

NEUROLOGY

PAPER-I

NEURO/D/18/23/I

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. Guillain Mollaret triangle: 6+4
 - a) Anatomy.
 - b) Clinical relevance.
2. Describe the descending modulation of the pain pathway. 10
3. a) Cerebral salt wasting syndrome 7+3
b) Neurogenic pulmonary edema
4. Pre-synaptic events at the neuromuscular junction and the Neurological disorders occurring at the presynaptic junction. 5+5
5. Horner's syndrome with appropriate diagrams. 10
6. Arthropod-borne viral (Arboviral) encephalitis seen in India. 10
7. Brown-Sequard syndrome with appropriate diagrams. 10
8. Spontaneous intracranial hypotension. 10
9. Explain number needed to treat (NNT) and Odds Ratio (OR). 5+ 5
10. The concept of Penumbra in the management of ischemic stroke. 10
