

**PHYSICAL MEDICINE & REHABILITATION**

**PAPER-II**

PMR/D/19/35/II

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. What are the clinical features of DVT in a case of CVA? Write the differential diagnosis, complications, management and its prevention. 2+(2+2+2+2)
2. Write the outline of management of a 35-year-old male involved in a road traffic accident leading to possible traumatic spinal cord injury from the accident site to the first day of hospitalization. 10
3. Outline the rehabilitation protocol of a 60-year-old male after total hip replacement following trivial trauma. 10
4. Management of lymphoedema after mastectomy. 10
5. What are the common terminal devices used in the upper limb prosthesis? What are the newer designs of terminal device for sporting activities? 5+5
6. What are the different types of sockets for a trans-femoral prosthesis? Write the biomechanical advantages of each type. 5+5
7. How is hand to knee gait caused in a child having Poliomyelitis? What types of orthoses would be suitable for such a patient? 5+5
8. Describe the different deformities in hand due to rheumatoid arthritis. Suggest the specific orthosis for each deformity. 5+5
9. What are the principles of tendon transfer surgery? Outline the principles of surgery following radial nerve injury of two-year duration with no recovery. 5+5
10. Discuss sexual problems in a 25-year-old male having traumatic paraplegia at T6 level, ASIA-A. How would you obtain sperms for procreation? 5+5

\*\*\*\*\*