

**PHYSICAL MEDICINE & REHABILITATION**

PAPER – II

Time : 3 hours  
Max. Marks : 100

PMR/D/17/35 /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. Describe in detail the role of custom moulded foot orthosis in management of foot pain due to various etiologies. 10
2. Discuss cumulative trauma disorder. Write about any two examples and its management. 10
3. Describe the X-ray and MRI features in various stages of ankylosing spondylitis at the sacroiliac joint. 10
4. Write about lumbar canal stenosis with respect to its most common clinical presentation, differential diagnosis, relevant investigations and management. 10
5. Define osteoporosis. Write about role of bisphosphonates in management of osteoporosis. 3+7
6. Describe the various principles of hand splinting with examples. 10
7. Describe the etiopathogenesis and management of shoulder hand syndrome. 10
8. What are the rehabilitation implications of short, medium and long stump in below elbow amputation? 10
9. a) Pes plano valgus  
b) Pes cavus 5+5
10. Body measurements for wheel chair prescription (with diagram) 10

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