

QP Code: 212376

Reg. No: .....

**Second Year MPT Degree Regular/Supplementary Examinations  
January 2023  
Paper II - Physiotherapeutics  
(Common for all specialities)  
(2016 Scheme)**

Time: 3 Hrs

Max. Marks: 100

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers* • *Draw diagram wherever necessary*

**Essays**

**(2x20=40)**

1. What is myofascial release. Describe the different soft tissue mobilization and myofascial release technique. What are the contraindications to myofascial release and soft tissue mobilization.
2. Explain the role of latency, shape, amplitude and Nerve Conduction Velocity (NCV) in a NCS. Within this explanation, compare and contrast the information provided by normal and abnormal findings.

**Short Notes**

**(10x6=60)**

3. Strength - duration (i/t) curve and chronaxie test for electro diagnosis
4. Principles of self-management and exercise instruction
5. Assessment and methods for application of positional release technique
6. Principles of aerobic exercise
7. Transcutaneous electrical stimulation for pain relief
8. Write about the application of resisted exercises in exercise therapy
9. Write about the technique of postural re-education
10. Briefly describe the physiological variables affecting electrophysiological tests
11. Mention three recent evidences for the use of electrotherapy methods in wound healing
12. Describe on physiology of pain

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