

**MODEL QUESTION PAPERS**  
**PHYSIOTHERAPY**



**MODEL PAPERS**  
**ANATOMY & PHYSIOLOGY**  
**1<sup>st</sup> YEAR - PAPER-I**  
**PHYSIOTHERAPY**

**Marks : 50**

**Section - A**

- Note :** (i) Answer all the Questions  
(ii) Each Question carries 2 marks 2 x 10 = 20
1. Describe the anatomical position?
  2. Differentiate between right and left lung
  3. Name the various reproductive organs
  4. Name the movement possible in shoulder joint
  5. Explain planes of human body
  6. Name the muscles of Eye ball
  7. Differentiate between Proximal and Distal
  8. Give the various functions of bone
  9. Draw a labeled diagrams of Heart
  10. Define anatomy

**Section - B**

- Note :** (i) Answer five Questions  
(ii) Each Question carries 6 marks 5 x 6 = 30
11. Describe the construction and movement possible in knee joint
  12. Explain briefly about mechanism of Respiration
  13. Write a note on composition of blood
  14. Give the division and function of nervous system
  15. Write a note on digestive glands
  16. Explain about functions of Cerebellum functions
  17. Describe briefly about Thyroid Gland its functions and secretions

**MEDICAL AND SURGICAL CONDITION**  
**ANATOMY & PHYSIOLOGY**  
**I<sup>st</sup> YEAR - PAPER-I**  
**PHYSIOTHERAPY**

**Marks : 50**

**Section - A**

- Note :** (i) Answer all the Questions  
(ii) Each Question carries 2 marks 2 x 10 = 20
1. Define Anatomy.
  2. Define Osteology
  3. Define Anterior & Posterior
  4. Name the types of Muscle tissues
  5. Write the valves of the hear
  6. Draw a labeled diagram of neurons
  7. Define blood pressure
  8. Write about the lobes of the lungs
  9. What is synapse
  10. Define dyspnoea

**Section - B**

- Note :** (i) Answer five Questions  
(ii) Each Question carries 6 marks 5 x 6 = 30
11. Explain the heart with diagram
  12. Short note on function of urine
  13. Explain kmechanism of breathing
  14. Write about blood cells
  15. Explain kidney with the help of diagram
  16. Short note on stomach
  17. Name the cranial nerves and its function

**PSYCHOLOGY**  
**I<sup>st</sup> YEAR**  
**PAPAER - III**

**Time : 3 hours**

**Marks : 50**

**Section - A**

**Note :** (i) Answer all the Questions

(ii) Each Question carries 2 marks

2 x 10 = 20

1. What is meant by Psychology?
2. What is the different between normal and abnormal behaviour?
3. What is meant by motivation?
4. What is meant by split personality?
5. What are the causes for the frustrations?
6. What are the types of conflicts?
7. What is meant by learning?
8. Define thinking?
9. What are psychoneurotic disorders?
10. What is meant by intelligence?

**Section - B**

**Note :** (i) Answer five Questions

(ii) Each Question carries 6 marks

5 x 6 = 30

11. What are the types of neurotic behaviour? Explain briefly
12. What is meant by frustration, causes and reaction towards frustration?
13. How are needs classified and explain socio-psychological needs?
14. What are the stages and effects of Alcoholism?
15. What are psycho-somatic disorders explain?
16. What are the types and effects of drug addiction?

**PSYCHOLOGY**  
**I<sup>st</sup> YEAR**  
**PAPAER - II**

**Time : 3 Hours**

**Marks : 50**

**Section - A**

**Note :** (i) Answer all the Questions

(ii) Each Question carries 2 marks

2 x 10 = 20

1. What is meant by Abnormal Psychology?
2. What are the types of Behaviour?
3. What is meant by Remembering and forgetting?
4. Define Ebbingau/s cure of forgetting?
5. What is meant by individual difference?
6. Define personality?
7. What is meant by functional Psychosis?
8. What is meant by mental Retardation?
9. Write about child adolescent?
10. What is Delinquency?

**Section - B**

**Note :** (i) Answer five Questions

(ii) Each Question carries 6 marks

5 x 6 = 30

11. Write about Psychosomtic disorders briefly?
12. What are the branches of the psychology?
13. What are the causes for the delinquency?
14. What is meant by Schizopmrenia? Explain briefly?
15. What are the causes for Mental retardation?
16. What are the therapies used in the treatment for abonormal behaviour? Explain them in detail?

