

**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<br>b) Pes cavus  | 5+5 |
| 10. Body measurements for wheel chair prescription (with diagram)   | 10  |

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