

FEBRUARY 2008

[KS 1524]

Sub. Code : 1524

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Fourth Year

Paper II — HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

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 Enema? Write in detail about types, physiological and therapeutic effects.
2. Classify the Hydriatic effects? Explain in detail about sedative effects.

II. Short notes : (10 × 5 = 50)

1. The superficial reflex areas relation to the spinal centres.
2. Conditions that increase and decrease the heat production.

3. The effects of cold upon the skin and Nervous system.

4. Summarize the primary and secondary effects of short cold application.

5. The cold bath for woman and old age.

6. The Scotch Douche.

7. Indications and contra indications of mud bath.

8. Full wet sheet pack indications and contra indications.

9. The Hot and Cold Gastro-Hepatic compress.

10. Conditions that Favor Reaction.

August 2008

[KT 1524]

Sub. Code : 1524

B.N.Y.S DEGREE EXAMINATION.

(New Regulations)

Fourth Year

Paper II — HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Long Essay : (2 × 15 = 30)

1. Explain in detail about the steam bath.
2. Explain in detail about the secondary excitant effects.

II. Short notes : (10 × 5 = 50)

1. Circulatory system according to hydrotherapy.
2. Condition that increase and decrease the secretion of sweat.
3. The tactile and temperature sense.
4. The vasomotor centres related to hydrotherapy.
5. Physiological effects of cold upon skin and respiration.

6. Different reflex areas related to hydrotherapy.
7. Indications and contra indications of immersion bath.
8. Classification of mud bath and its therapeutic uses.
9. Emergency treatments in hydrotherapy.
10. Write about the various types of poultice.

III. Write short answers : (10 × 2 = 20)

1. Define Russian bath.
2. Haemostatic.
3. Two indications for neutral spinal bath.
4. Gastro-hepatic compress.
5. Goose flesh appearance.
6. Analgesic effect.
7. Two best hydrothermic treatments for constipation.
8. Colon flushing.
9. Currie and Jackson.
10. Emmenogogic.

[KU 1524]

Sub. Code : 1524

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Fourth Year

Paper II — HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

- I. Long Essay : (2 × 15 = 30)
1. Define hydratic effects, classify the hydratic effect, explain in detail about revulsive effect.
 2. Explain in detail about physiological basic of hydro therapy.
- II. Short notes : (10 × 5 = 50)
1. Scotch douche.
 2. Wetsheet pack.
 3. Graduated baths and its benefits.
 4. Types of poultice.
 5. Joint compress and its importance.

6. What are all the effect of hot up on muscular system?

7. Define pool therapy, write about simple exercise in warm water.

8. Fever and its management in hydrotherapy.

9. Epsom salt and the therapeutical benefits.

10. Cold bath in old age.

III. Short Answers : (10 × 2 = 20)

1. Define : Packs.

2. Hydratic treatment for "Diabetes Melitus".

3. What you mean by "shivering"?

4. Contra indication of mud bath.

5. Define : Antipyretic effect.

6. How to manage "muscular fatigue" with hydro treatments?

7. Head ache and hydro therapy treatments.

8. Examples of untoward effect of hydro therapy.

9. Types of Irrigation.

10. Define action and reaction.

August - 2009

[KV 1524]

Sub. Code : 1524

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Fourth Year

Paper II — HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Long Essay : (2 × 15 = 30)

1. Define mud bath? Explain about preparation, application, physiological effects, types, indication and contra indication.

2. Explain about various types of douches.

II. Short notes : (10 × 5 = 50)

1. Emergency Treatments in Hydrotherapy.

2. Graduated Enema.

3. Proximal and Revulsive compress.
 4. Fermentation and its effects.
 5. Steam bath.
 6. Anti thermic and Anti pyretic effects.
 7. General rules of Hydrotherapy.
 8. Conditions that encourage and discourage reaction.
 9. Reflex Areas of the body related to Hydrotherapy.
 10. Place of water in Acute diseases.
 7. Immersion Bath.
 8. Russian bath.
 9. Rational Hydrotherapy.
 10. Two best Hydrotherapy prescription for Insomnia.
-

III. Write short answers : (10 × 2 = 20)

1. Vasomotor and Secretory Nerves.
2. Incomplete Reaction.
3. Emmenagogic.
4. Calorific.
5. Bright's Disease.
6. Hysteria.

February 2010

[KW 1524]

Sub. Code: 1524

B.N.Y.S DEGREE EXAMINATION.

(New Regulations)

Fourth Year

Paper II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time : Three hours

Maximum : 100 marks

Note :

- (i) Draw neat diagram wherever necessary.**
- (ii) Answer ALL questions.**

I. Long Essay :

(2 x 15 = 30)

1. Define Reflexes. Explain in detail about various reflex areas, mention about clinical importance of Reflex areas.
2. Define Pool therapy, and write about various Therapeutic exercises in water and its precautions.

II. Short Essay:

(10 x 5 = 50)

1. Effect of cold up on Muscular system.
2. Expectorant effect.
3. Write about small history of Hydrotherapy.
4. Mustard fomentation.
5. Write a note on Poultice.
6. Types of chest pack and its benefits.
7. Full mud bath.
8. Importance of water drinking.
9. Hydratic treatment for “Asthma”
10. “Whirl Pool Bath”.

III. Short Answers:

(10 x 2 = 20)

1. Procedure for elimination of toxins through Hydro therapy.
 2. Wincent Presnitz.
 3. Types of irrigation.
 4. Define Bath.
 5. Which one is the best treatment for “INSOMNIA”?
 6. Contra induction of HIP bath.
 7. Define Compress.
 8. Define fever and the treatment in Hydro therapy.
 9. Hydratic management for “Uterine Bleeding”.
 10. Contra induction of Douche therapy.
-

August 2010

[KX 1524]

Sub. Code: 1524

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Fourth Year

Paper II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about Heat regulation. Conditions that increase and decrease heat production in the body.
2. Explain in detail about Colon Flushing – Enema.