**MODEL PAPERS-I**  
**BIOCHEMISTRY & EXERCISE THERAPY**  
**I<sup>st</sup> YEAR - PAPER - III**

**Time : 3 Hours**

**Marks : 50**

**Section - A**

**Note :** (i) Answer all the Questions

(ii) Each Question carries 2 marks

2 x 10 = 20

1. Define Bio-Mechanics
2. Define Force and types of forces
3. Name the different types of levers with example
4. Define exercise therapy
5. Write the classification of exercise therapy
6. Define massage
7. What is shoulder wheel
8. Define Posture
9. Write the stages of gait
10. Name different mobilizing methods

**Section - B**

**Note :** (i) Answer five Questions

(ii) Each Question carries 6 marks

5 x 6 = 30

11. Explain starting positions
12. Short note on active movements
13. Explain Breathing Exercise
14. Write types of muscle work and uses of kneading
15. Short note on walking aids
16. Explain hydrotherapy and its indication and contraindication?

**MODEL PAPERS-II**  
**BIOCHEMISTRY & EXERCISE THERAPY**  
**I<sup>st</sup> YEAR PAPER - III**

**Time : 3 Hours**

**Marks : 50**

**Section - A**

**Note :** (i) Answer all the Questions

(ii) Each Question carries 2 marks

2 x 10 = 20

1. What is centre of gravity
2. Write about types of Muscle contraction
3. Name the different pathological gaits
4. Write about limb length measurement
5. Write indications and contraindications of Hydrotherapy
6. Write the uses of parallel bars
7. What is stretching and write the classification
8. What are different types of Breathing Exercises
9. Define PNF
10. Name the causes of Muscle Weakness

**Section - B**

**Note :** (i) Answer five Questions

(ii) Each Question carries 6 marks

5 x 6 = 30

11. Write briefly about massage, its classification and effects and uses
12. Write about stages of gait
13. Write about Frenk's Exercises
14. Write a brief notes on Gait training
15. Write about techniques of relaxation
16. Write briefly on passive movements
17. What is postural drainage, its indications and contraindications

# MEDICAL AND SURGICAL CONDITION

**COURSE : PT  
II<sup>nd</sup> YEAR**

**Marks : 50**

## **Section - A**

- Note :** (i) Answer all the Questions  
(ii) Each Question carries 2 marks 2 x 10 = 20
1. Give the various abdominal Incisions?
  2. What is Osteomyelitis
  3. What is Osteoporosis
  4. Name two congenital diseases
  5. Define the communicable disease and name any two
  6. What is Scurvy
  7. What are the various types of anesthesia
  8. Define wound? Give the various types
  9. Define myocardial Infarction(MI)
  10. What is Gas Gangrene

## **Section - B**

- Note :** (i) Answer five Questions  
(ii) Each Question carries 6 marks 5 x 6 = 30
11. Explain in detail about polio with PT Management
  12. Describe about Asthma and its Physiotherapy Management
  13. Explain about cerebral palsy and its PT Management
  14. How is Rickets caused and what is its PT Management
  15. What is the post operative management of a cardiac surgery care
  16. Describe various stages of labour and Pt Management during pregnancy
  17. What do you mean by STD write a brief note of AIDS and its

**PHYSIOTHERAPY  
IINDYEAR  
PAPAER - I  
MEDICAL SURGICAL CONDITIONS**

**Marks : 50**

**Section - A**

**Note :** (i) Answer all the Questions

(ii) Each Question carries 2 marks

2 x 10 = 20

1. Define Infections.
2. Define Inflammation
3. What is Angina.
4. Short note on Rickets
5. What is Dwarfism
6. Define Asthma
7. Define Pyoriasis
8. Write the Clarification of burns
9. Write the causes of Polio.
10. Name the types of incisions used for cardiac surgery.

**Section - B**

**Note :** (i) Answer five Questions

(ii) Each Question carries 6 marks

5 x 6 = 30

11. Write details about Osteoporosis
12. Short not on Congenital heart diseases
13. Describe leprosy and P.T. Mngement
14. Short note on Cardiac Surgery and its P.T. Management.
15. Explain Polio and P.T. Management.
16. Short not on Burns.
17. Explain Emphyrema indetail

# ORTHOPAEDICS AND NEUROLOGY

## II YEAR, PAPER II

### Section - A

- Note :** (i) Answer all the Questions  
(ii) Each Question carries 2 marks 2 x 10 = 20
1. What is Mallet finger
  2. What are different types of prosthesis used
  3. Write about Genu-Valgum
  4. Write PT Management of Calcaneal Spur
  5. What is coin test
  6. What is festinating gait
  7. What is wrist drop
  8. Write the functions of cerebellum
  9. What is chorea
  10. What is the difference between UMN and LMN lesions

### Section - B

- Note :** (i) Answer five Questions  
(ii) Each Question carries 6 marks 5 x 6 = 30
11. Write about multiple sclerosis and its PT Management
  12. Write briefly on Hemiplegia with PT Management
  13. Write briefly on paraplegia and its complications with PT Management
  14. Write on Shoulder dislocation with PT Management
  15. Write on Pott's fracture with PT Management
  16. Write on Osteo arthritis and its physiotherapy Management
  17. Amputation - types, complications and PT Management

