

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:

- | | |
|---|----|
| 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 |
