

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:

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| 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 |
