

**PHYSICAL MEDICINE & REHABILITATION**

**PAPER-III**

Time: 3 Hours  
Max. Marks: 100

PMR/D/19/35/III

**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. Outline the ambulation training in a 50-year-old housewife having hemiparesis for one week following stroke. 10
2. What are the different types of presentation of bladder in a case of spinal cord injury? What are the goals of management in each case? 5+5
3. What is Bell's palsy? How would you manage it? 5+5
4. What is constraint induced movement therapy? What are its indications in light of the available literature? 5+5
5. Management of osteoarthritic knee with varus deformity in a 55-year-old male patient. 10
6. Outline of rehabilitation procedures in a 60 year old male having motor neuron disease. 10
7. Outline the rehabilitation procedure of a 50-year-old male who had myocardial infarction. 10
8. What are the differences in the presentation of dominant side and non-dominant side stroke? How does the prognosis differ in such patients? 5+5
9. Trans-cranial magnetic stimulation. 10
10. Use of Botox in the management of spasticity in cerebral palsy. 10

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