

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:

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| 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 |