II. Short Notes:

(10 x 5 = 50)

1. Conditions that encourage and discourage reaction.
2. Physiological effects of cold upon Nervous system.
3. Briefly explain the reaction effects.
4. Tonic and atonic effects upon different systems – Differentiate.
5. Short notes on revulsive douche.
6. Pool therapy.
7. Write a note on fomentation.
8. Stages of wet sheet pack.
9. Hot Foot Bath.
10. Precautions for storing mud.

III. Short Answers:

(10 x 2 = 20)

1. Vaso motor and secretory Nerves.
 2. Incomplete Reaction.
 3. Dermographism.
 4. Cold water vs Medicinal Tonics.
 5. Goose flesh appearance.
 6. The Surge bath.
 7. Vaginal Irrigation.
 8. The cotton poultice.
 9. Hydrotherapy for chronic Rheumatism.
 10. Renal pack.
-

February 2011

[KY 1524]

Sub. Code : 1524

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Fourth Year

Paper II — HYDROTHERAPY AND CLAY THERAPY

Q. P. Code : 821524

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Essay questions : (2 × 15 = 30)

1. Classify hydriatic effects. Write briefly on each one of them.
2. Explain chest pack and its varieties. Write indications and contra-indications.

II. Short notes : (10 × 5 = 50)

1. Physiological effects of cold on circulatory and nervous system.
2. Turkish bath
3. Hot fomentation.
4. Coloclyster.
5. Poultice.
6. Horizontal jet.
7. Graduated bath.
8. Vesicular irrigation or bladder Irrigation.
9. General principles of hydrotherapy.
10. Cardiac tonics.

III. Short Answers : (10 × 2 = 20)

1. Retentive enema.
2. Hot water drinking.
3. Cold bath in Infancy.

4. Hydriatic incompatibility.
 5. Fan douche.
 6. Goose-flesh appearance.
 7. Dry friction.
 8. Local vapour bath.
 9. Alkaline bath.
 10. Conditions that encourage the reaction.
-

August 2011

[KZ 1524]

Sub. Code: 1524

B.N.Y.S. DEGREE EXAMINATION.

Fourth Year

Paper II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Essay questions:

(2X15=30)

1. Write the method, physiological effects and therapeutic effects of full wet-sheet-pack. How to continue each stage?
2. Explain Propylactic measures in Hydrotherapy.

II. Short Notes:

(10X5=50)

1. Classification of Temperature.
2. Full mud bath.
3. Ascending douche and Plantar douche.
4. Hot air bath.
5. Brand bath.
6. Graduated Enema.
7. Cold plunge.
8. Thermic Sedatives.
9. Hydriatic management of (a) Menorrhagia (b) Dysmenorrhoea.
10. Shallow bath.

III. Short Answer:

(10X2=20)

1. Ablution.
2. Antiphlogistic measures.
3. Emergency treatments in hydrotherapy.
4. Revulsive effect.
5. Throat Irrigation.
6. Contra-indications of profuse water drinking.
7. Shivering.
8. Filiform douche.
9. Thermopore.
10. Proximal compress.

February 2012

[LA 1524]

Sub. Code: 1524

B.N.Y.S. DEGREE EXAMINATION.

FOURTH YEAR

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code: 821524

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on: (2 x 15 = 30)

1. Write in detail the different hydriatic measures as general and local sedatives.
2. Elaborate the physiological basis of Hydrotherapy

II. Write notes on: (10 x 5 = 50)

1. Cold Plunge
2. Fomentation – its method, physiological effect and therapeutic application
3. Importance of water drinking
4. Role of water as Resolvent and Diuretic
5. Hydriatic management for Diabetes Mellitus
6. Brief the types of chest pack and its therapeutic application
7. Write the properties of mud, its methods of application and contra-indication
8. Cold bath for women
9. Circular douche
10. Define reaction, its types with modifications.

III. Short Answers (10 x 2 = 20)

1. Rain douche
2. List the superficial reflex areas
3. Chronic disease
4. Thermal bath
5. Emanogogic effects
6. Mustard formentation
7. D' Arsonval's Calorimeter
8. Compress
9. Classification of temperature
10. Vesical excitation

[LB 1524]

Sub. Code: 1524

FOURTH YEAR B.N.Y.S. DEGREE EXAM – AUGUST 2012

Paper – II HYDROTHERAPY AND CLAY THERAPY

Q.P. Code: 821524

Time: 180 Minutes

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

1. Graduated bath, physiological effects, therapeutic applications.

16 25 15

2. Importance of water on Human body and its therapeutic uses.

16 25 15

II. Short notes on:

1. Rectal irrigation.

3 8 5

2. Physiological effect of Heat on respiratory system.

3 8 5

3. Hip bath.

3 8 5

4. Hydrotherapy for constipation.

3 8 5

5. Define reaction and explain incomplete reaction.

3 8 5

6. Hot spinal bath.

3 8 5

7. Hydrotherapy for Psoriasis.

3 8 5

8. Therapeutic effects of Hot water.

3 8 5

9. Full Mud bath.

3 8 5

10. Physiological effects of heat on muscular system.

3 8 5

III. Short Answers on:

1. Cold bath in old age.

1 5 2

2. Arm bath.

1 5 2

3. Hot water bag.

1 5 2

4. Ice pack.

1 5 2

5. Jet bath.

1 5 2

6. Exercise after cold treatments.

1 5 2

7. Effects of steam bath.

1 5 2

8. Sitz bath.

1 5 2

9. Treatments of rheumatoid arthritis.

1 5 2

10. Hot mud pack.

1 5 2

FOURTH YEAR B.N.Y.S. DEGREE EXAM - FEBRUARY 2013

PAPER II - HYDROTHERAPY AND CLAY THERAPY

Q.P. CODE: 821524

Time: Three Hours

Maximum Marks: 100

ANSWER ALL QUESTIONS

I. ESSAY QUESTIONS:

2 X 15= 30

1. Explain in detail about the secondary excitant effects of Hydriatic applications
2. Define hip bath. Explain in detail.

