

Total number of printed pages—4

34 (3) NENS 3·4

2014

**NEUROLOGY AND NEUROSURGERY**

Full Marks : 80

Time : Three hours

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

Essay type : (Answer *two* out of three) 2×10=20

1. Define Amyotrophic Lateral Sclerosis. Describe its pathophysiology, types, symptoms, and management in detail.
2. Define Hydrocephalus, its causes and symptoms. Describe its surgical management in detail.
3. Draw a neat diagram showing the components of the visual pathway along with lesions at various levels leading to visual field defects.

Contd.

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

4. Define and describe thoracic outlet syndrome, its clinical signs and symptoms.
5. Define Guillain - Barre syndrome. Describe its causes, clinical features and management.
6. Describe the points related to lumbar puncture and CSF examination.
7. Define vertigo and its management. Describe the tests for vestibular functions.
8. List out the causes for Bell's Palsy, its clinical symptomatology and management.
9. What do you understand by Deep brain stimulation? List down its indications and its importance as a management in neurological conditions.
10. Define chorea and athetosis. Describe the symptomatology of each and management.

11. Define spinal cord injury. Describe its causes, types and clinical symptomatology.
12. Enumerate causes and clinical features of Horner's syndrome.
13. Explain in detail the swallowing mechanisms. List down the causes and symptoms of dysphagia.

Short answer type : (*Answer all questions*)  $2 \times 10 = 20$

14. Define Autism. Write down its symptoms and treatment.
15. Describe surgical management of head injury.
16. Classification of epilepsy.
17. Define common peroneal nerve palsy and its symptomatology.
18. Describe metal toxicity and symptoms related to it.