q.11. "सौंदर्य का ऐसा साक्षात्कार मैंने कभी नहीं किया। जैसे वह सौंदर्य अस्पृश्य होते हुए भी मांँसल हो ।"
यहांँ वक्ता किस सौंदर्य की बात कह रही है ? 'अस्पृश्य' शब्द का अर्थ लिखो ? वक्ता , श्रोता को क्या बताने को लालायित हो रही है ?   (10)
Q.12. "हमारा शरीर कोमल है, तो क्या हुआ ? हम पीड़ा सह सकते हैं ।"
उपरोक्त कथन के वक्ता कौन है? तथा ऐसा वह क्यों कह रहा है? स्पष्ट कीजिए। (10)

KRISHNAGAR ACADEMY

HALF-YEARLY (PHASE – II) EXAM' 2020-2021

CLASS –XI   SUB. – MATHS   F.M. – 60

Attempt all the questions from the Group-A and either Group-B or Group-C

GROUP-A (50 Marks)

Q.1 a) R is a relation on Z defined by $R = \{(a, b): a, b \in Z, a - b \text{ is an integer}\}$.   [7×2]

Find the domain and range of R.

b) Prove that $\tan\left(\frac{\pi}{3} + x\right)\tan\left(\frac{\pi}{3} - x\right) = \frac{2\cos 2x + 1}{2\cos 2x - 1}$

c) If $\cos(\theta + \varphi) = m\cos(\theta - \varphi)$, then prove that $\tan\theta = \frac{1-m}{1+m}\cot\varphi$.

d) If $x + iy = \left(\frac{1+i}{1-i}\right)^3 - \left(\frac{1-i}{1+i}\right)^3$, then find (x, y).

e) If the sum of the certain number of terms of the A.P. 25, 22,19, …… is 116, find the last

term.

f) The first term of a G.P. is 729 and 7th term is 64. Find the sum of first 7 terms of the G.P.

g) If the lines $2x + y – 3 = 0$ and $5x + ky – 3 = 0$ and $3x – y – 2 = 0$ are concurrent, find the

value of k.

Q.2 Express the function $f: A \to Q$ such that $f(x) = \frac{2x-1}{3x+2}$, where $A = \{x: x \in Z, |x| \leq 4\}$

as the set of ordered pairs and hence find its range.   [4]

Q.3 If $\tan(\theta + \varphi) = m\tan(\theta - \varphi)$, then prove that $\sin 2\theta = \frac{m+1}{m-1}\sin 2\varphi$ [4]

Q.4 If $x\cos\theta = y\cos\left(\theta + \frac{2\pi}{3}\right) = z\cos\left(\theta + \frac{4\pi}{3}\right)$, then find the value of $xy + yz + zx$.   [4]

OR

If angle θ is divided into two parts such that the tangent of one part is k times the tangent

of the other, and φ is their difference, then show that $\sin\theta = \frac{k+1}{k-1}\sin\varphi$

Q.5 If $(x + iy)^{\frac{1}{3}} = a + ib$, where $x, y, a, b \in R$, show that $\frac{x}{a} - \frac{y}{b} = -2(a^2 + b^2)$.   [4]

Q.6 In an A.P., if pth term is $\frac{1}{q}$ and qth term is $\frac{1}{p}$, prove that the sum of first pq terms

is $\frac{1}{2}(pq + 1)$.   [4]

Q.7 Find the value of n so that $\dfrac{a^{n+1}+b^{n+1}}{a^n+b^n}$ be the geometric mean between a and b.   [4]

OR

How many words can be formed by using the letters of the word INDEPENDENCE in which

i) the words start with P   ii) the words begin with I and end wih P.

Q.8 Using Principle Mathematical Induction, prove that   [6]

$$1 + \frac{1}{1+2} + \frac{1}{1+2+3} + \cdots + \frac{1}{1+2+3+\cdots+n} = \frac{2n}{n+1}.$$

Q.9 Prove that the coefficient of x^n in the expansion of $(+x)^{2n}$ is twice the coefficient of x^n

in the expansion of $(1+x)^{2n-1}$.   [6]

OR

Show that the middle term of the expansion of $\left(x - \dfrac{1}{x}\right)^{2n}$ is $\dfrac{1.3.5.\cdots\cdots(2n-1)}{n!}(-2)^n$.

GROUP - B

Attempt all questions

Q.10 Find the coordinates of a point on the parabola $y^2 = 8x$ whose focal distance is 4.

OR

Prove that the equation of the chord joining the points (x_1, y_1) and (x_2, y_2) lying on the

Parabola $y^2 = 4ax$ is $(y - y_1)(y - y_2) = y^2 - 4ax$.   [4]

Q.11 If l and l′ be the lengths of segments PS and P′S of a focal chord PP′ of a parabola

$y^2 = 4ax$, then show that $\dfrac{1}{l} + \dfrac{1}{l\prime} = \dfrac{1}{a}$.   [6]

GROUP-C

Attempt all questions

Q.12 Calculate the median of the following frequency distribution: [4]

Class limits:	130-134	135-139	140-144	145-149	150-154	155-159	160-164
Frequency :	5	15	28	24	17	10	1

OR

Find the 7th decile 59th percentile from the following frequency distribution:

Marks	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
No. of students:	20	32	40	46	38	30	28	16

Q.13 The following is a frequency distribution: [6]

Marks	30-40	40-50	50-60	60-70	70-80	80-90	90-100
No. of students:	3	4	13	24	40	30	6

Krishnagar Academy

Half-Yearly Phase-II Examination(Session 2020-21)
CLASS XI
SUBJECT-Chemistry

FM 70

All questions are compulsory

Question 1 is of 20 marks having 4 subparts, all of which are compulsory. Question no 2 to 8 carry 2 marks each with 2 questions having internal choice. Question no 9 to 15 carry 3 marks each with 2 questions having internal choice. Question no 16 to18 carry 5 marks each with an internal choice.

Question 1.