II. SHORT NOTES:

10 X 5= 50

1. Special skin areas in reflex relation with the internal viscera
2. The physiological effects of hot upon skin and respiration
3. Conditions that decrease the heat production
4. Heat regulation
5. Mud bath
6. Hydrotherapy for obesity and bronchial asthma
7. Alternative compress
8. Classification of temperature.
9. Russian bath.
10. Chest pack

III. SHORT ANSWERS

10 X 2= 20

1. Calorific effects
2. Whirlpool bath
3. Fan douche.
4. Poultice.
5. Gastro-hepatic pack.
6. Brights disease.
7. Turkish bath.
8. Hot water drinking.
9. Tonic effect.
10. Brand bath.

[LD 1524]

Sub. Code: 1524

FOURTH YEAR B.N.Y.S. DEGREE EXAM - AUGUST 2013

PAPER II - HYDROTHERAPY AND CLAY THERAPY

Q.P. CODE: 821524

Time: Three Hours

Maximum Marks: 100

ANSWER ALL QUESTIONS

I. ESSAY QUESTIONS:

2 X 15= 30

1. Define Douche. Explain in detail about jet bath and alternate douche.
2. Define steam bath. Explain in detail.

II. SHORT NOTES:

10 X 5= 50

1. Mud bath
2. Wet sheet pack
3. Sedative effect on the nervous system
4. The cold bath in anaemia
5. The physiological effects of heat upon the blood and nutrition.
6. Heat regulation
7. Cold bath in infancy and child
8. The fomentation
9. The graduated enema
10. Hydrotherapy for Diabetes mellitus and hypertension.

III. SHORT ANSWERS

10 X 2= 20

1. Coloclyster
2. The sand bath
3. Reaction
4. Hemostatic
5. Emmenagogic effects
6. Sudorific effects
7. The scotch douche
8. Superficial reflex
9. Fever
10. Thermogenic centers

FOURTH YEAR B.N.Y.S. DEGREE EXAM
PAPER II – HYDROTHERAPY & CLAY THERAPY
Q.P. Code : 821524

Time: Three hours

Maximum : 100 Marks

Answer All questions

I. Essays Questions: **(2 X 15 = 30)**

1. Define enema. Explain in detail about procedure, position, indication and contra Indication
2. Physiological effects of cold upon the blood, muscles, skin, circulation and respiration

II. Short Notes: **(10 X 5 = 50)**

1. Mud bath
2. Sedative effects of Hydriatic application
3. General rules of hydrotherapy
4. The reflex areas related to internal organs
5. Scientific hydrotherapy
6. Precautions for storing mud
7. Hydrotherapy for chronic rheumatism and bronchial asthma
8. Conditions under which depression of body temperature may occur
9. Full wet sheet pack
10. Conditions that encourage the reaction

III. Short Answers: **(10 X 2 = 20)**

1. Rational hydrotherapy
2. Colon irrigation
3. Reaction
4. Hippocrates
5. Haemostatic agents.
6. Medical thermometry
7. The tactile sense
8. Vasomotor centers
9. Douche
10. Proximal compress

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER II – HYDROTHERAPY & CLAY THERAPY

Q.P. Code : 821524

Time: Three hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: (2 X 15 = 30)

1. Explain the Physiological Basis of Hydrotherapy.
2. Elaborate in detail about the effect of Cold upon Skin, Circulation, Respiration, Digestion, Muscles.

II. Short Notes: (10 X 5 = 50)

1. Therapeutic importance of Water Drinking.
2. Mud Bath – Method, Physiological Effect, Indications and Contra Indications.
3. Heat Production.
4. Hydriatic prescription for Bronchial Asthma.
5. Hydrotherapy in Chronic Disease.
6. Cold Water Vs Medicinal Tonics.
7. Enema.
8. Anti Thermic & Anti Pyretic effect.
9. Turkish Bath.
10. Write a note on Sedative effect upon Circulatory system.

III. Short Answers: (10 X 2 = 20)

1. J.H.Kellog.
2. Poultice.
3. Hydriatic prescription for Obesity.
4. Contra Indications for cold application.
5. Anti phlogesic.
6. Cosmetic uses of Mud.
7. Thermopore.
8. Incomplete reaction.
9. Cullen.
10. Indication of Brand Bath.

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essays Questions: **(2 x 15 = 30)**

1. Indications and Contra indications of Various Water Treatments and write on secondary excitant effects of Hydriatic application.
2. Define steam bath and hip bath. Explain in detail about all the types of Hip Bath and Spinal Bath

II. Write Notes on: **(10 x 5 = 50)**

1. Hydriatic prescription to obesity and Lumbar spondylosis.
2. Immersion bath.
3. Emergency treatments in hydrotherapy.
4. Heat regulation.
5. Hot chest pack.
6. Special skin area in reflex.
7. Conditions that control the secretion of sweat.
8. Classification of temperature.
9. The effect of cold upon the secretion, muscles and digestion.
10. The cold baths for infancy and children.

