

February 2009

[KU 987]

Sub. Code: 5182

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION

Fourth Year

Non-Semester Regulations and Seventh Semester

(Modified / New Modified Regulations)

NEUROLOGY FOR PHYSIOTHERAPIST

(CLINICAL NEUROLOGY)

Q.P. Code : 745182

Time : Three hours

Maximum : 100 marks

Answer All questions

Draw suitable diagrams wherever necessary

I. Essays: (2 x 15 = 30)

1. Describe the clinical features, Aetiological factors and the management of cerebral palsy.
2. Discuss Gullain Barre syndrome its clinical course and management.

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

1. Wrist Drop.
2. Entrapment Neuropathy.
3. Spina Bifida Occulta.
4. Extra Dural Haematoma.
5. Spondylolisthesis.
6. Visual field defects.
7. Tremors.
8. Cervical spondylosis.
9. Meningo myelocoele.
10. Diabetic neuritis.

III. Short Answer: (10 x 2 = 20)

1. Neuro transmitters.
2. Glasgow coma scale.
3. Muscle spindle.
4. Neurogenic Bladder.
5. Aqueduct stenosis.
6. Claw Hand.
7. Froin's syndrome.
8. Intra cranial tumours.
9. Conus medullaris.
10. Myasthenia Gravis.

August 2009

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I. Essays: (2 x 15 = 30)

1. Draw the cross section of spinal cord and describe the functions of spinal cord tracts and discuss the clinical features of a D10 Transverse myelitis.
2. Describe the clinical features of different type of traumatic brain injury and the pathophysiology and first aid to these patients.

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

1. Sensory ataxia.
2. Normal pressure hydrocephalus.
3. CSF in TB meningitis.
4. Radial nerve palsy.
5. Syringomyelia.
6. Circle of willis.
7. Bever's Sign.
8. Flaccid paraplegia.
9. Poly myositis.
10. Autism.

III. Short Answer: (10 x 2 = 20)

1. Features of lower motor neuron paralysis.
2. Anal reflex.
3. Brain death.
4. Anti epileptic drug.
5. Electromyography.
6. Brachial plexus.
7. Lumbar puncture.
8. Extra ocular muscles of the eye.
9. Gower's sign.
10. Grades of spasticity.

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Answer All questions.

Draw suitable diagrams wherever necessary

I. Essays: (2 x 15 = 30)

1. Draw the diagram of internal capsule and discuss various causes of lesions in the internal capsule and describe the clinical features of a lesion.
2. Discuss epilepsy under the following headings:
a) Definition b) Pathophysiology and c) Causes.
Describe in detail a typical episode of tonic and clonic seizure.

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

1. CSF in pyogenic meningites.
2. Parkinson's disease.
3. Waddling gait.
4. Clinical features of brain stem injury.
5. Entrapment neuropathies.
6. Myasthenic crisis.
7. Charcot joints.
8. Bell's palsy.
9. Brain death.
10. Micturition reflex.

III. Short Answer: (10 x 2 = 20)

1. Dermatomes of upper limb.
2. Neural pathway of knee jerk.
3. Motor supply of median nerve.
4. Moro's reflex.
5. Clinical features of deep peroneal nerve injury.
6. Poliomyelitis.
7. Traumatic paraplegia.
8. Meralgia paraesthetica.
9. Lower motor neuron lesion.
10. Composition of CSF.

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Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary

I. Essays:

(2X15=30)

1. Describe the etiology and classification of Cerebral palsy. Outline the clinical features and management of 2 years old child with Spastic Diplegia.
2. Draw the Cross – section of the Spinal cord and describe the functions of Spinal cord tracts. Discuss the clinical features of D₁₀ Transverse Myelitis.

II. Short Notes :

(10X5=50)

1. Foot Drop.
2. Peripheral Nerve Injury.
3. Carpel Tunnel Syndrome.
4. Trigeminal Neuralgia.
5. Circle of Willis.
6. Status Epilepticus.
7. Sensory Ataxia.
8. Waddling Gait.
9. Spina Bifida.
10. Dementia.

III. Short Answers:

(10X2=20)

1. Rheumatic Paraplegia.
2. Poliomyelitis.
3. Grades of Spasticity.
4. Anal Reflex.
5. Scissor Gait.
6. Wrist Drop.
7. Lumbar Puncture.
8. Brain Death.
9. Gower's Sign.
10. Bever's Sign.
