

Total number of printed pages-3

34 (3) NENS 3·4

2019

**NEUROLOGY AND NEUROSURGERY**

Full Marks : 80

Time : Three hours

***The figures in the margin indicate full marks for the questions.***

- I. Long Essay-type : (Answer **any two** out of **three**) 10×2=20
- (1) Define Cerebral Palsy. Describe the etiology and classification of cerebral palsy. Outline the clinical features and management of 2 year-old child with Spastic Diplegia. 10
- (2) What is Motor Neuron disease ? Explain its classification and add a detailed note on amyotrophic lateral Sclerosis. 10
- (3) Give a detailed description of the neurological assessment for a person with traumatic brain injury. 10

*Contd.*

II. Short Answer-type : (Answer **any eight** out of **ten**) 5×8=40

- (1) Define Spina bifida. Describe the pathology, classification and clinical features of Spina bifida.
- (2) Give a note on GBS.
- (3) Define Stroke. Describe its classification, risk factors and causes of Stroke.
- (4) Explain in details about the etiology, pathophysiology and clinical features of Meningitis.
- (5) Describe the pathophysiology, clinical features and management of Myasthenia Gravis.
- (6) Describe in detail the etiology, clinical features, pathology and medical management of Parkinson's disease.
- (7) Explain the causes, clinical features and surgical management of hydrocephalus.
- (8) Write a note on Conus Medullaris Syndrome.

- (9) Discuss bladder control and the various type of Neurology related to bladder dysfunction.
- (10) Explain Multiple Sclerosis. Give its classification, clinical features and medical management.

III. Answer in short : 2×10=20

- (1) Alcohol toxicity
- (2) Deep brain stimulation
- (3) Composition of CSF
- (4) Kernig's Sign
- (5) Brain Death
- (6) Ulnar Claw Hand
- (7) Rigidity
- (8) Ptosis
- (9) Bell's phenomenon
- (10) Glasgow Coma Scale.