

APRIL 2001

[KD 1409]

B.N.Y.S. DEGREE EXAMINATION.

(Old Regulations)

Second Year

Part II

Paper I -- HYDROTHERAPY AND MUDTHERAPY

Time : Three hours Maximum : 100 marks

Answer ALL questions.

Write Section A and Section B separately.

SECTION A

1. Explain the action, reaction – Incomplete reaction and thermic reaction, conditions that favour and discourage reaction with reference to hydriotic applications. (10)
2. Classify the hydriotic effects and explain sedative effects and nerve sedatives. (10)
3. Explain regulation of the body temperature and conditions that increase and decrease heat production in the body. (10)
4. Write short notes on : (4 × 5 = 20)
 - (a) Solvent properties of water
 - (b) Retrostasis
 - (c) Temperature sense
 - (d) Reflex areas of the body.

SECTION B

5. Write in detail about the hydriatic measures employed in treatment of acute and chronic bronchitis. (10)
6. Summarise the chief physiological effects of cold on the body. (10)
7. Explain the method of full wet sheet pack and its physiological, therapeutic applications. (10)
8. Write short notes on : (4 × 5 = 20)
 - (a) Cholagogic effects
 - (b) Cardiac compress
 - (c) Hydriatic heart tonics
 - (d) Antithermic effects.

NOVEMBER 2001

[KE 1409]

B.N.Y.S. DEGREE EXAMINATION.

Second Year

Part II

(Old Regulations)

Paper I — HYDROTHERAPY AND MUDTHERAPY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Write Section A and Section B separately.

SECTION A

1. Explain in detail about mudtherapy, its physiological and therapeutical applications. (10)
2. Physiological effects of heat upon the body. (10)
3. Explain in detail about heat production and heat distribution in the body and the regulation of body temperature. (10)
4. Write short notes on : (4 × 5 = 20)
 - (a) Emmenogogic effects
 - (b) Dry heat and Moist heat
 - (c) Cold bathing in infancy and early childhood
 - (d) Hot spinal bath.

SECTION B

5. Explain in detail about steam bath its physiological and therapeutic applications. (10)
6. Classify the hydriatic sedatives and Nerve sedatives. (10)
7. Write in detail about fermentation, its physiological and therapeutic effects. (10)
8. Write short notes on : (4 × 5 = 20)
 - (a) Coloclyster
 - (b) Wet girdle pack
 - (c) Autointoxication
 - (d) Goose flesh appearance.

MARCH 2002

[KG 1409]

SECOND B.N.Y.S. DEGREE EXAMINATION.

Second Year

Part II

(Old Regulations)

Paper I — HYDROTHERAPY AND MUDTHERAPY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separately.

SECTION A

1. Write about Historical highlights of Hydrotherapy.- (10)
2. Classify the properties of water. Explain in detail. (10)
3. Define a "Reflex area". Write the effect of cold on reflex areas. (10)
4. Write short notes on : (4 × 5 = 20)
 - (a) Epithem.
 - (b) Skin functions.
 - (c) Incomplete reaction.
 - (d) Modified thermic reaction.

SECTION B

5. What is "Pyrexia"? Write the anti-dotes. (10)
6. List the untoward effects of hydrotherapy. How do you manage them? (10)
7. Explain the procedure, Physiological and therapeutic effects of Turkish bath. (10)
8. Write short notes on : (4 × 5 = 20)
 - (a) Thermophore.
 - (b) Packs V/s Compresses.
 - (c) Mud bath.
 - (d) Expectorant effect.

SEPTEMBER 2002

[KH 1409]

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B.N.Y.S. DEGREE EXAMINATION.

(Old Regulations)

Part II

Paper I — HYDROTHERAPY AND MUD THERAPY

Time : Three hours

Maximum : 100 marks

Answer ALL the questions.

Write Section A and Section B separately.

SECTION A

1. Cool the abdomen why? Who has invented it and what are the different ways and means of cooling and cleaning the abdomen with the help of Hydrotherapy? (10)
2. Define reaction and explain in detail about incomplete reaction. What are the differences in between action and reaction of cold and hot water? (10)
3. How much water is to be taken orally in 24 hours why? And explain in detail about the relation of internal Hygiene and Hydrotherapy. (10)

4. Write short notes on : (4 × 5 = 20)

- (a) Hot water treatments and diabetes
- (b) Relation of fasting and water
- (c) Adverse effects of hot and cool water treatments
- (d) Proximal compress.

SECTION B

5. Write about the excretory organs of the human body in relation to health. How Hydrotherapy helps in increasing their working ability? What are the benefits of the 4th stage of full wet sheet pack when prolonged in different diseases? (10)
6. Write about different pleural diseases in which the Hydrotherapy is more useful and why cold treatments are not advisable in children and old people, including chronic diseases. (10)
7. What is non functional uterine bleeding and how it is to be treated with Hydrotherapy write in detail about vaginal irrigation. (10)

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8. Short notes on : (4 × 5 = 20)

(a) Neurological complaints and water treatments.

