

Total number of printed pages-4

34 (3) NENS 3-4

2018

**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**) 2×10=20
1. Define CVA. Give a detailed description on the pathophysiology, symptomatology and medical management of various clinical syndromes of stroke with a neat labelled diagram. 10
2. Explain in details about the etiology, pathophysiology, clinical features, investigations and medical management of meningitis. 10

*Contd.*

3. A left hemiparetic female case comes to you for rehabilitation. Give a detailed description of the neurological assessment that you do in its case. 10

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

1. Describe the causes, clinical features and management of Erb's palsy with a neat labelled diagram of Brachial plexus. 5

2. Explain how to assess visual function and describe briefly about optic disc abnormalities. 5

3. Write a note on GBS. 5

4. Describe the physiology of hearing process. Explain in brief about various disorders, examinations and investigations of hearing. 5

5. Classify Hydrocephalus. What are the causes, clinical features and surgical management of hydrocephalus ? 5

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6. Define, classify and describe the clinical symptomatology and medical management of multiple sclerosis. 5

7. Briefly describe about the Neuromuscular junction and its disorders. 5

8. Describe the etiology, pathophysiology, clinical features and medical management of Amyotrophic Lateral Sclerosis. 5

9. What is Freidrich's ataxia ? Write down the pathophysiology, clinical features and medical management of Freidrich's ataxia. 5

10. Write a note on Hereditary Spastic Paraplegia. 5

III. Answer in short : 2×10=20

1. Traumatic tap. 2

2. Deep Brain Stimulation. 2

3. Pesticide Poisoning. 2

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Contd.

4. Scapular Winging.	2
5. Brain death.	2
6. Schwannoma.	2
7. Gower's sign.	2
8. Bell's phenomenon.	2
9. Glasgow Coma Scale.	2
10. Contrecoup injury.	2

