

PHYSICAL MEDICINE & REHABILITATION**PAPER-IV**Time: 3 hours
Max. Marks:100

PMR/J/19/35/IV

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. Laboratory investigation for tuberculosis. | 10 |
| 2. Denosumab and Bisphosphonates in osteoporosis. | 5+5 |
| 3. Robotics in Rehabilitation – Potential Areas and future implications. | 10 |
| 4. Highlights of the Right of Person with Disability Act, 2016. | 10 |
| 5. Dietary and Vaccination recommendations for chronically ill patients with reduced cardiopulmonary function. | 5+5 |
| 6. Instrumental Gait Analysis. | 10 |
| 7. Multiple Regression Analysis. | 10 |
| 8. Intelligent Prosthesis. | 10 |
| 9. Tethered Cord Syndrome. | 10 |
| 10. Disability evaluation in a person with spinal deformity. | 10 |