(b) Water drinking.

(c) Which is more useful either cold or neutral water treatments in Hypertension? Write in brief.

(d) Different colic pains and how they are to be treated with Hydrotherapy write in brief.

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Part II

Paper I — HYDROTHERAPY AND MUD THERAPY

Time : Three hours

Maximum : 100 marks

Answer ALL the questions.

Answer Sections A and B in the **SAME** Answer Book.

SECTION A

1. Define Hydrotherapy and reflex areas. Explain in detail about the way in which the hydrotherapy will be using the superficial reflex areas in getting the useful results of hydrotherapy. (10)
2. Define constipation and heat regulation in the body. How the water helps the patient to get rid off different fevers and constipation with the help of Hydrotherapy? (10)

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3. Define and explain about modified thermic radiation along with system wise differentiation of hot and cold applications of hydrotherapy over the human body. (10)

4. Short notes on : (4 × 5 = 20)

- (a) Cerebral congestion and hydrotherapy
- (b) Incomplete thermic reaction
- (c) Hydriatic heart tonics
- (d) The abdominal heating compress.

SECTION B

5. Define irrigation and give detailed explanation the way in which water irrigation into the different parts of the body is useful with examples. (10)

6. Write in detail about the water cure in hyperacidity and ulcer of stomach and duodenum with out drug therapy. (10)

7. Write about action and reaction of hot and cold applications of water over the skin, G.I.T. and Nervous system. (10)

8. Short notes on : (4 × 5 = 20)

(a) Menorrhagia, metorhagia and the place of hydrotherapy in their eradication.

(b) Artificial outlets of human body and how the water therapy is useful to get rid of them.

(c) Compare and contrast the cold and neutral applications of water in nervous diseases.

(d) Write in brief about retrostasis and colocyler in Hydrotherapy.

OCTOBER 2003

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SECTION B — (10 × 5 = 50 marks)

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Part II

Paper I — HYDROTHERAPY AND MUDTHERAPY

Time : Three hours Maximum : 100 marks

Two hours and Sec. A & Sec. B : 80 marks

forty minutes

for Sec. A and Sec. B Section C : 20 marks

Twenty minutes for Section C

Answer Sections A and B in the **SAME** Answer Book.

Answer Section C in the **SEPARATE** Answer Book.

Answer **ALL** questions.

SECTION A — (2 × 15 = 30 marks)

1. What is "Fomentation"? Explain.
2. Define "Pyrexia". Explain Antipyretic measures.

3. Why Portal system is considered separately in Hydrotherapy? Explain.

4. Compare Currie's method and Cullen's method in treating fever.

5. Explain skin structure and its functions.

6. Define "Calorimetry". Explain D'Arsonval's calorimeter.

7. What is incomplete reaction? Discuss the methods to overcome.

8. Write the method, physiological and therapeutic effects of Turkish bath.

9. Give Hydriatic prescription for (a) Asthma (b) Hypertension.

10. Define "Douche". Write about horizontal Jet.

11. Explain the effect of cold on Nervous system and hot on Muscular system.

12. What is Irrigation? Explain dual effect of irrigation.

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Part II

Paper I — HYDROTHERAPY AND MUDTHERAPY

Time : Three hours

Maximum : 100 marks

**Sec. A & B. : Two hours and
forty minutes**

Sec. A & B : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

SECTION A

Essay Questions :

(2 × 15 = 30)

- 1. Define Hydrotherapy. Write in detail about the differences of medicinal sedatives and hydrotherapeutic sedatives. Write in brief about the indications and contra indications of cold applications.**
- 2. Write in detail about Hip bath and Kutney's Sitz bath along with their indications and contra indications.**

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SECTION B

Short notes.

(10 × 5 = 50)

3. "Give the fever I can cure any disease" how and write briefly about the place of water in curing fibrile disorders.
4. Define incomplete reaction and write the changes to be made in the treatment of Hydrotherapy to get complete reaction.
5. "Prevention is better than cure" and how the hydrotherapy is useful in the prevention of a disease?
6. Why hot treatments are not to be given frequently in Diabetes Mellitus. Write in detail.
7. Byuhaeme the spinal bath is invented and how it is useful in curing different diseases. What are they?
8. Define coloclyster or high enema and how it is more useful when compared with other postures of enema.
9. What is brand bath and how it is more useful in reducing fevers? How it helps in reducing the rate of casuality by fevers?
10. Hot blanket pack indications and contra indications.

11. Why 4 to 6 liters of water is to be drunk in 24 hours? Write in brief about its indications and contra indications.

12. Exercise and steambath which is more useful? Why? Write in brief about the contra indications of steam bath.

AUGUST 2004

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SECTION B

(10 × 5 = 50)

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Second Year

Part II

Paper I — HYDROTHERAPY AND MUDTHERAPY

Time : Three hours

Maximum : 100 marks

Sec. A & B : Two hours and

Sec. A & B : 80 marks

forty minutes

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Answer Sections A and B in SAME Answer Book.

