NEUROLOGY

PAPER - 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 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

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