A) Choose the correct option 4x1=4

i) Which of the following represents the correct order of increasing electron gain enthalpy with negative sign for the elements O,S,F and Cl

A) Cl<F<O<S B)O<S<F<Cl c) F<S<O<Cl   d) S<O<Cl<F

ii)What type of orbital hybridisation is present on P in PCl_5

a)sp^3d b)dsp^3 c)sp^3d^2 d)d^2sp^3

iii)Which one is the most reactive towards electrophilic substitution

A) $Ph-Ch_2Oh$ B)Ph-Oh   c)$Ph-NO_2$ d)Ph-Cl

iv)Oxidation states of P atom in $H_4P_2O_5$,$H_4P_2O_6$ and $H_4P_2O_7$ are respectively

a)+3,+4,+5 b)+3,+5,+4 c)+5,+3,+4   d)+5,+4,+3

B) Match the column 4x1=4

Column A	Column B
i)IF_7	Square planer
ii)SO_2	Seesaw
iii)XeF_4	Pentagonal Bipyramidal
iv)SF_4	V-shaped

C) Name the following 4x1=4

 1. IUPAC name of Benzene

 2. A T-shaped compound

3. A compound used as a nucleophile as well as electrophile

4. A liquid used as a reducing as well as oxidising agent

D) Answer the following   4x2=8

1.Arrange water, methanol and dimethyl ether in increasing order of their viscosity and give reason

2.Dipole moment of Vinyl chloride is less than ethyl chloride-Explain

3. Which of the two :$O_2NCH_2CH_2O^-$ and $CH_3CH_2O^-$ is expected to be more stable and why?

4.$LiCO_3$, inspite of being an alkali metal carbonate is sparingly soluble in water like $MgCO_3$-Explain

Question 2   **1+1=2**

A. An element A has atomic number 24

1. Represent its electronic configuration

2. To which group and period does it belong

B. Na impart colour to flame but Mg does not –Explain

Question 3

a)$PbCl_2$ is easily formed but $PbCl_4$ is rarely seen-Explain

                    OR

b) Which one is better oxidising agent between F_2 and Cl_2-Explain

Question 4

PH_3 forms bubbles on being slowly passed through water but NH_3 dissolves in water-Why?

Question5

a)Arrange the following compounds in increasing order of boiling point

HF,H_2O,NH_3 -Explain

                                        OR

b) Arrange the following molecules in increasing order of the lone pair of electrons

H_2O,PCl_3,BF_3

Question 6

Explain

i) Amides are less basic than amines

ii) Triphenylamine is not at all basic

Question 7

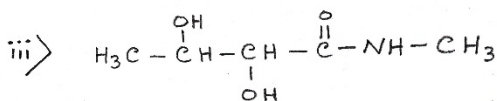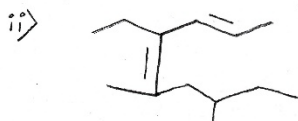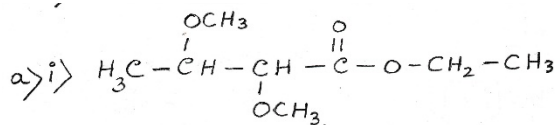**Arrange the following carbonates of alkaline earth metal in order of their thermal stability**

$BaCO_3,CaCO_3,SrCO_3,MgCO_3$-Explain

Question 8

What is lanthanide contraction?

Question 9

Give the IUPAC nomenclature of the following

a) i) $H_3C - \overset{\overset{OCH_3}{|}}{CH} - \overset{\overset{}{|}}{CH} - \overset{\overset{O}{||}}{C} - O - CH_2 - CH_3$
$\qquad\qquad\qquad \underset{OCH_3}{|}$

ii)

iii) $H_3C - \overset{\overset{OH}{|}}{CH} - \overset{\overset{}{|}}{CH} - \overset{\overset{O}{||}}{C} - NH - CH_3$
$\qquad\qquad\quad \underset{OH}{|}$

OR

b) i) $ClCO - CH_2CH_2CH_2CH_2 - COCl$

ii) $CH_3 - O - CH_2CH_2 - O - CH_3$

iii) $CH_3 - CH = CH - CH - CH = CH - CH_3$
$\qquad\qquad\qquad\quad \underset{CH=CH_2}{|}$
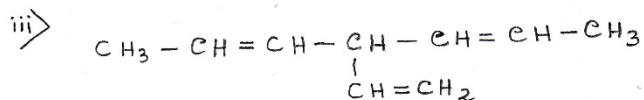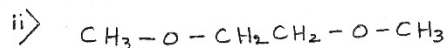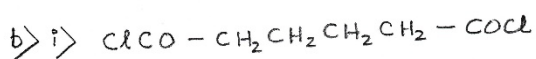
Question 10

Determine the oxidation number of

1. S in H_2SO_5

2. S in $Na_2S_2O_3$

3. Cr in CrO_5

Question 11

Draw all the possible isomers of C_5H_{10}

Question 12

Find the oxidation state of C-1 and C-2 in CH_3CH_2OH

<div align="center">OR</div>

What is pseudotropism? Give example

Question 13

What will be the change in oxidation number of Mn when MnO_2 is melted with solid KNO_3 and KOH

Question 14

A,B,C,D are four elements of the same period of which A and B belong to s block.B and D react together to form B^+ and D^-.C and D unite together to produce a covalent covalent compound CD_2

1. What is the formula of the compound formed by A and D?

2.What is the nature of that compound?

3.What will be the formula of that compound formed between B and C?
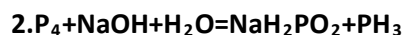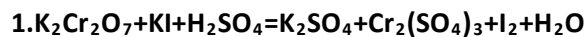
Question 15

Silicon tetrachloride undergoes ready hydrolysis but carbon tetrachloride does not-Explain

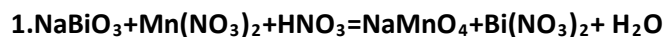a)CH_3COCH_3 and $C_6H_5COC_6H_5$ which one will exhibit tautomerism and why?

Question 16

a)Balance the following redox reaction by ion electron method   3+2=5

1.$K_2Cr_2O_7+KI+H_2SO_4=K_2SO_4+Cr_2(SO_4)_3+I_2+H_2O$

2.$P_4+NaOH+H_2O=NaH_2PO_2+PH_3$

OR

Balance the following redox reaction by oxidation number method

1.$NaBiO_3+Mn(NO_3)_2+HNO_3=NaMnO_4+Bi(NO_3)_2+ H_2O$

2.$P+CuSO_4+ H_2O=Cu+ H_3PO_4+H_2SO_4$

Question 17   2+1+2=5

a)1.Arrange the following according to increasing order of C-O bond length:CO,CO_3^{2-} and CO_2

2. Draw the resonating structures of NO_2

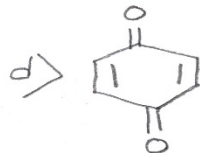3. Out of SO_2 and CO_2 which one has higher dipole moment and why ?

