

**NEUROLOGY**

PAPER – I

NEURO/J/17/23/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. Draw and label cross section diagrams of the mid brain at the level of superior and inferior colliculus. 5+5
2. What is optokinetic nystagmus and its role in bed side evaluation of patients? 5+5
3. Clinical and electro-physiological differences between neurogenic and myogenic weakness. 5+5
4. Clinical presentation, diagnosis and management of Herpes simplex encephalitis. 3+4+3
5. RCVS (Reversible cerebral vasoconstriction syndrome). 10
6. Clinical manifestations, diagnosis and management of IIH (Idiopathic Intracranial Hypertension). 3+4+3
7. a) Explain the Neuro -Vascular unit. 5+5  
b) Its role in neurological disorders.
8. Tabulate the differences between recombinant tissue plasminogen activator (r-t PA) and Tenecteplase. 10
9. Confidence interval and Odds-Ratio. 5+5
10. Normal Pressure Hydrocephalus: 3+4+3
  - a) Clinical features.
  - b) Diagnosis.
  - c) Outline its treatment.

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