

QP Code: 213386

Reg. No.....

**Second Year MPT Degree Supplementary Examinations
October 2021**

Paper III - Musculoskeletal and Sports Physiotherapy

(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*

Essays

(2x20=40)

1. Describe Maitland concept and various grades of mobilization technique.
Discuss Maitland concept approach to treat cervical spine disorders.
2. Describe the fitness testing for a professional football team, including physical, physiological and psychological aspects.

Short Notes

(10x6=60)

3. Documentation skills and its importance in rehabilitation of patients.
4. Nutritional requirements in long distance runners during training. Describe the term Runner's high. (4+2)
5. List down the various complications of fractures and discuss in detail the PT management for any one complication. (3+3)
6. Discuss the physiotherapy management after total knee replacement surgery.
7. Clinical evaluation and taping technique for tennis elbow. (3+3)
8. Describe the application of international classification of functioning, disability and health (ICF) in physiotherapy practice.
9. Assessment and management of hamstring muscle injury.
10. Pre-activity and off season conditioning in sports.
11. Open kinematic vs closed kinematic chain training.
12. Role of physiotherapy in work station designing for a computer professional.
