

QP Code:

Reg. No.:.....

FOURTH YEAR BPT DEGREE EXAMINATIONS

(Model Question Paper -2010 Batch)

Clinical Neurology and Neurosurgery

Time: 3 hrs

Maximum marks: 100

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

Essays

(2x14=28)

1. Discuss in detail the etiology, clinical features, investigation and management of duchenne muscular dystrophy.
2. Define and classify cerebral palsy. Discuss briefly clinical features, diagnosis and management of spastic cerebral palsy.

Short Essays

(4x8=32)

3. Describe clinical features, investigations and management of myasthenia gravis.
4. Classify brain tumors and outline management and treatment options for gliomas.
5. Classify peripheral nerve injuries and discuss the management of radial nerve injury.
6. Explain the pathophysiology and causes of epilepsy. Add a note on typical tonic clonic seizure.

Short Answers

(10X4=40)

7. Causes and management of cerebellar ataxia.
8. Discuss management of neurogenic bladder.
9. Bell's palsy.
10. Hydrocephalus and one surgical management.
11. WICU management for acute G. B. syndrome.
12. Discuss briefly motor examination.
13. Aphasias.
14. Autism spectrum disorders.
15. Tabes dorsalis.
16. Meningitis.

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FOURTH YEAR BPT DEGREE EXAMINATIONS

(Model Question Paper -2010 Batch)

Physiotherapy in Clinical Neurology and Neurosurgery

Time: 3 hrs

Maximum marks: 100

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

Essays

(2x14=28)

1. Define cerebrovascular accident. Explain in detail about physiotherapy assessment and management for a 70 years old male patient who had an episode of acute MCA stroke.
2. Explain in detail about clinical assessment and physiotherapy management of 55 years old patient who is diagnosed with parkinsonism since two years.

Short Essays

(4x8=32)

3. Types, assessment and physiotherapy management of neurogenic bladder.
4. Biofeedback in neurological rehabilitation.
5. Assessment and management of cerebellar ataxia.
6. Assessment and management of peripheral neuropathies.

Short Answers

(10X4=40)

7. American spinal cord injury association (ASIA) scale
8. Define motor control and neuroplasticity.
9. Physiotherapy management for foot drop.
10. Define entrapment neuropathies. Mention the physiotherapy management of any one of entrapment neuropathies.
11. Sensory neuropathies and its management.
12. Physical therapy management of spasticity in cerebral palsy.
13. Vertebrobasilar insufficiency.
14. Physiotherapy management of Bells palsy.
15. Differences between LMN and UMN lesions.
16. Neuro developmental therapy (NDT).

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FOURTH YEAR BPT DEGREE EXAMINATIONS

(Model Question Paper -2010 Batch)

Clinical Cardio-Respiratory Disorders and Surgery

Time: 3 hrs

Maximum marks: 100

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

Essays

(2x14=28)

1. Explain in detail about the definition, aetiopathology, clinical features, diagnosis and management of chronic bronchitis.
2. Define thoracotomy. Explain in detail about the various thoracotomy incisions, indications and the muscles cut in each incision.

Short Notes

(4x8=32)

3. Types of anesthesia and their complications.
4. Interpretation of chest radiographs.
5. Definition, aetiopathology, clinical features, complications and management of ischemic heart diseases.
6. Definition, causes, types, complications, and management of atrial septal defect.

Short Answers

(10x4=40)

7. Define mitral valve stenosis and insufficiency.
8. Uses of electrocardiogram.
9. Heart sounds.
10. Define tetralogy of Fallot.
11. Pericarditis.
12. Types of asthma.
13. Define pneumonia. Mention the types of pneumonia.
14. Tension pneumothorax.
15. Types of emphysema.
16. Bronchodilators.

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FOURTH YEAR BPT DEGREE EXAMINATIONS

(Model Question Paper -2010 Batch)

Physiotherapy in Cardio-Respiratory Disorders and Intensive Care Management

Time: 3 hrs

Maximum marks: 100

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

Essays

(2x14=28)

1. Explain in detail about the pathophysiology, clinical spectrum and physiotherapy management of COPD.
2. A 28 years old head injury patient is under mechanical ventilation in the ICU. Describe a suitable plan of physiotherapy management for him.

Short Essays

(4x8=32)

3. Technique of bronchial suctioning.
4. Physiotherapy management of 60 years old lady with pneumothorax undergoing intercostal drainage.
5. Indications and classical positions of postural drainage.
6. Cardiac rehabilitation program structure.

Short Answers

(10X4=40)

7. Exercise induced bronchospasm
8. CPAP
9. Factors affecting exercise performance.
10. Types of respiratory failure.
11. Flutter valve.
12. ECG changes in myocardial infarction.
13. Oxygen toxicity.
14. Contraindications for incentive spirometry.
15. Shaking and vibrations.
16. Huffing.

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FOURTH YEAR BPT DEGREE EXAMINATIONS

(Model Question Paper -2010 Batch)

Community Based Rehabilitation

Time: 3 hrs

Maximum marks: 100

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

Essays

(2x14=28)

1. Explain the role of voluntary organizations, voluntary health agencies and international health organizations in C.B.R.
2. Explain the concept of impairment, disability and handicap. Explain in detail about disability evaluation methods and purpose.

Short Essays

(4x8=32)

3. Concept of barrier free environment.
4. Define rehabilitation and explain the role of each members of a rehabilitation team.
5. Define vocational rehabilitation and explain its need in rehabilitation. Add a note on vocational assessment and evaluation methods
6. Explain, national district level rehabilitation programme. Add a note on primary rehabilitation unit, regional training center and district rehabilitation center.

Short Answers

(10X4=40)

7. Bilateral agencies.
8. Role of members of C.B.R team.
9. W.H.O
10. N.G.O's
11. Need for C.B.R
12. Red cross society
13. Mobility aids and assistive devices.
14. Crutch walking
15. Preventive measures of falls in elderly.
16. Prevention of pressure sores.