OR

b)1.Calculate the formal charge of sulphur atom in $SOCl_2$ 1+2+2=5

2.Arrange the following species in decreasing order of their bond length :N_2,N_2^+,N_2^-

3. Why N-H bond angle in ammonia is less than that of C-H bond angle in methane

Q18> 1> which   is   maximum   acidic?
       And why?

a>   b>

c> CH₃   d>
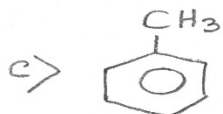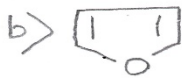
2.Show the mechanistic pathway of electrophilic addition reaction from propene to 2-bromopropene

OR

1.Compare the acidity of phenol,paranitrophenol,orthonitrophenol and metanitrophenol   3+1+1=5

2.Draw the resonating structure of aniline

3.CH₃Cl is unreactive towards SN1 reaction- why?

Krishnagar Academy

Half-Yearly Phase-II Examination(Session 2020-21)

CLASS XI

SUBJECT: PHYSICS

FM 70

SECTION-A

A.i] Static friction is –   1

a] Always greater than the dynamic friction.

b] Always less than the dynamic friction.

c] Equal to the dynamic friction.

d] Sometimes greater and sometimes smaller than the dynamic friction.

ii] On horizontal surface of a truck of block of mass 1 kg is placed (μ= 0.5) and truck is moving with acceleration 5m/s², then frictional force on block will be -

a] 5N b] 6N c] 5.88 N d] 8N   1

iii)The dimensional formula of resistivity is   1

a.   [ML3T -3A-2]

b.   [ML2T -3A-2]

]c.   [M1L T -3 A-2]

d.   [ML0 T -2 A-1]

iv)Two vectors are said to be orthogonal when the angle between them is 1

a . 0°

b . π

c. $\pi/2$

d. $\pi/4$

v)The horizontal range of an oblique projectile is maximum when the angle of projection is 1

a.90°

b.45°

c.0°

d. None of these..

B. i] A satellite revolves close to the surface of a planet . How is its orbital velocity related with velocity of escape from that planet?   1

   ii] Define angle of friction.   1

   iii] What is the value of 'g' at centre of earth ?   1

iv) Draw the position –time graph for an object having uniformly accelerated motion.   1

   v) What is coefficient of restitution?   1

   vi)A lady pulls a vacuum cleaner with a force of magnitude 75 N. The force makes an angle of 30° with the horizontal . If the vacuum cleaner is displaced 5.0m in the direction of force calculate the work done.   1

   vii). Average velocity and instantaneous velocities are generally not same. Is it possible that they are equal for any type of motion? If so give example.   1

SECTION – B

2. Derive an expression for the acceleration of a body rolling down a rough inclined plane.   2

3. Write two usages of geostationary satellite.   2

4. Why friction is called a self adjusting force?   2

5. Prove that the scalar product of two orthogonal vectors is zero.   2

6. Find the value of $|\vec{a}.\vec{b}|^2 + |\vec{a}x\vec{b}|$ 2

7. Convert one joule into erg by dimensions.   2

8. Derive the formula for time of flight for an oblique projectile.   2

9. A constant force $\vec{F}=(6.0\hat{i}+4\hat{j})$ N acts on a particle and it undergoes a displacement $\vec{S}=(3\hat{i}+4\hat{j})$.Calculate the work done by the force.   2

10. If the greatest height reached by a projectile is $3/4^{th}$ the horizontal range, what is the angle of projection?   2

11. Derive the expression of kinetic energy.   2

12. What are the conditions for an elastic collision.   2

13. A force of 3 kg wt is just sufficient to pull a block of 4 kg wt over a flat surface. What is the angle of friction? 3

14. The escape velocity on earth is 11.2 km/s . What is its value for a planet having double the radius and 16 times the mass of earth? 3

15.Prove that the area of a parallelogram with sides $\vec{A}$ and $\vec{B}$ is $\vec{A}x\vec{B}$. 3

16. The variation of the velocity of a particle moving along a straight line is illustrated in the fig. what is the distance traversed by the particle in 4s 3
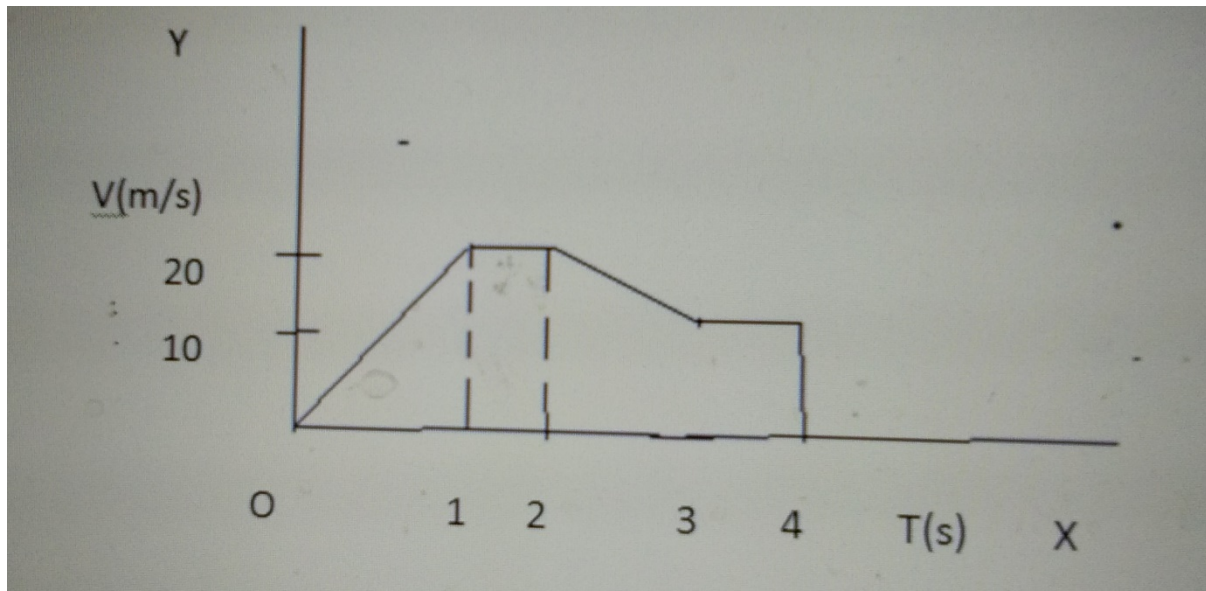
17.Differentiate with respect to x: (3x2-5) (x2+7). 3

