

**PHYSICAL MEDICINE AND REHABILITATION****PAPER-II**Time: 3 hours  
Max. Marks:100

PMR/J/20/35/II

**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. Discuss clinical features and investigations of a patient suspected of ankylosing spondylitis. How will you counsel a 25-year-old, unmarried, male patient of ankylosing spondylitis? 3+3+4
2. General principles of below knee amputation planned for a 65-year-old male having peripheral vascular disease with gangrene. 10
3. Describe the different types of hand deformities seen in advance cases of sero-positive rheumatoid arthritis. What are the different corrective orthoses for such deformities? 5+5
4. Describe the common complications seen in Burns patients needing rehabilitation and elaborate on their prevention and management. 10
5. Discuss rehabilitation management for a 65-year old obese lady with bilateral knee osteoarthritis (OA) with genu varum deformity. What are the newer treatment options in OA? 5+5
6. Describe Complex regional pain syndrome and elaborate on the vasomotor, sudomotor and trophic changes. How will you manage the patient who is not responding to conservative treatment? 5+5
7. A 35-year-old male patient with paraplegia (non-traumatic) with grade IV sacral pressure ulcer having foul smelling discharge reports in the OPD. Describe the rehabilitation management plan with special emphasis on pressure ulcer management. 10
8. Describe the radiological features & rehabilitation of hemophilic arthropathy of knee joint. 10

**P.T.O**

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9. What are the pre-operative stages of Rehab. management before going for anterior cruciate ligament reconstruction? Discuss closed kinetic chain exercises. 5+5
10. a) Renal rickets. 3+3+4  
b) Vitamin D dependent rickets.  
c) Osteomalacia.

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