

Q.P.Code:

Reg.No.

FOURTH YEAR BPT EXAMINATIONS

[Model Question Paper]

CLINICAL NEUROLOGY AND NEUROSURGERY

(2012 - Scheme)

Time: 1 ½ hrs

Max.Marks: 50

- Answer all questions
- Draw diagrams wherever necessary

Essay

(1x14=14)

1. Define cerebral palsy. Explain its pathology, classification, and clinical features according to the types of cerebral palsy. Add a note on the medical and surgical management for spastic cerebral palsy.

Short Essays

(2 x 8=16)

2. What is motor neuron disease and explain the classification. Add a detailed note on amyotrophic lateral sclerosis.
3. Intervertebral disc prolapse.

Short Notes

(4x5=20)

4. Difference between upper motor neuron and lower motor neuron lesion.
5. Moya moya syndrome
6. Transverse myelitis
7. Types of dementia
8. Neurogenic bladder

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FOURTH YEAR BPT EXAMINATIONS

[Model Question Paper]

PHYSIOTHERAPY IN CLINICAL NEUROLOGY AND NEUROSURGERY

(2012 - Scheme)

Time: 3hrs

Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays

(2 x14=28)

1. Discuss the evaluation and management of 22 year old female with crossed hemiplegia.
2. Classify the different types of muscular dystrophy. Discuss in detail the physiotherapy assessment and management of DMD.

Short Essays

(4x8=32)

3. Describe the clinical features and management of posterolateral disk prolapse.
4. Explain in detail about principles and techniques of CIMT
5. Application of biofeedback in bladder dysfunction
6. Sensory reeducation.

Short Notes

(10x4=40)

7. Myelomeningocele
8. Normal pressure hydrocephalus
9. Rigidity assessment in head injury
10. Special test to assess vertebra basilar insufficiency
11. Assessment of B₁₂ deficiency
12. Explain PT measures for Tonic bladder
13. Physiotherapy management of Moya moya disease
14. Symmetrical tonic neck reflex
15. Glasgow coma scale
16. Autonomic dysreflexia

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FOURTH YEAR BPT EXAMINATIONS

[Model Question Paper]

CLINICAL CARDIO RESPIRATORY DISORDERS AND SURGERY

(2012 - Scheme)

Time : 1 ½ hrs

Max.Marks: 50

- Answer all questions
- Draw diagrams wherever necessary

Essay

(1x14=14)

1. Define hypertension. Explain in detail the causes, classification, assessment and management of hypertension.

Short Essays

(2x8=16)

2. Cardiopulmonary resuscitation in adults.

3. Define chronic bronchitis. Describe the etiology, clinical features and management of chronic bronchitis.

Short Notes

(4x5=20)

4. Cardiac tamponade.

5. Signs and symptoms of tetralogy of fallot

6. Types of incisions in thoracotomy

7. Drugs used for bronchospasm

8. Clinical features of rheumatic fever

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FOURTH YEAR BPT EXAMINATIONS

[Model Question Paper]

**PHYSIOTHERAPY IN CARDIO-RESPIRATORY DISORDERS & INTENSIVE CARE
MANAGEMENT**

(2012 - Scheme)

TIME: 3 Hrs

Max marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays

(2x14=28)

1. Define pulmonary rehabilitation .Plan pulmonary rehabilitation program for a patient who had undergone right pneumonectomy.
2. Define mechanical ventilator. Explain the modes, criteria for intubation as well as extubation.

Short notes

(4x8=32)

3. Explain neonatal unit and physiotherapy techniques used for children.
4. Explain suction apparatus.Mention the complications and contraindications of suctioning.
5. Explain physiotherapy for peripheral vascular disease.
6. Describe the principles and practice of cardiopulmonary resuscitation.

Answer briefly

(10x4=40)

7. Autogenic drainage.
8. Stages of clubbing.
9. Arterial blood gas analysis (ABG).
10. Types of humidifiers.
11. Exercise prescription for elderly people.
12. IPPB
13. Coughing.
14. Physiotherapy for renal failure.
15. Pranayama.
16. PEEP.

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FOURTH YEAR BPT EXAMINATIONS

[Model Question Paper]

**PHYSIOTHERAPY IN COMMUNITY HEALTH
(2012 - Scheme)**

Time : 3 hrs

Max marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays

(2x14=28)

1. Define aging and classify old age. Explain in detail the environmental changes and adaptations for fall prevention in elderly. Discuss the role of physiotherapy in prolonged bed rest.
(1+2+6+5 = 14)
2. Define industrial therapy and its aims. Explain in detail about the environmental stresses in industrial area. Discuss the role of occupational health physiotherapist in disability management.
3. (3+5+6 = 14)

Short essays

(4x8=32)

3. Role of physiotherapy in menopausal health problems
4. Three tier health delivery system in India
5. Community health care in peri pubertal age group
6. Role of physiotherapy in obesity management

Short answers

(10x4=40)

7. Kegel exercise
8. Principles of CBR
9. Modifications of architectural barriers for wheel chair entry and transfer
10. Exercise prescription for diabetes patients
11. Ergonomics for computer professionals
12. Vocational evaluation
13. Physiotherapy management for diastasis recti
14. Anganwadi worker
15. Assistive devices
16. National level rehabilitation programmes