18. Integrate : (3x2_6x+1/x3) 3

19.Prove that for a projectile the range for any angle any number of degrees greater than 45° will be equal to the range for an angle which is equal number of degrees less than 45°. 3

20. State and prove Kepler's 3rd law of planetary motion (for circular orbit). 5

21. a. Compare the tensions produced in a string when two bodies of masses m1 and m2 are connected and they are allowed to move for a vertical motion and a horizontal motion.(Do the essential assumptions) 3

b. Two masses are connected at the two ends of a light inextensible string that passes over a frictionless pulley. The difference in the masses is 0.5 kg. The system moves through 10m in 2s starting from rest. What are the masses? 2

22.a. Find the expressions of final velocities v1 and v2 acquired by two masses m1 and m2 moving with initial velocities u1 and u2 colliding elastically. 3

b. A moving particle of mass m collides with a stationary particle of mass 2m . Show that the colliding particle will lose 8/9 of its initial energy after collision. 2

Krishnagar Academy
Half-yearly Eaxmination
Class-XI, Phase-II
Subject : Biology

PART-I [Compulsary]   20Marks

1.a) Answer the following: (8×1)
   i. Name some edible algae.
  ii. What is the role of radula?
 iii. What are cnidoblasts?
 iv. What is the function of phloem parenchyma?
  v. What are sclerites?
 vi. What is nucleosome?
 vii. What do you mean by ligase?
viii. What is terminalisation?
 b) Differentiate: (4×1)
   i. Amphiastral and anastral spindle
  ii. Endocrine and exocrine glands
 iii. Male and female cockroach
 iv. Chondrichthyes and osteichthyes
 c) Fill in the blanks: (4×1)
   i. MSH is produced by ……… .
  ii. Enzymes are ………. in nature.
 iii. Only organelle found in prokaryotic cell is ………. .
 iv. The cavity enclosed by the ovary wall is ………. .
 d) Expand: (2×1)   i) ACT   ii) BMR
 e) Mention the contributions of: (2×1)
   i. Porter, Claude & Fullam.   ii. Robert Brown.

PART-II [Attempt all]   50Marks

SECTION-A   [7×2]
   2.a) Differentiate: Red & Bbrown algae.
             OR
    b) Why are bryophytes known as amphibians of plant kingdom?
   3. What is statocyst and omatidia?
   4. Why are starch and glycogen more suitable than glucose as storage product?
    5.a) Write about the cellular autonomy in unicellular organisms.
             OR
     b)Give significance of glycocalyx.
   6. What is quiescent stage of cell cycle?
   7. Which hormone is secreted by heart? Mention its role.
   8. Define: epipetalous & synandrous.

SECTION-B [7×3]

9.a) Discuss about the relative position of floral parts on the thalamus.

OR

b) Define inflorescence and its types.

10. Differentiate: Heartwood & sapwood.

11. Write about semi-autonomous organelles. Why are they called so? Name them.

12. Draw the structures of the amino acids.

13. Write brief note on: a) Synaptonemal complex

b) Metaphase plate

14.a) Which hormonal deficiency is responsible for the following?

i) Diabetes mellitus   ii) Goitre   iiil) Cretinism

OR

b) How does progesterone function in human female?

15. Describe the ultrastructure of cillia and flagella diagrammatically.

SECTION-C   [3×5]

16.a) Describe the mechanism of enzyme action.

OR

b) With proper diagram, describe Fluid Mosaic Model.

17.a) In brief, describe the stages of Prophase-l of Meiosis-l.

OR

b) i. Differentiate: RER & SER.   (3)

ii. Mention function of mitochondria.   (2)

18.a) Give 2 characteristics each of the chordates.

OR

b)i. Write 2 economic importance each of: algae, lichens, fungi. (3)

ii. Describe haplodiplontic life cycle. (2)

Krishnagar Academy

Half yearly (Phase-II) Examination 2020-21
Class-XI
Subject: Accounts
Full Marks: 100
Part: 1

1. Answer the following questions: (2X10=20)

   i) What is journal?

   ii) What is ledger?

   iii) What is contra entry?

   iv) What is ledger folio?

   v)What is journal folio?

   vi) What is cash book?

   Vii) What is Bank Reconciliation Statement?

   viii) What is Trial Balance?

   ix) What is double column cash book?

   x) What are the objectives of Trial Balnce?

Part: 2

Answer any five questions   (12X5=60)

2. Prepare journal

   i) Mr. X started business with cash ₹90000

   ii) Purchased goods from Mr. Y ₹2000

   iii) Paid salary to Mr. Z ₹3000

   iv) Received commission from Mr. B ₹4000

   v) Paid rent of Mr. X's private house ₹5000

   vi) Received ₹3700 for cash sale of goods.

3. Prepare Bank Reconciliation Statement on 31.3.20.

   i) Balance as per pass book ₹8620

   ii) Cheque for ₹4860 were deposited into bank but credited by bank only ₹3260

   iii) A customer directly deposited into bank ₹470

   iv) Interest credited by bank ₹230

   v) Bank charges ₹30

4. Prepare Cash Account, Capital Account, Barun Account.

   1.1.20 Mr. S Started business with cash ₹50000

   2.1.20 Purchased goods from Mr. B ₹2000

   3.1.20 Paid to Mr. B ₹500

   4.1.20 Paid the balance amount to Mr. B

5. Prepare Trial Balance and determine the amount of capital.

Purchase ₹70000, Debtors ₹23800. Carriage inward ₹1400. Carriage outward ₹700. Cash in hand ₹3500, Machinery ₹24500. Provision for depreciation an Machinery ₹2400. Drawing ₹7700. Return in ward ₹3500. Return out ward ₹3500. Bad debt ₹2450.

