

QP CODE:403014

Reg.No.....

Fourth Year BPT Degree Examinations, October 2014

Clinical Cardio Respiratory Disorders and Surgery

Time : 3 Hours

Total Marks:100

- **Answer all questions**

Essays: (2x14=28)

1. Classify congenital heart disease. What are the clinical features and management of tetralogy of fallot.
2. Define respiratory failure. Discuss the types, causes, clinical features and management for the same.

Short essays: (4x8=32)

3. Mention the etiology and clinical features of lobar pneumonia
4. Define Poisoning. Write in detail about the management of poisoning
5. Discuss the etiology, clinical features, and management of bronchiectasis
6. What is general anaesthesia. Discuss its effects on respiratory system.

Answer briefly: (10x4=40)

7. Empyema thoracis
8. Cystic fibrosis
9. Open heart surgery versus closed heart surgery
10. Myocarditis
11. Endoscopy mention its types and uses
12. Treatment of bronchospasm
13. Complications following renal transplantation
14. Mention the types and complications following the insertion of intercostal drainage.
15. Pulmonary embolism
16. Metabolic alkalosis

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Fourth Year BPT Degree Examinations, October 2014

Clinical Neurology and Neurosurgery

Time : 3 Hours

Total Marks:100

- **Answer all questions**

Essays: **(2x14=28)**

1. Define cerebral palsy. Explain the types, clinical features and management of ataxic cerebral palsy.
2. Elaborate on the etiology, clinical features, diagnostic procedures and management of cerebrovascular accident.

Short essays: **(4x8=32)**

3. Types and management of epilepsy
4. Duchenne Muscular Dystrophy
5. Describe the clinical features and management of tabes dorsalis
6. Describe the clinical features and management of inter vertebral disc prolapse

Answer briefly: **(10x4=40)**

7. Cranio vertebral junction anomalies
8. Motor neuron disease
9. Spinal arachnoiditis
10. Wrist drop
11. Vertebral stroke
12. Down's Syndrome
13. Frontal lobe and its functions
14. Hydrocephalus
15. Tetanus
16. Dystonia

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Community Based Rehabilitation

Time : 3 Hours

Total Marks:100

- **Answer all questions**

Essays:

(2x14=28)

1. Define barrier. Design barrier free environment for a 50 years old patient with parkinsonism
2. Define aging. Write in details the various Musculoskeletal changes in aging.
Explain the role of physiotherapist in ageing

Short essays:

(4x8=32)

3. Explain the principles of CBR
4. Disability evaluation for upper limb amputation
5. Role of NGOs in rehabilitation
6. Early intervention in high risk babies

Answer briefly:

(10x4=40)

7. Multi purpose health worker
8. Vocational evaluation
9. Immunization programmes
10. Extension services
11. Bilateral agencies
12. Ethics in geriatric rehabilitation
13. Seating device modification in cerebral palsy
14. Ergonomic advice for backache
15. Need for Industrial health
16. WHO

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Fourth Year BPT Degree Examinations, October 2014

Physiotherapy in Cardio Respiratory and Intensive Care Management

Time : 3 Hours

Total Marks:100

- **Answer all questions**

Essays:

(2x14=28)

1. Define cardiac rehabilitation. Mention the indications and contraindications. Explain the phases in detail.
2. Define postural drainage. Mention the indications and contra indications. Explain the postural drainage positions for right middle and lower lobes.

Short essays:

(4x8=32)

3. Explain the physiotherapy techniques used to increase the lung volume
4. Plan an exercise prescription for a 48 years old female with hypertension
5. Indications for PFT. Explain the differences between obstructive and restrictive lung disorders
6. Name the different types of neurophysiological facilitation of respiration. Explain any four in detail

Answer briefly:

(10x4=40)

7. ACBT versus autogenic drainage
8. Manual hyperinflation
9. Indications for nebulisation and mention its types
10. Body mass index
11. Diaphragmatic breathing exercise
12. Principles of exercise prescription
13. CPAP
14. Clubbing
15. Indications for mechanical ventilation
16. Six minute walk test

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Fourth Year BPT Degree Examinations, October 2014

Physiotherapy in Clinical Neurology and Neurosurgery

Time : 3 Hours

Total Marks:100

- **Answer all questions**

Essays: **(2x14=28)**

1. Elaborate the physiotherapy assessment and management of a 60 years old patient diagnosed with Parkinson's disease.
2. Discuss in detail the physiotherapy assessment and management of a patient who is unconscious following head injury

Short essays: **(4x8=32)**

3. Physiotherapy management of Bell's palsy.
4. Physiotherapy management of cerebellar ataxia.
5. Motor control and motor learning
6. Physiotherapy management of automatic and autonomous bladder.

Answer briefly: **(10x4=40)**

7. Biofeedback
8. Neuro developmental therapy
9. Dystonia
10. Spasticity management
11. Carpal tunnel syndrome
12. Body weight supported treadmill training
13. Neural plasticity
14. Infantile hemiplegia
15. Physiotherapy management of foot drop
16. Clinical picture of upper and lower motor neuron lesions
