

QP Code: 212376

Reg. No:

**Second Year MPT Degree Regular/Supplementary Examinations
February 2022
Paper II – Physiotherapeutic s
(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. Explain in details the effects of immobilization on musculoskeletal, cardio respiratory and nervous system. Rationale the application of various physiotherapeutic modalities appropriate in managing the effects of immobilization.
2. Describe in detail the principles, biomechanics, normal responses, sensitizing tests, application methods, indications and variations of the base tests of neural tension testing.

Short Notes

(10x6=60)

3. Factors affecting nerve conduction.
4. Stress incontinence.
5. Electrical properties of tissues.
6. Strength duration curve.
7. Cryotherapy.
8. Common aerobic exercises and its effects on the spine.
9. EMG Bio-feedback.
10. Balance training.
11. Mat activities in functional rehabilitation.
12. M-Response and f-Wave.