6. Prepare suitable cash Book.

   1.1.20 Cash in hand ₹1150

      Cash at bank ₹3500

   5.1.20 Paid salary by cheque ₹1000

   11.1.20 Sold goods to Mr. K for cash ₹500

   18.1.20 Deposited cash into bank ₹400

   24.1.20 Withdraw cash from bank for personal use ₹500

   27.1.20 Withdraw cash from bank for office use ₹1000

   30.1.20 Sold goods and received cheque ₹1000

7. Prepare Bank Reconciliation Statement.

   i) Overdraft as per cash book ₹5270

   ii) Cheque issued but not presented for payment ₹1150

   iii) Interest on overdraft charged by bank but not entered in cash book ₹120

   iv) Dividend received by bank but not reordered in cash ₹450

   v) Chaque deposited into bank but not collected by bank ₹2170

Project Work: 20

Krishnagar Academy

Half-Yearly Phase-II Examination(Session 2020-21)
CLASS XI
SUBJECT-Business Studies

FM 70

Part I
Answer the following questions.

Q.1.a) Who is a Manager ?   5x2
  b) What is Business Risks ?
  c) Define the term Entrepreneur.
  d) What is Intrapreneurship ?
  e) What is Entrepreneurship ?

Part II
Answer any five questions.

Q.2. Explain PESTLE Analysis.   4
  b) Discuss the various types of Entrepreneur.   8

Q. 3.a) Discuss any four characteristics of a successful Entrepreneur.   4.
  b) Discuss the feature of Business Environment.   8

Q4.Distinguish between Entrepreneur and Manager.   4
  b) Discuss the factors affecting the Entrepreneurship.   8

Q5. Distinguish between Entrepreneurship and Management.   4
  b). Discuss the steps in setting up an enterprise.   8

Q. 6.a) Discuss the phases of a business.   4
  b) Discuss the types of Business Risks.   8

Q.7. a) Discuss any four internal causes of business failure.   4
  b) Discuss the various methods of managing risks.   8

Q.8.a) Discuss the any four external causes of business failure.   4
  b) Explain the roles of a Manager as suggested by Henry Mintzberg.   8

Krishnagar Academy

Half-Yearly Phase-II Examination(Session 2020-21)
CLASS XI
SUBJECT-Commerce

FM 70

Part.   I

Answer the following questions   5 x 2= 10

Q.1. a). Define the term Cooperative Organisation.
   b)What is Memorandum of Association?
   c) Define the term Articles of Association.
   d) Define the Partnership form of business.
   e) What is Sole Proprietorship form of business ?

Part. II
Answer any five of the following.

Q.2. Write short notes on Partnership Deed.   3
   b) Write any four characteristics of partnership form of business.   4
   c) Discuss any five Aids to Trade.   5

Q.3.a) Write short notes on Social Objective s of Business.   3
   b) Discuss any four characteristics of Sole Proprietorship form of business.   4
   c) Discuss any five merits of a partnership form of business.   5
Q.4. a) Discuss the consequences of non- registration of partnership firm.   3
   b) Discuss any four features of Joint Stock Company.   4
   c) Distinguish between Trade ' Industry and Commerce.   5

Q.5.a) Write short notes on National Objectives of Business.   3
   b) Write the characteristics of Public Private Partnership (ppp).   4
   c) Discuss the advantages of Cooperative Organisation.   5

Q.6. a) Write short notes on Human Objective of Business.   3
   b) Distinguish between Memorandum of Association and Articles of
Association.   4
   c) Discuss the merits of Government Company.   5

Q 7. a) Write short notes on Economic Objective of Business.   3
   b) Write any four contents of prospectus.   4
   c) Discuss the demerits of Government Company.   5

Q.8. a) Write short notes on Incorporation. of a Company.   3
   b) Discuss the privileges of private Companies.   4
   c) Discuss the role of profit in business.   5

Krishnagar Academy
Half-Yearly Phase-II Examination (Session 2020-21)
CLASS XI
SUBJECT: Computer Science

FM 70

PART I
Attempt all questions

Question 1.

(a) Simplify **A.B+A'. C+B.C** using the laws of Boolean algebra. At each step state clearly the law used for simplification. **[2]**

(b) State the two compliment properties of Boolean algebra. Verify any one using truth table. **[2]**

(c) What is syllogism? **[2]**

(d) From the premises $a=>b$ and $b=>a$ conclude $b'+ab$. **[2]**

(e) What do you understand by combinational logical circuit? **[2]**

Question 2.

(a) Why abstraction always refers to as a relative matter of an object? **[2]**

(b) What is the difference between function overloading and function overriding? **[2]**

(c) What is fall through? What is the solution for dangling else problem? **[2]**

(d) What do you understand by proposition? **[2]**

(e) What is Truth table? What is truth-value? **[2]**

Question 3:

a) Given the following simple propositions: **[2]**

p=It is raining

q=It is not a sunny day

Conduct the compound sentences for the following

i)   ~p^q

ii)   ~q=>p

b) Establish the following using truth table. [2]

i) (a=>b).(b=>a)=(a⇔b)

ii) a=>b = ~a=>~b

c) Establish the following using Boolean algebra. [2]

i)   X+Y'Z=(X+Y'+Z')(X+Y'+Z)(X+Y+Z)

ii)   ABC+AB'C+ABC'+A'BC=AB+BC+CA

d) Establish the validity for the following: [2]

$$a=>b$$
$$b=>c$$
$$\underline{a\qquad .}$$
$$c$$

e) Design a circuit (3 inputs) which gives a high input, when there is even number of low inputs. [2]

Question 4:

a) Perform the following as directed. [5 x 2 =10]

i)   101.1101(Convert from binary to decimal)

ii)   1110.110 and 11010.011 (Multiply the binary numbers)

iii)   A13B and A6 (Add the Hexadecimal numbers)

iv)   11011 – 1110 (Subtract the binary numbers using 2's complements)

v)   ABCD (Convert the Hexadecimal number to octal number)

PART – II
*Answer **four** questions in this part, choosing **two** questions from*
*Section A, **two** from Section B*
SECTION - A
*Answer any **two** questions*

Question 5.