III. Short Answers on: **(10 x 2 = 20)**

1. Gastro Hepatic Pack.
2. Dermographism.
3. Pool therapy.
4. Brand bath.
5. Leg pack.
6. Incomplete reaction.
7. Colon flushing.
8. Sauna bath.
9. Currie and Jackson .
10. Water drinking .

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Essay Questions:

(2 x 15 = 30)

1. Classify the Hydriatic effects. Explain in detail about the Excitant effects.
2. Describe in detail about Chest Pack – Types, Procedure and Therapeutic applications.

II. Write notes on:

(10 x 5 = 50)

1. Contributions of Currie and Jackson.
2. Write a note on Heat Regulation.
3. Physiological Effect of Cold on Respiration and Circulation.
4. Full Wet Sheet Pack.
5. Therapeutic importance of Pool Therapy.
6. Action and Reaction of Hot.
7. Hydriatic prescription for Diabetes Mellitus.
8. Brief the condition that favour and discourage Reaction.
9. Scotch Douche.
10. Types of Mud used for Clinical application.

III. Short answers on:

(10 x 2 = 20)

1. Retrostasis.
2. Revulsive.
3. Fever.
4. Mustard Fomentation.
5. Calorimetry.
6. Anal Douche.
7. Second Reaction.
8. Classify the Temperatures.
9. Contra Indications of Mud Pack.
10. Indications of Hot and Cold Renal Compress.

[LI 1524]

APRIL 2016

Sub.Code :1524

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Write in detail about the different hydrotherapeutic measures as general and local sedatives.
2. Write a note on Douches. a) Scotch Douche b) Articular Douche
 c) Filiform Douche d) Fog Douche e) Revulsive Douche.

II. Write Notes on:

(10 x 5 = 50)

1. Heat Regulation.
2. Hydrotherapeutic management for Hypertension.
3. Effect of Cold on Skin and Nervous System.
4. Brief the therapeutic importance of Pool Therapy.
5. Define reaction, its types with modifications.
6. Contraindications of Mud therapy.
7. Explain the Tonic effect of Cold.
8. Write about the properties of mud, its methods of application and contra-indication.
9. Effect of Hot and Cold over Reflex areas.
10. Importance of water to human body.

III. Short Answers on:

(10 x 2 = 20)

1. Define Retrostasis.
2. Incomplete Reaction.
3. Enlist Primary Excitant Effect.
4. Precautions for storing mud.
5. Tonic enema.
6. Mustard fomentation.
7. D' Arsonval's Calorimeter.
8. Whirlpool bath
9. Magnesium Sulphate.
10. Coloclyster.

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code: 821524

Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. Essay Questions:

(2 x 15 = 30)

1. Write in detail about the Physiological Effect of Hot upon the body.
2. Define Hydriatic effects and its classification and explain in detail about the Revulsive effect and Derivative effect.

II. Write Notes on:

(10 x 5 = 50)

1. Chest Pack – its types, indications and contraindications.
2. Write a note on importance of water in Acute disease.
3. Write a note on the measures that increases heat production.
4. Hydrotherapy for Medical Emergency.
5. Mud bath – procedure and its effects.
6. Write a note on Action and Reaction of Cold.
7. Hydriatic management of Insomnia and Bronchitis.
8. Russian Bath – Method, Precaution, Indications and Contra Indications.
9. Graduated Enema.
10. Horizontal Jet.

III. Short Answers on:

(10 x 2 = 20)

1. Goose Flesh Appearance.
2. Hydriatic Incompatibility.
3. Brand Bath.
4. Thermogenic Centers.
5. Brights Disease.
6. Hemostatic Effect.
7. Medical Thermometer.
8. Proximal Compress.
9. Rational Hydrotherapy.
10. Anti Thermic Effect.

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Define hydriatic effects, classify the hydriatic effects, explain in detail about sedative effects.
2. Explain the physiological effects and mechanism of action of hot upon the muscular system, vascular system, respiratory system and nervous system.

II. Write Notes on:

(10 x 5 = 50)

1. Types and physiological effects of mud application.
2. Hydrotherapy for anaemia.
3. Explain Russian bath and its physiological effects.
4. Hydriatic effects of hot applications.
5. Hydrotherapy for psoriasis.
6. Methods of fomentation, physiological effects and therapeutic applications.
7. Importance of water drinking.
8. General principles of hydrotherapy.
9. Effects of Whirlpool bath.
10. Effects of hot air bath.

III. Short Answers on:

(10 x 2 = 20)

1. Explain tactile sense.
2. Define compress.
3. Types of irrigation.
4. Indications of hip bath.
5. Hydrotherapy treatment for fever.
6. Define emmenagogue effect.
7. Hydrotherapy treatment for insomnia.
8. Effects of renal packs.
9. Write the Physiology of gooseflesh appearance.
10. Define analgesic effects.

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain physiological effects and mechanism of action of cold upon the muscles, blood vessels, respiration and nervous system.
2. Define enema? Write in detail about type, physiological and therapeutic effects.

II. Write Notes on:

(10 x 5 = 50)

1. Emergency treatments in hydrotherapy with its mechanism.
2. Effects of cold on circulation and central nervous system.
3. Types of mud used for clinical application and its effects.
4. Physiological effects of heat on respiratory system.
5. Types of chest pack and its therapeutic application.
6. Hydrotherapy for diabetes mellitus and Insomnia.
7. Effect of hot and cold over reflex areas.
8. Effect of hydrotherapy in acute diseases.
9. Effect of proximal and revulsive compress.
10. Effect of wet sheet pack.

