



NEUROLOGY
PAPER – III

NEURO/D/14/23/III

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. Principles of magnetic resonance spectroscopy (MRS) & its applications in various neurological disorders. 5+5
2. Investigations used in pre-surgical evaluation of intractable epilepsy. 10
3. Classify diabetic neuropathies. Discuss the pathophysiology and investigations for diabetic neuropathy. 4+(3+3)
4. Indications and methods of monitoring intra-cranial pressure (ICP) & management of raised ICP. (3+3)+4
5. Indications and methods of evaluation of autonomic nervous system. 5+5
6. Role of newer anti-epileptic drugs in neurological practice. 10
7. Role of functional imaging in Parkinsonian Syndromes. 10
8. Approach to a patient with gait disorder. 10
9. Enumerate various inflammatory muscle diseases. Describe diagnostic tests for inflammatory muscle diseases. Discuss in brief inclusion body myositis. 3+3+4
10. Recent advances in diagnosis of Alzheimer's dementia. 10
