

NEUROLOGY

PAPER - I

NEURO/D/13/23/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. Draw a labeled diagram of the mid brain and describe various mid brain syndromes. | 5+5 |
| 2. Dopamine receptors. | 10 |
| 3. Draw a labeled diagram of neuro-muscular junction and discuss mechanism of neuro muscular transmission. | 4+6 |
| 4. Draw labeled diagram(s) of the cavernous sinus and the superior orbital fissure. | 5+5 |
| 5. Genetics of cerebellar ataxias. | 10 |
| 6. Inter-nuclear ophthalmoplegia. | 10 |
| 7. Reticular Activating System. | 10 |
| 8. Martin Gruber anastomosis and its types. | 10 |
| 9. Vestibulo-ocular reflex and Oculo-cephalic reflex. | 5+5 |
| 10. Describe anatomical substrate and discuss classification of aphasias. | 10 |
