

NEUROLOGY

PAPER-III

NEURO/D/18/23/III

Time: 3 hours
Max. Marks:100

Important Instructions:

- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

Write short notes on:

1. A 14-year-old girl presents with headache, seizures and behavior abnormalities. Discuss the clinical approach, differential diagnosis and management. 3+3+4
2. Autoantibodies affecting the neuromuscular junction and their clinical relevance. 10
3. How will you evaluate a patient with an acute optic neuritis? 10
4. a) Invasive EEG monitoring. 5+5
b) Epilepsy surgery.
5. Recent advances in: 5+5
a) Stem cell therapies in neurological disorders.
b) Gene therapies in neurological disorders.
6. Classify and describe the clinical features, diagnosis and management of neurocutaneous syndromes (Phakomatosis). 10
7. Positron Emission Tomography (PET) in movement disorders. 10
8. Approach to a patient with acute flaccid paralysis. 10
9. Inflammatory myopathies. 10
10. Recent advances in mechanical thrombectomy in the management of acute ischemic stroke. 10