III. Short Answers on:

(10 x 2 = 20)

1. Physiological effects of brand bath.
2. Therapeutic effect of anal douche.
3. Contraindications of mud pack.
4. Effects of ice pack.
5. Indications of cold spinal bath.
6. Physiological effect of douche.
7. Define revulsive effect.
8. Antiphlogistic effect.
9. Hot water drinking.
10. Name the vasomotor centers.

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about heat regulation, Condition that increase and decrease heat production in the body. Add a note on thermogenic centres.
2. Explain in detail about the secondary excitant effects of hydriatic application.

II. Write Notes on:

(10 x 5 = 50)

1. Effects of immersion bath.
2. Superficial reflex areas in relation with spinal centres.
3. Explain various types of poultice.
4. Vasomotor centres related to hydrotherapy.
5. Types of enema and their physiological effects.
6. Effect of hydrotherapy in chronic rheumatism.
7. Explain gastrohepatic pack and its effects.
8. Heat regulation.
9. Effects of Hot mud bath.
10. Classification of temperature and their effects.

III. Short Answers on:

(10 x 2 = 20)

1. Explain hemostatic effect.
2. Define action and reaction.
3. Soporific effects.
4. Precautions for storing mud.
5. Therapeutic uses of Epsom salt.
6. Uses of hot water bag.
7. Therapeutic uses of leg pack.
8. Effects of sauna bath.
9. Vesical excitation.
10. Define tonic effects.

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain the Physiological Basis of Hydrotherapy.
2. Effects of Cold upon Skin, Circulation, Respiration, General Physiological and Digestive system.

II. Write Notes on:

(10 x 5 = 50)

1. Difference between Steam and Sauna bath.
2. Mud Bath –Physiological Effect, Indications and Contra Indications.
3. Heat Production.
4. Hydriatic prescription for Bronchial Asthma.
5. Hydrotherapy in Chronic Disease.
6. Cold Water Vs Hot water.
7. Graduated Enema.
8. Anti Thermic and Anti Pyretic effects of hydrotherapy.
9. Turkish Bath.
10. Write a note on Sedative effect upon Circulatory system.

III. Short Answers on:

(10 x 2 = 20)

1. J.H. Kellog.
2. Difference between poultice and compress.
3. Hydriatic prescription for Obesity.
4. Contra Indications for cold application.
5. Antiphlogistic.
6. Cosmetic uses of Mud.
7. Thermopore.
8. Types of reaction.
9. Cullens theory.
10. Indication of Brand Bath.

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: (2 x 15 = 30)

1. Explain in detail about the classification of hydriatic effects and add a note on secondary excitant effect.
2. a) Define enema. Write in detail about its types and classification of enema.
b) Short about Neem water enema.

II. Write Notes on: (10 x 5 = 50)

1. Write the importance of water drinking.
2. Write about restorative effect.
3. Define reaction. Write about its types.
4. Explain about the effect of cold upon skin.
5. Summaries the physical and chemical properties of water.
6. Write the procedure for brand bath.
7. Write the contraindication and precaution of wet sheet pack.
8. Explain about cold hip bath with friction.
9. Explain about the application of cold bath to women and old age.
10. Explain scotch douche.

III. Short Answers on: (10 x 2 = 20)

1. Analgesic effect.
2. Any two hydriatic prescription for hypertension.
3. Define hydrotherapy.
4. Any two uses of mud therapy.
5. Vincent priessnitz.
6. Formula for conversion of Celsius to Fahrenheit.
7. Define compress.
8. Any two precautions of steam bath.
9. Any two differences between action and reaction.
10. Hydrotherapy in America.

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. Write in detail about the physiological effects of hot upon the body.
2. Write the classification of hydriatic effects and explain in detail about the primary excitant effects.

II. Write Notes on: **(10 x 5 = 50)**

1. Cold plunge bath.
2. Graduated enema.
3. Therapeutic importance of pool therapy.
4. Classification of temperature.
5. Untoward effects of hydrotherapy.
6. Chest pack, its types and indication.
7. Water drinking.
8. Poultice and its types.
9. Superficial reflexes.
10. Heat production.

III. Short Answers on: **(10 x 2 = 20)**

1. Define thermopore.
2. Incomplete reaction.
3. J.H. Kellog.
4. Hydriatic prescription for asthma.
5. Precautions for mud bath.
6. Define retrostasis.
7. Indication for Epsom salt.
8. Antipyretic effect.
9. Types of mud.
10. Define douches and mention four types.

[LN 1524]

AUGUST 2018

Sub. Code: 1524

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: (2 x 15 = 30)

1. Write about the general rules and principles related to hydrotherapy.
2. Explain in detail about full wet sheet pack.

II. Write Notes on: (10 x 5 = 50)

1. Gastro hepatic pack---indications and contraindication.
2. Physiological effects of cold on respiratory and nervous system.
3. Hydriatic prescription for typhoid fever.
4. Write about antithermic and antipyretic effects.
5. Full immersion bath.
6. Effect of hot and cold upon reflex areas.
7. Mud bath—procedure, preparation and effects.
8. Turkish bath.
9. Scotch douche.
10. Poultice---uses, physiological effects and contraindications.

III. Short Answers on: (10 x 2 = 20)

1. Tonic effects.
2. Cold spinal bath.
3. Magnesium sulphate.
4. Size of mud pack for adult and its uses.
5. Hydriatic prescription for obesity.
6. Sedative baths.
7. Cullens theory.
8. Superficial reflex areas.
9. Untoward effects of hydrotherapy.
10. Heart tonics.

[LO 1524]

MAY 2019

Sub. Code: 1524

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain the physiological effects of cold and neutral upon the circulatory, skin and respiratory system.
2. Write the classification of hydriatic effects and explain in detail about the secondary excitant effects.