(a) What is Full adder? Write the expressions for sum and carry. Simplify the expressions algebraically using Boolean algebra.   **[5]**

(b) Draw the truth table and logic circuit diagram for a Full adder.   **[5]**

Question 6.

(a) Write the equivalent Boolean expression and truth table for the propositions $F= \sim X \rightarrow \sim Y$ and $F=X \leftrightarrow Y$.   **[4]**

(b) Explain the following term: **[6]**

i)   Tautology

ii)   Chain Rule

iii)   Contrapositive

Question 7.

a)   What is universal gate?   **[2]**

b)   Draw the fundamental Gates using any one of the universal gates?   **[6]**

c)   Draw the following using NOR gate only   **[2]**

X.Y+Z'

SECTION B
(Answer any two questions)

Question 8.   **[5]**

Write a program to find out the given number is smith number or not. A number is said to smith number if sum of the digits of the number is equal to the sum of the digits of the prime factors of the number.

E.g. 666 is a smith number as (6+6+6 = 2+3+3+(3+7))

Question 9.   **[5]**

Write a program to accept a sentence and print only the words of the sentence in capital letters if it contains two vowels.

Question 10.   **[5]**

Write a menu driven program to find the sum of the following series depending on the user choosing 1 or 2

1.   S=1/4 + 1/8 + 1/12 .... upto *n* terms

2.   S=1/1! - 2/2! + 3/3!..........upto *n* terms

Where ! stands for factorial of the number and the factorial value of a number is the product of all integers from 1 to that number, e.g. 5! = 1 $\times$ 2 $\times$ 3 $\times$ 4 $\times$ 5. (Use *switch-case*).

Krishnagar Academy

Half-Yearly Phase-II Examination(Session 2020-21)
CLASS XI
SUBJECT-Economics

FM: 70

(Part 1 is compulsory and attempt any five questions from Part 2)

Part 1:(Answer all the questions)   (5×2=10)

Question 1:
a)Define market in Economics.
b)With an illustration show the four phases of business cycle.
c)State any two limitations of Statistics.
d)Mention the characteristics of PPC.
e)In a cricket match the average runs made by11 players were calculated as40.Later on it was discovered that the score of a player who had actually made 11 runs was read as 22.Find the correct average.

Part 2:(Attempt any five questions)

Question 2:
a)Differentiate between value - in- use and value- in -exchange.
b)Define welfare.
c)Define PPC.State the assumptions of PPC.   (3+3+6=12)

Question 3:
a)Differentiate between nominal and real value.
b)Define price.Give an example.
c) Mention the characteristics of wealth.   (3+3+6=12)

Question 4:
a) With a numerical schedule illustrate a PPC.
b)What is factor income. Give examples.
c)How does 1)saving differ from savings
2)Individual saving differ from Aggregate savings.   (3+3+6=12)

Question 5:
a)Mention the major components of investment goods.
b)Give two examples each of individual wealth and national wealth.
c)With the help of a PPC ,show the basic Economic problems.   (3+3+6=12)

Question 6:
a)Why does economic problem arise?
b)What are the three fundamental problems faced by all economies?
c)State the features of a mixed economy.   (3+3+6=12)

Question 7:
a)Calculate Mode when Mean=68.53,Median=70.2
b)State any two importance of Statistics in Economics.
c)Find out price index by simple aggregative method from the following data:

Cereal.	Price(Rs). (1995).	Price (Rs) (2010)
A.	5	40
B.	10	60
C.	30	120

(3+3+6=12)

Question 8:
a)Calculate the Mode by using Graphic method of the following series..

Class Interval.	Frequency
0-10	5
10-20	10
20-30	15
30-40	20
40-50	12
50-60	10

b)What is a capitalistic economy .Give two examples.
c)Calculate the coefficient of rank correlation of 10 participants in a beauty contest

Rank given by Judge A.	Rank given by Judge B
1	2
2	4
3	1
4	5
5	3
6	9
7	7
8	10
9	6
10	8

(3+3+6=12)

Question 9:
a),Construct price index number by Fisher's Method from the following data:

Commodity	Price (2010).	Quantity (2010).	Price. (2020)	Quantity (2020)
A.	2	20	5	15
B.	4	4	8	5
C.	1	10	2	12
D.	5	5	10	6

b)Calculate Mode by grouping and analysis method...

Class Interval.	Frequency
10-15	3
15-20	7
20-25	16
25-30	12
30-35	9
35-40	5
40-45	3

c)Calculate A.M by using Direct,Short cut and Step Deviation methods from the following data..

Marks	No.of students
0-10	17
10-20	30
20-30	28
30-40	70
40-50	5

(3+3+6=12)

Krishnagar Academy
Half-Yearly Phase-II Examination(Session 2020-21)
CLASS XI
SUBJECT: HISTORY

FM 70

GROUP A

ANSWER THE FOLLOWING:-.   10X2=20

i. Who was Kenglia?

ii. Mention the reasons of conflict between the Mundas and the British.

iii. State the names of the pro changers and no changers.

iv. What is the impact of the Nehru report?

v. Mention the salient features of Gandhi-Irwin Pact.

vi. Why Gandhiji chose to break the salt laws?

vii. State why the change of leadership among the Allied Powers led to the defeat of Germany in World War I.

viii. Mention the territorial clauses of the Treaty of Versailles on the Northern front of Germany.

ix. Why Germany objected the Versailles settlement regarding its Eastern front?

x. Give the reasons for the Great Depression explained by the Marxist.

GROUP-B

QUESTION 1.

a. Discuss about the Indigo Uprisings. 6

b. Explain the Deccan Riot.   4

QUESTION 2.

a. How R.P. Dutt criticized the decision taken by Gandhiji to suspend the Non cooperation Movement as it has been supported by Bipan Chandra?   6

b. Discuss the significance of the Civil Disobedience Movement   4

QUESTION 3.

a. Discuss the causes of the Non Cooperation Movement along with its programme.   10

QUESTION 4.

a. Discuss the causes of the rivalry between Austria and Serbia.   5

b. Why did the Central powers collapse in 1918?   5

QUESTION 5.

a. Discuss the Great Boom of USA in 1920.4

b. Explain the New deal introduced by Roosevelt.   6

HALFYEARLY EXAMINATION

PHASE -II

CLASS – XI

SUBJECT – GEOGRAPHY

F.M.70

Attempt all questions from part -I and any four from part-II

PART – I

Questio 1. Answer the following questions :   [10x2=20]

   a) What is conard discontinuity ?
   b) Define a nappe.
   c) Why there is a need to divide the world into different climatic regions ?
   d) What is plate boundary and plate margin ?
   e) What is fault scrap and fault plain ?
   f) Show with a diagram the different parts of a fold .
   g) Explain the term food web.
   h) What are sea mount and sub marine trench?
   i) Why the equatorial region have have very less population ?
   j) Explain the term isostasy and continental drift.