SECTION A

(2 × 15 = 30)

Write essays on :

- 1. Classify the hydriatic effects and specify the effects of revulsive reaction on circulatory system.**
- 2. Antithermic and antipyretic effects in relation to body temperature regulation.**

- 3. Pressure effects of water.**
- 4. Importance of graduated bath.**
- 5. Types of paulties — its effects.**
- 6. Explain Hot soil bath.**
- 7. Restorative effect — its therapeutic implications.**
- 8. Proximal Compress — its relevance in changes in distal vessels.**
- 9. Cullies.**
- 10. John Wesley.**
- 11. Dry Abdominal bandage.**
- 12. Calorific effects.**

FEBRUARY 2005

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Second Year

Part II

Paper I — HYDROTHERAPY AND MUDTHERAPY

Time : Three hours

Maximum : 100 marks

**Sec. A & B : Two hours and
forty minutes**

Sec. A & B : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Answer Sections A and B in the SAME Answer Book.

SECTION A — (2 × 15 = 30 marks)

Essay Questions :

- 1. Classify Hydriatic effects. Write in detail about Primary Excitants.**
- 2. Define Antipyretic effects, mention the principles that govern antipyretic measures and use of water for the same.**

SECTION B — (10 × 5 = 50 marks)

Short notes on :

- 3. Define Reaction, its types with modifications.**
- 4. Define Reflex effects, reflex areas and effect of cold over reflex areas.**
- 5. Explain about tonic effects in Hydrotherapy and its advantage over medicinal tonics.**
- 6. Mention hydriatic measures for haemostasis, Uterine excitation and Vesical excitation.**
- 7. Role of water as best Resolvent and Diuretic.**
- 8. Procedure of Graduated Baths its advantage over other baths.**
- 9. Procedure, therapeutic effects and contraindications of steam bath.**
- 10. Technique of mud application, selection of mud, its precautions and physiological effects.**
- 11. Mention different poultice with its effects.**
- 12. Chest pack — its types and its therapeutic applications.**

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Second Year

Part II

Paper I — HYDROTHERAPY AND MUDTHERAPY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Long Essay : (2 × 15 = 30)

1. Anatomy of skin, its physiological functions with regulation its importance while applying different hydriatic measures.
2. General principles of Mud therapy — its physiological effects, different modes of application with general therapeutic applications.

II. Short notes : (10 × 5 = 50)

1. Sketch different reflex areas — its importance in localised hydriatic applications.
2. "Cold is a physiological Tonic" — Justify.
3. Explain in detail sudorific effects. Mention the physiological and therapeutic effects of Hot air bath.
4. Classify sedative effects. Brief about circulatory Sedatives.
5. Mention the general principles and precautions governing the application of Antipyretic measures.
6. What do you mean by "Fluxion"? Explain few measures in producing Reclusive effects.
7. Cold plunge — its advantages and disadvantages with its physiological effects.
8. Hydriatic management for primary obesity.
9. Principles of management of Bright's disease by using water therapy.
10. Physiological effects of fomentation and its therapeutic application.

AUGUST 2006

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Second Year

Part II

Paper I — HYDROTHERAPY AND MUDTHERAPY

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay Questions :

1. Define Hydrotherapy. Write in detail about the chief physiological effects of cold on different system.

(20)

2. Classify the hydratic effects. Explain sedative effects and nerve sedatives.

(5 + 3 + 7)

3. Write in detail about Hip bath and Kutney's Sitz bath along with their indications and contraindications.

(15)

II. Short notes :

(6 × 5 = 30)

1. Chest pack types, method, indications and contra indications.

2. Write about the works done by Dr. Lockette and Cullen in Hydrotherapy.

3. Explain the conditions which increase and decrease Heat production in our body.

4. Brand bath physiological and therapy effects.

5. Menorrhagia, meterrhagia and the place of hydrotherapy in their eradication.

6. Write briefly about Graduated bath.

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B.N.Y.S. DEGREE EXAMINATION.

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Second Year

Part II

Paper I — HYDROTHERAPY AND MUDTHERAPY

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Long Essay : (2 × 15 = 30)

1. Define Hydrotherapy. Explain physiological effects of hot and cold upon circulation and nervous system.

2. What is "IRRIGATION"? Explain.

II. Write short notes : (10 × 5 = 50)

1. Heat regulation.

2. Mud therapy.

3. Calorimetry.

4. Circulatory and Thermic reactions.

5. Turkish bath.

6. Hydratic management of Gastric disorders.

7. Primary excitant effect.

8. Colon flushing.

9. Full wet sheet pack.

10. Tonic agent.