II. Write Notes on:

(10 x 5 = 50)

1. Types of enema and its physiological effects.
2. Hydriatic measures that increase and decrease the secretion of sweat.
3. Mechanism of heat regulation.
4. Effects of thermal mud bath.
5. Russian bath.
6. Revulsive douche.
7. Renal pack, its indication and physiological effects.
8. Hydriatic prescription for viral fever.
9. Benefits of cold bath for infants and adults.
10. Wet sheet pack.

III. Short Answers on:

(10 x 2 = 20)

1. Haemostatic effect.
2. Mustard poultice.
3. Rational hydrotherapy.
4. Effect of steam bath.
5. Define reaction and its types.
6. Cosmetic uses of mud.
7. Formula for conversion of Celsius to Fahrenheit.
8. Calorimeter and its uses.
9. The internal temperature of brain, liver and rectum.
10. Uses of magnesium sulphate in Hydrotherapy.

[LP 1524]

OCTOBER 2019

Sub. Code: 1524

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about Hydriatic prescription.
2. Describe in detail about Fever and its management through hydrotherapy.

II. Write Notes on:

(10 x 5 = 50)

1. Explain about irrigation and its types.
2. Define Sitz bath and its uses.
3. Write about sweating baths.
4. Write in detail about heat regulation.
5. Explain in detail about effects of cold application over respiratory system.
6. Define incomplete reaction and its management.
7. Write down the conditions which increase heat production.
8. Explain chest pack and its types.
9. Write in detail about renal pack.
10. Explain in detail about emmenagogic effects.

III. Short Answers on:

(10 x 2 = 20)

1. Describe heating compress.
2. Explain about cold mitten friction.
3. Define Fan douche.
4. Write about sponge bath.
5. Define joint compress.
6. Write about Scotch douche.
7. Explain affusion.
8. Write about indications of epsom salt bath.
9. Write about antipyretic effects.
10. Define incomplete reaction.

[LQ 1524]

FEBRUARY 2020

Sub. Code: 1524

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain prophylactic measures in Hydrotherapy.
2. Define steam bath. Explain in detail about the precautions and its limitations.

II. Write Notes on:

(10 x 5 = 50)

1. Physical and chemical properties of water.
2. Write a note on importance of water in Acute disease.
3. Superficial reflex areas in relation with spinal centers.
4. Explain about the application of cold bath to women and old age.
5. Explain scotch douche.
6. Hydriatic prescription for Rheumatoid Arthritis.
7. Russian Bath – Method, Precaution, Indications and Contra Indications.
8. Hot baths in brights diseases.
9. Classification of mud and its contents of minerals.
10. Hydratic treatment for – Asthma.

III. Short Answers on:

(10 x 2 = 20)

1. Wincent Presnitz.
2. Dry pack.
3. Types of irrigation.
4. Define Aeration Bath.
5. Precautions of storing mud.
6. Dermographism.
7. Contributions of Currie and Jackson.
8. Alkaline bath.
9. Dangers of pool therapy.
10. Leg pack.

[LQ 1524]

DECEMBER 2020

Sub. Code: 1524

(MAY & AUGUST 2020 SESSION)

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about Colon Irrigation and its Physiological effects.
2. Write in details about Obesity management through Hydrotherapy and Mud Therapy with its mechanism.

II. Write Notes on:

(10 x 5 = 50)

1. Explain about the Physical Properties of Water.
2. Hydratic Measures That Combat Bacterial Development of Blood.
3. Write about Spinal Bath.
4. Write in Details about Temperature Classification.
5. Explain in Detail about Reflex Effects of Cold Application.
6. Write the Procedures that Increase Oxidation.
7. Sweating Pack Procedure and its Effects.
8. Cosmetic Uses of Mud and its Mechanism.
9. Explain Docuiches and its Classification.
10. Write the Therapeutic actions of local Haemostatic effects – Hydratric Heart Tonics.

III. Short Answers on:

(10 x 2 = 20)

1. Write About Secretory Nerves.
2. Explain About Tactile Sense.
3. Define Action.
4. Define Specific Heat.
5. Define Poultice.
6. Contra Indications of Cold Plunge.
7. Explain Graduated Enema.
8. Explain Precordial Compress.
9. Write About Indications of Cold Water Enema.
10. Wet Girdle Pack.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BNYS 1021]

OCTOBER 2021

Sub. Code: 1524

(OCTOBER 2020 / FEBRUARY 2021 / MAY 2021 SESSIONS)

B.N.Y.S. DEGREE EXAMINATION

FOURTH YEAR

(For the candidates admitted from the academic year 2013-14)

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Write a brief history of Hydrotherapy and add a note on magnesium sulphate use in hydrotherapy.
2. Write the physiological effects, therapeutic effects and contra indication of steam bath, Russian and Turkish bath.

II. Write Notes on:

(10 x 5 = 50)

1. Importance of water drinking.
2. Intra uterine irrigation and its effects.
3. Physiological effects of cold on circulatory and nervous system.
4. Reflex areas of the body and results of application of hot and cold over reflex areas.
5. Hydrotherapy and mud therapy for constipation.
6. Alternate compress, its indication and physiological effects.
7. Anti Thermic and Anti Pyretic effect.
8. Hydriatic prescription for obesity and Lumbar spondylosis.
9. Full Immersion bath.
10. Hydriatic prescription for Emergency conditions.