Question 2. Mark and name the following in the out line map of the world: [10x1=10]

   a) The mountain range with highest peak in the world.
   b) The mountain range that makes the boundary between Europe and Asia.
   c) The plateau known as the roof of the world.
   d) Brazilian plateau
   e) Black sea
   f) Drakensburg
   g) Andaman sea
   h) A region of tropical monsoon climate
   i) Beaufort sea
   j) Plateau of Iran.

PART -II

(ANY FOUR)

Question 3.

   a) Why do we depend on indirect sources of information about the interior of the Earth? State any four sources of information about the interior of the Earth. [1+2=3]
   b) Show with a diagram the interior structure of the Earth.   [3]
   c) Why the centre of the Earth behave as solid ? What is the reason for Earth's magnetism?   [1+1=2]
   d) Why the continental crust floats over the oceanic crust ? Define asthenosphere.[1+1=2]

Question 4.

a) Explain views of Pratt regarding Isostasy.   [3]
b) What are converging boundaries ? Name any four major plates . [1+2=3]
c) Why the plates are constantly moving? What is sea floor spreading? [1+1=2]
d) How plate tectonics and continental drift are related ? [2]

Question 5.

a) What is the difference between fold mountain and block mountain. [2]
b) i) What is a step fault ?   [1]
   ii) What are structural plain ? [1]
c) Differentiate between Tibetan plateau and Malwa plateau. How plateaus influence human life.   [1+2]
d) What is recumbent fold?How old fold mountain differs from young fold mountains?[1+2=3]

Question 6.

a) State the difference between continental slope and continental shelf.[2]
b) Explain the energy flow in an ecosystem?   [3]
c) Compare the shape size and floor of Atlantic ocean and pacific ocean.   [3]
d) How the ecological balance is disturb by the humans?   [2]

Question 7.

a) Differentiate between tropical monsoon climate and equatorial climate.   [2]
b) Why the Mediterranean region receives rainfall during winter? Sate two features of savanna climate.   [1+1=2]
c) Name the areas where taiga type of climate is found. Sate the climatic characteristics of this climate .   [1+2=3]
d) Explain any three types of faulting.   [3]

MAP FOR Q. NO. 2.   MAP OF THE WORLD
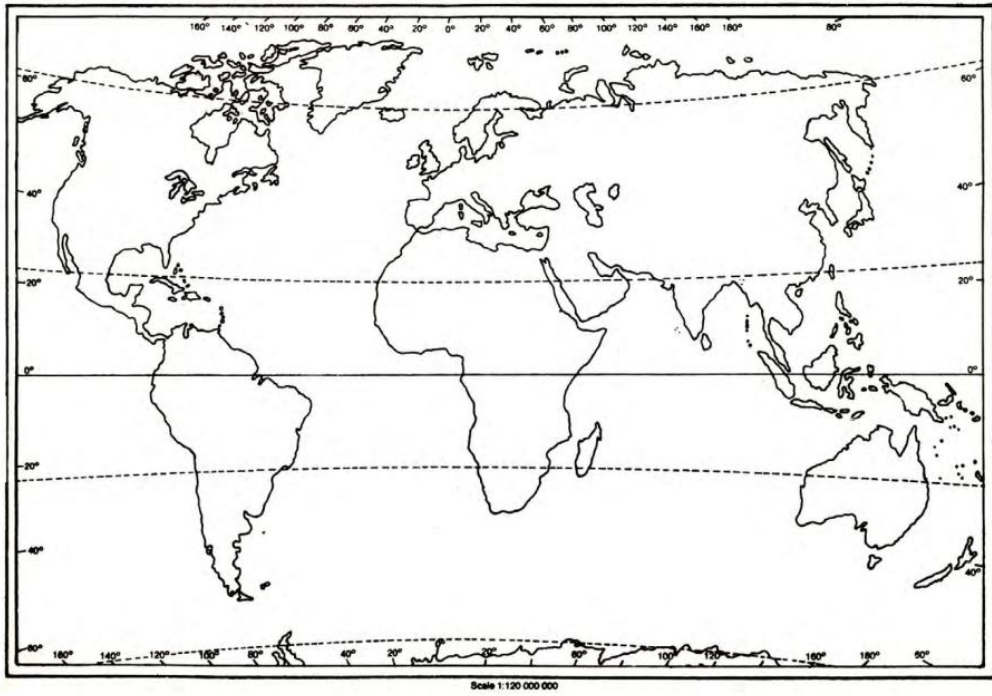
Scale 1:120 000 000

Krishnagar Academy

Half-Yearly Phase-II Examination(Session 2020-21)

CLASS XI

SUBJECT: PHYSICAL EDUCATION

FM 70

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Answer any five questions from section A.

Section B comprises of one question on each game, with five subparts (a),(b),(c),(d) and (e).Select any two games from this section.

Answer any three of the five subparts a),(b),(c),(d) and (e) From each of the two games selected by you in this section.

....

SECTION A (40)

Answer any five questions.

Questions 1

Write the methods of developing student's interest in physical education and sports. (8)

Questions 2

Define motivation and what are the types of motivation? (4+4)

Questions 3

Explain the effects of exercise and benefits of regular training on muscular system. (8)

Questions 4

Explain the effects of exercise and benefits of regular training on respiratory system. 8

Questions 5

Explain the effects of exercise and benefits of regular training on circulatory system. 8

Questions 6

Explain the effects of exercise and benefits of regular training on digestive system. 8

SECTION B (30)

Select any two games from this section.

Answer any three of the five subparts a),(b),(c),(d) and (e) From each of the two games selected by you. Each subpart is for 5 marks.

....

