

PHYSICAL MEDICINE & REHABILITATION
PAPER-I

PMR/J/18/35/I

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. | Significance of HLA B-27 typing. | 10 |
| 2. | Role of rheumatoid factor in diagnosis and prognostication of rheumatoid arthritis. | 10 |
| 3. | Clinico radiological assessment of lumbar canal stenosis | 10 |
| 4. | Investigations for vertebrobasilar insufficiency due to cervical spondylosis | 10 |
| 5. | Significance of latency studies in Carpal Tunnel Syndrome. | 10 |
| 6. | Cryotherapy in musculoskeletal conditions. | 10 |
| 7. | Describe the deep tendon reflex arc & draw a diagram of the same. | 7+3 |
| 8. | Discuss role of bone mineral density assessment and Teriparatide therapy in management of osteoporosis. | 10 |
| 9. | Describe various types of levers in the human body with an illustration of each. | 10 |
| 10. | Describe the role of determinants of human gait in various phases of gait cycle. | 10 |