III. Short Answers on:

(10 x 2 = 20)

1. Coloclyster.
2. The sand bath.
3. Water emetic.
4. Hemostatic.
5. Emmenagogic effect.
6. Classification of mud.
7. Shallow bath.
8. D'Arsonval's Calorimeter.
9. Fever.
10. Thermogenic centers.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BNYS 0322]

**MARCH 2022
(FEBRUARY 2021 & MAY 2021 SESSIONS)**

Sub. Code: 1524

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER II – HYDROTHERAPY AND CLAY THERAPY
Q.P. Code : 821524**

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Write in detail about the palliative and curative management of hydrotherapy for Bronchial asthma with justification.
2. Write the classification of hydriatic effects and explain in detail about the secondary excitant effects.

II. Write Notes on:

(10 x 5 = 50)

1. Wet sheet pack.
2. Hydriatric prescription for GERD.
3. Role of facial steam inhalation in Covid 19.
4. Types of enema and its physiological effects.
5. Magnesium Sulphate – use in hydro therapy.
6. Sweating baths in dropsy and obesity.
7. How warm salt water gargling helps to reduce viral load.
8. Revulsive douche.
9. Emergency hydriatric management for Renal colic.
10. Gastro hepatic pack, its indication and physiological effects.

III. Short Answers on:

(10 x 2 = 20)

1. Fever bath.
2. Effect of steam bath.
3. Indication for alternate Hot and Cold compress.
4. Nasal irrigation.
5. Cosmetic uses of mud.
6. Expectorant effects.
7. Effects of thermal mud bath.
8. Cold mitten friction effects.
9. Antithermic effects.
10. Hydriatric prescription for migraine.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BNYS 0522]

MAY 2022

Sub. Code: 1524

(AUGUST 2021 & OCTOBER 2021 SESSIONS)

B.N.Y.S. DEGREE EXAMINATION

FOURTH YEAR

(For the candidates admitted from the academic year 2011-12)

PAPER II – HYDROTHERAPY AND CLAY THERAPY

Q.P. Code : 821524

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Write in detail about the management of hydrotherapy and clay therapy for polycystic ovarian syndrome.
2. Explain hydrotherapy application in chronic disease.

II. Write Notes on:

(10 x 5 = 50)

1. Justify gastro hepatic pack in diabetes.
2. Heating compress.
3. Turkish bath and its effects.
4. Thermoregulation.
5. Poultice and its types.
6. Types and preparation of mud bath.
7. Hydriatic prescription for hypertension.
8. Role of hip bath in GERD.
9. Colon irrigation.
10. Renal pack and its mechanism.

III. Short Answers on:

(10 x 2 = 20)

1. Properties of mud.
2. Define primary excitant effect.
3. Colocylster.
4. Write superficial reflex areas.
5. Graduated bath.
6. Hippocrates contribution in hydrotherapy.
7. Oscillatory reaction.
8. Difference between tonic and atonic effect.
9. Physiological changes during increased heat production and decreased heat elimination.
10. Define douche.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BNYS 1022]

**OCTOBER 2022
(FEBRUARY 2022 & MAY 2022 SESSIONS)**

Sub. Code: 1524

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER II – HYDROTHERAPY & CLAY THERAPY
Q.P. Code : 821524**

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Write in detail about importance of water on human body and add a note on classification of hydriatic effects.
2. Write in detail about Rheumatoid arthritis management through hydrotherapy and mud therapy with its mechanism.

II. Write Notes on:

(10 x 5 = 50)

1. Cold bath in old age.
2. Diaphoretic effect.
3. Different stages of fomentation, its effect and indication.
4. Intra uterine irrigation and its effects.
5. Whirlpool bath.
6. Scotch douche.
7. Hot air bath.
8. Sweating pack procedure and its effects.
9. Hydriatic prescription for bronchial asthma.
10. Uses of Mud and its Scientific mechanism.

III. Short Answers on:

(10 x 2 = 20)

1. Classification of mud.
2. Thermic reaction.
3. Retention enema.
4. Darwin's rule.
5. Friction and its uses.
6. Thermophore.
7. Emmenagogic effect.
8. Properties of Ice application on skin.
9. Uses of magnesium sulphate.
10. Precautions for pool therapy.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BNYS 0323]

MARCH 2023

Sub. Code: 1524

(AUGUST 2022 & OCTOBER 2022 EXAM SESSIONS)

B.N.Y.S. DEGREE EXAMINATION

FOURTH YEAR

(For the candidates admitted from the academic year 2011-12)

PAPER II – HYDROTHERAPY & CLAY THERAPY

Q.P. Code: 821524

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Explain chest pack, its types, physiological effects, indications and contraindications.
2. Elaborate the physiological basis of Hydrotherapy.

II. Write Notes on:

(10 x 5 = 50)

1. Hot and cold abdomen compress.
2. Hydriatic management for polycystic ovarian disease.
3. Cold shower pack.
4. Cold water Vs medicinal tonics.
5. Revulsive effect.
6. Compare horizontal jet and persussion douche.
7. Effects of hot upon skin.
8. Full wet sheet pack.
9. Hydriatic and mud prescription in osteoarthritis.
10. Uses of mud bath and its Therapeutic mechanism.

III. Short Answers on:

(10 x 2 = 20)

1. How to suppress reaction?
2. Limitations of hydrotherapy.
3. When free water drinking should be avoided.
4. Compare irrigation and douche.
5. Hydriatic application to increase vitality.
6. Sand bath and its effects.
7. Contraindications of cold application.
8. Preliminary measures for sweating bath.
9. Epsom salt-its indication and contraindications.
10. Proximal compress.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BNYS 0823]

**AUGUST 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 1524

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER II – HYDROTHERAPY & CLAY THERAPY**

Q.P. Code: 821524

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Explain methods of treatment of mud applications, packing & effect of mud on different systems of body.
2. Write in detail about the management of psoriasis in relation to hydrotherapy & clay therapy.