Questions 8   FOOTBALL

a) Mention any five skills used in Football. (5)

b) Write the name of five international tournaments. (5)

c) List any four ways to restart the game(5)

d) List the basic compulsory equipments required by a football player. (5)

e) Mention any five duties of a referee.

Questions 9   CRICKET

a) Write the name of four international tournaments. (5)

b) With the help of a neat and clean Diagram, show any five fielding positions on the leg side of the cricket field. (5)

c) Explain the following terms:

1) Free hit 2) Leg Glance (5)

d) Mention any four duties of the third umpire.(5)
e) Write a short note on IPL (5)

Questions 10   BASKETBALL

a) Write the name of three national tournaments. (5)
b) Write a short note on Personal foul (5)
c) Write any five basic skills in basketball . (5)
d) Draw a neat and well labelled diagram of basketball court with all dimensions. (5)
e) Explain the following terms:
1) Chest Passl 2) Bounce Pass (5)

Questions 11   VOLLEYBALL
a) Draw a neat and well labelled diagram of volleyball court with all dimensions. (5)
b) Write the name of three national tournaments. (5)
c) Write any five basic skills in volleyball.(5)
d) Mention any four duties of a line judge. (5)
e) Explain the following term:
1) Libero (5)

Questions 12   ATHLETCS
a) List any four duties of the chief time keeper. (5)
b) Draw a neat and well labelled diagram of discus sector with all dimensions. (5)
c) Draw a neat and well labelled diagram of shot put throw with all dimensions. (5)
d) Explain the term Starting blocks. (5)
e) Explain the stages of shot put throwing.

Krishnagar Academy
Half-Yearly Phase-II Examination(Session 2020-21)
CLASS XI
SUBJECT: Political Science

FM 70

GROUP A

ANSWER THE FOLLOWING:-.   10X2=20
i. What do you mean by Liberalism?
ii. Define Socialism according to G.D.H Cole.
iii. Explain the meaning of socialism as per Laski.
iv. Give the difference between de jure Sovereign and de facto Sovereign.
v. What is internal sovereignty?
vi. Why Bernard Baruch used the term 'Cold War' to describe the political situation of post - 1945 period?
vii. What do you mean by detente?
viii. Name any two regional organizations of Euroasian political, economic and security alliance.
ix. Name the policies introduced in USSR which produced big changes in the political systems of Eastern European countries
x. What is meant by Non -Alignment?

GROUP-B

QUESTION 1.
a. Discuss the principles of Liberalism. 5
b. Explain the features of socialism.   5

QUESTION 2.
a. State the characteristics of sovereignty. 5
b. Discuss the kinds of sovereignty.   5

QUESTION 3.
a. What was the causes of Cold War?   4
b. Discuss the Cold War from 1945 to 1962.   6

QUESTION 4.
a. State the impact of the decline and end of Cold War in International relations.   4
b. Explain present day political relationship between India and Russia.   6

QUESTION 5.
a. Discuss how much NAM is relevant after the end of the Cold War.   10

KRISHNAGAR ACADEMY
PHASE II EXAM
CLASS XI
SUBJECT: PSYCHOLOGY
FULL MARKS: 70

SECTION A

I.   Answer the following short questions: (20*1=20)

1. Define frustration.
2. Name the psychologist who worked with 'Nonsense Syllable' for the experiment on memory of an individual.
3. What do you mean by 'mnemonics'?
4. What is the full-form of ESP?
5. Distinguish between attention and perception.
6. What do you mean by illusion?
7. What do you mean by multiple approach-avoidance conflict?
8. What is the span of attention?
9. Explain 'Location' as an external determinant of Attention.
10. What is the role of Figure-Ground relationship in the organisation of perception?
11. Distinguish between proactive interference and retroactive interference.
12. Write the difference between Intrinsic Motivation and Extrinsic Motivation.
13. Why is 'Sleep' an important organic drive?
14. Write the difference between Primacy Effect and Recency Effect.
15. What do you mean by 'Tip of the Tongue Phenomenon'?
16. What is the role of motivation in Learning?
17. Explain 'Gregariousness' as a Social Motive of an individual.
18. Distinguish between Fluctuation and Oscillation of attention.
19. What do you mean by 'Incentive'?
20. What is a Numerical Peg?

SECTION B
II. Answer any two questions: (2*10=20)

1. Define Attention. What are the characteristics of attention? Explain any five external determinant of attention. (2+3+5)

2. Explain Atkinson-Shiffrin Model of Memory with suitable diagram. (10)

3. What is forgetting? What are the causes of forgetting? Can forgetting be avoided? (3+6+1)

SECTION C

III. Answer any three questions:

(3*10=30)

1. Critically examine Self-actualization theory of Motivation with suitable diagram. (10)

2. What are the types of Anxiety faced by an individual? How conflict leads to anxiety of an individual? (6+4)

3. What is the process of memorization? Name and explain the types of memory. (4+6)

4. What is perceptual constancy? Analyse the various forms of perceptual constancy. What is the role of past experience in perception? (2+5+3)

5. Write short notes on any two: (5+5)
   a) Alzheimer's Disease
   b) Dementia
   c) Amnesia.

_____

Krishnagar Academy

Half-Yearly Phase-II Examination(Session 2020-21)
CLASS XI
SUBJECT: Sociology

FM 70

Answer the following questions briefly(10x2)

1.Briefly explain Social Statics and Social Dynamics.
2.What is meant by the term 'vasudhaiva kutumbakam'?
3.Distinguish between primary group and secondary group.
4.How is a community different from an Association?
5.What is culture lag?
6.What is Paar System?
7.Define the term folkways.
8.Define Attitude.
9.Distinguish between mob and crowd.
10.What is Conflict?

Answer the following questions (5x10)

1.a.Explain looking glass self theory by C.H.Cooley.
b.State the nature and characteristics of mores.

2.a.Briefly describe the growth of Sociology as a discipline.
b.Discuss the process of Socialisation and personality development of an Individual.

3.a.Overpopulation is the root cause of Unemployment.Discuss.
b.Describe the different components of Culture.

4.a.Explain briefly various types of Cooperation.
b.Compare and Contrast the life of a Urban and Village Community.

5.a.Discuss the Social problem with Delinquency.
b.Explain Organismic Theory of Society.