

PHYSICAL MEDICINE & REHABILITATION  
PAPER-IV

PMR/J/18/35/IV

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:

- |     |                                                                                                                                                                   |       |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1.  | Discuss various kinds of issues related to caregivers of cerebral palsy.                                                                                          | 10    |
| 2.  | Enumerate effects of prolonged immobilization in bed-ridden patients. Discuss strategies to prevent them.                                                         | 3+7   |
| 3.  | Describe step by step approach for the management of autonomic dysreflexia.                                                                                       | 10    |
| 4.  | Discuss indications, contraindications and complications of use of Intrathecal baclofen in patients with spinal cord injury.                                      | 4+2+4 |
| 5.  | Discuss about types and management of sexuality issues in patients with spinal cord injury.                                                                       | 10    |
| 6.  | Discuss the role of biologics in the management of rheumatoid arthritis.                                                                                          | 10    |
| 7.  | Discuss etiopathology and management of fibro-fasciitis.                                                                                                          | 10    |
| 8.  | Compare the use of ultrasonography and MRI imaging in the diagnosis of rotator cuff pathology in the shoulder.                                                    | 10    |
| 9.  | List various types of prosthetic foot and ankle assemblies. Discuss about biomechanical principles and advantages of energy storing type of foot ankle mechanism. | 3+7   |
| 10. | Discuss categories of disabilities included in of Rights of Persons with Disability Act, 2016.                                                                    | 10    |

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