II. Write Notes on:

(10 x 5 = 50)

1. Explain about hot and cold lung compress.
2. Define dry and moist heat.
3. Write about wet girdle pack.
4. Write about cold bath in old age.
5. Explain in detail about effects of hot application over muscular system.
6. Describe nerve sedatives.
7. Write about neutral spinal bath and its indications.
8. Explain hydriatic heart tonics.
9. Write in detail about gastro hepatic pack.
10. Explain in detail about cholagogue effect.

III. Short Answers on:

(10 x 2 = 20)

1. Describe Diaphoretic effects.
2. Explain about modified thermic reaction.
3. Define retrostasis.
4. Define hydrostatic pressure.
5. Define mustard poultice.
6. Contra indications of cold plunge.
7. Explain oil enema.
8. Indications of immersion bath.
9. Indications of hot foot bath.
10. Define pelvic pack.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BNYS 0124]

**JANUARY 2024
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 1524

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER II – HYDROTHERAPY & CLAY THERAPY**

Q.P. Code: 821524

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Hydro and clay-therapy for psoriasis with scientific mechanism.
2. Colon hydrotherapy and its recent research updates.

II. Write Notes on:

(10 x 5 = 50)

1. Notes on thermometer scales and heat units.
2. General view of the nervous system as related to hydrotherapy.
3. Reflex effects produced by hot application.
4. Untoward effects of hydrotherapy.
5. Hydriatic heart tonic.
6. Hemostatic effect.
7. Pelvic pack.
8. Asthma bath.
9. Outdoor bath.
10. Treatment for Osteo arthritis.

III. Short Answers on:

(10 x 2 = 20)

1. Classification of temperature.
2. Apotherapia.
3. Suppuration.
4. Schuller experiments on hydrotherapy.
5. Retrostasis.
6. Modified Thermic reaction.
7. Counterbalancing reaction.
8. Revulsive effect.
9. Filiform douche.
10. Treatment for constipation.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BNYS 0824]

**AUGUST 2024
(MAY 2024 EXAM SESSION)**

Sub. Code: 1524

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER II – HYDROTHERAPY & CLAY THERAPY**

Q.P. Code: 821524

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Define Mud therapy and detail about types, physiological and therapeutic effects of mud.
2. Write in detail about the management of Diabetes in relation to hydro and mud therapy.

II. Write Notes on:

(10 x 5 = 50)

1. Types of calorimetry.
2. Conditions which increase and decrease heat production?
3. Recent researches on hydrotherapy.
4. Effect of cold and hot on skin.
5. General principles which determine the hot, cold and neutral application?
6. Sudorific effect and its sub classifications.
7. Wet sheet pack.
8. Turkish bath.
9. Enema and its types.
10. Treatment for fever and justify it.

III. Short Answers on:

(10 x 2 = 20)

1. Atonic reaction.
2. Hydrotherapy for vomiting.
3. Roller compress.
4. Thermophore.
5. Hydrotherapy for Renal colic.
6. GH pack.
7. Effect of mud on skin.
8. Derivative effects.
9. Caliper douche.
10. Treatment for Insomnia.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BNYS 0125]

**JANUARY 2025
(OCTOBER 2024 EXAM SESSION)**

Sub. Code: 1524

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER II – HYDROTHERAPY & CLAY THERAPY**

Q.P. Code: 821524

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Write the classification of Hydratic effects and explain in detail about the primary excitant effects.
2. Explain in detail about Heat regulation. Conditions that increase and decrease heat production in the body.

II. Write Notes on:

(10 x 5 = 50)

1. Internal bath.
2. Reflex areas of the body and results of cold application over reflex areas.
3. Tonic and atonic effects upon different systems.
4. Classification of Mud for therapeutic use.
5. Effect of cold up on Respiratory system.
6. Effect of hydro and mud therapy in hypertension.
7. Hydrotherapy for chronic Rheumatism.
8. Revulsive douche.
9. Gastro hepatic pack, its indication and physiological effects.
10. Magnesium Sulphate – use in hydro therapy.

III. Short Answers on:

(10 x 2 = 20)

1. Pool therapy.
2. Wet sheet pack.
3. Goose flesh appearance.
4. Aeration bath.
5. Horizontal jet.
6. Cardiac tonics.
7. Shallow bath.
8. Neem enema.
9. Treatments of cervical spondylosis.
10. Proximal compress.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BNYS 0725]

**JULY 2025
(MAY 2025 EXAM SESSION)**

Sub. Code: 1524

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER II – HYDROTHERAPY & CLAY THERAPY**

Q.P. Code: 821524

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Define Douches. Explain about Scotch douche revulsive douche and hepatic Douche.
2. Management of Poly cystic ovarian disease treatment through hydro and clay therapy.

II. Write Notes on:

(10 x 5 = 50)

1. Comparative study of hot and cold effects.
2. Hydrotherapy treatments for bright's disease.
3. Physiology of Thermoregulation.
4. Effects of cold on elimination and circulation.
5. Emergency managements in hydrotherapy.
6. Pool therapy.
7. Proximal compress.
8. Full mud bath-procedure, physiological effects and therapeutical effects.
9. Shallow bath.
10. Types of poultices.

III. Short Answers on:

(10 x 2 = 20)

1. Tonic baths.
2. Precautions – cold bath in old age.
3. How to convert Fahrenheit to Celsius?
4. Conditions that control heat.
5. Define incomplete reaction.
6. Affusion.
7. Cullen's use of water in fever.
8. Thermogenic centres.
9. Specific treatments for ulcerative colitis.
10. Management of Migraine.