**MODEL PAPER**  
**ORTHOPAEDICS AND NEUROLOGY**  
**II YEAR, PAPER II**

**Section - A**

- Note :** (i) Answer all the Questions  
(ii) Each Question carries 2 marks 2 x 10 = 20
1. Write about dequerven's disease
  2. Complications of fracture neck of femur
  3. What is volkman's Contracture.
  4. Difference between spasticity and rigidity
  5. What is claw hand
  6. Functions of pyramidal tract
  7. What is CTEV
  8. Write about coma
  9. What are different types of Spinal deformities
  10. Wry neck.

**Section - B**

- Note :** (i) Answer five Questions  
(ii) Each Question carries 6 marks 5 x 6 = 30
11. Write about G.B.S. and PT Management
  12. Write about Transverse myelitis and PT Management
  13. Write about Brachial plexus injuries and its PT Management
  14. Write about C.D.H. and its PT Management
  15. Write about colle's fracture and its PT Management
  16. Write about Rheumatoid arthritis and its PT Management
  17. Write about Total knee replacement and its PT Management

# ELECTROTHERAPY

## MODEL PAPER

PT - PAPER - III

IINDYEAR

Max.Marks : 50

### Section - A

- Note :** (i) Answer all the Questions  
(ii) Each Question carries 2 marks 2 x 10 = 20
1. Write about conductors & Non-conductors of electricity
  2. Write briefly about physiological effects of heat
  3. What is Lew's hunting phenomenon
  4. Write contra indications of US
  5. Expand LASER and its uses
  6. Write the difference between low frequency & high frequency currents
  7. Write about different types of TENS
  8. Write Indications of IFT
  9. Mention different techniques for applying waxbath?
  10. What is Iontophoresis

### Section - B

- Note :** (i) Answer five Questions  
(ii) Each Question carries 6 marks 5 x 6 = 30
11. Write about SD curve
  12. Write the types of UV rays, physiological effects  
Indications & Contra indications
  13. Write briefly on Infrared rays
  14. Write about techniques of application and physiological effects of SWD
  15. Write about electric shock & earth shock
  16. Write about Faradic foot bath
  17. Write about physiological effects, types, techniques, dosage of US

# ELECTROTHERAPY

## MODEL PAPER

PT

II<sup>nd</sup> YEAR

PAPER - III

Max. Marks 50

### Section - A

**Note :** (i) Answer all the Questions

(ii) Each Question carries 2 marks

2 x 10 = 20

1. What is coupling medium
2. How do you calculate dosage for ultra violet radiation
3. What is Contraplanar Method
4. What do you mean by Transformer and Resistor
5. List out the High Frequency Appartus used in Physiotheraphy
6. Define electric Shock
7. What are contraindications for SWD treatment
8. Explain the production of Micro wave current
9. What do you recomend for acute and chronic condition while treatiy with ultrasound
10. Define long duration current

### Section - B

**Note :** (i) Answer five Questions

(ii) Each Question carries 6 marks

5 x 6 = 30

11. Explain the procedure and differences of SD Curve
12. Write in details about production and physiological effects of ultra sound
13. Explain the method of application and contramdicacion of IFT
14. Explain about TENS
15. What are physiological Effects of Faradic type current
16. Describe the various methods of application of SWD
17. Explain in detail about cryotherapy

## **EQUIVALANCY OF PAPERS**

- a) If a student fails in the 1st year paper I or paper II he has to write paper I of the first year of next batch.
- b) If a student fails in paper III of first year or paper IV of second year he has to appear for paper II of first year.
- c) If a student fails in paper IV of first year they has to appar for paper III of first year.
- d) If a student fails in paper I of second year he has to appear paper II of the second year
- e) If a student fails in physiotherapy II of second year he has to appear paper III of first year
- f) If a student fails in paper III of second year he has to appear for appear for paper III of second year.

**LIST OF SUBJECT COMMITTEE MEMBERS FOR  
PARAMEDICAL COURSES**

**V. Physiotherapy**

- 1. Dr. Nagavani, MPT** : Assistant Professor,  
Sushrutha  
College of Physiotherapy,  
Kothapet,  
Dilsukhnagar, Hyderabad.
- 2. Dr. Sumana, BPT** : Physiotherapist,  
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- 3. Dr. Syed Mohd. Maqsood, BPT:** Physiotherapist -  
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- 4. Dr. Nisheed** : Physiotherapist
- 5. Dr. Prashanth Shah,** : Vocational Lecutrer,  
Physio, Sports,  
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- 6. A.M. Sandhya Rani**  
Reader, SIVE % CIE : Coordinator