

**NEUROLOGY****PAPER-I**Time: 3 hours  
Max. Marks: 100

NEURO/D/19/23/I

**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. Electrophysiological evaluation of the somatosensory and motor pathways of the central nervous system. | 10 |
| 2. Prion diseases.  | 10 |
| 3. Neuroplasticity.   | 10 |
| 4. Evaluation of a patient with acute visual loss.  | 10 |
| 5. Cerebral dominance.  | 10 |
| 6. Pathophysiology and genetics of Huntington's disease.  | 10 |
| 7. Imaging techniques in stroke.  | 10 |
| 8. Neuroanatomy of cerebellum and its connections.  | 10 |
| 9. Papez Circuit.   | 10 |
| 10. Standard statistical methods for comparison of groups and assessment of correlations.                 | 10 |

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