

FINAL EXAM
DECEMBER 2012

NATIONAL BOARD OF EXAMINATIONS

NEUROLOGY

PAPER – I

Time : 3 hours
Max. Marks : 100

NEURO/D/12/23/I

Attempt all questions in order.
Each question carries 10 marks.

Write short notes on:

1. Anatomy & mechanics of the atlanto-axial joint. 5+5
2. Physiology of micturition and management of neurogenic bladder. 5+5
3. Cortical visual pathways and visual deficits produced by their involvement. 10
4. Draw and label brachial plexus. 10
5. Origin and function of pyramidal tracts. 10
6. Physiology of sleep. 10
7. Mechanism of horizontal and vertical eye movements. 10
8. Describe the various apraxias. 10
9. Draw a labeled diagram of pons. Describe various vascular syndrome of pons. 5+5
10. Genetics of dystonia. 10

NEUROLOGY

PAPER – II

Time : 3 hours
Max. Marks : 100

NEURO/D/12/23/II

Attempt all questions in order.
Each question carries 10 marks.

Write short notes on:

1. Diabetic mononeuropathies and their management. 10
2. Toxic optic neuropathies. 10
3. Causes and neurological manifestations of pellagra. 10
4. Describe various tremors. Discuss the management of essential tremors. 4+6
5. Management of inflammatory myopathies. 10
6. Management of cortical venous thrombosis. 10
7. Neural plasticity. 10
8. Management of a patient with acute onset 3rd nerve palsy. 10
9. Diagnosis and management of acute onset areflexic quadriparesis during the rainy season (monsoons). 10
10. Normal pressure hydrocephalus and its management. 2+8

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PAPER – III

Time : 3 hours
Max. Marks : 100

NEURO/D/12/23/III

Attempt all questions in order.
Each question carries 10 marks.

Write short notes on:

1. Electrophysiological evaluation of anterior visual pathway defects. 10
2. Describe the histopathology of mesial temporal sclerosis (MTS). How will you manage a patient with MTS? 5+5
3. Pathways of blink reflex and clinical significance. 5+5
4. Electrophysiological evaluation of autonomic neuropathies. 10
5. Role of M.R imaging in diagnosis of multiple sclerosis. 10
6. Role of channelopathies in various muscle disorders. 10
7. Enumerate and discuss paroxysmal dyskinesias. 2+8
8. Discuss various spontaneous electromyographic patterns and discharges. 10
9. M.R imaging of acute stroke. 10
10. Genetics of mitochondrial disease. 10
