

PHYSICAL MEDICINE & REHABILITATION

PAPER-IV

Time: 3 hours
Max. Marks:100

PMR/D/20/35/IV

Important Instructions:

- *You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.*
- *Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.*
- *No additional supplementary answer sheet booklet will be provided.*
- *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. | Impact of Covid-19 infection in persons with disabilities and the role of PMR specialist in rehabilitation of Covid-19 afflicted. | 5+5 |
| 2. | Rights of Persons With Disability (RPWD) Act and its implications on the life of the disabled. | 10 |
| 3. | Explain the role of Biofeedback in rehabilitation medicine. | 10 |
| 4. | Targeted muscle re-innervation. | 10 |
| 5. | Functional electrical stimulation. | 10 |
| 6. | Discuss the different types of study designs used in medical research with their advantages and limitations. | 10 |
| 7. | Explain the basic concepts in disability assessment and certification as per the latest guidelines. | 10 |
| 8. | Melodic intonation therapy. | 10 |
| 9. | Modern prosthetic hand terminal devices. | 10 |
| 10. | Role of Radiofrequency neurotomy in Rehabilitation Medicine. | 10 |
