

QP Code: 211376

Reg. No.....

**Second Year MPT Degree Supplementary Examinations June 2023
Paper I – Applied Basic Sciences**

(2016 Scheme)

(Common for all Specialties)

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. Explain about the arches of the plantar vault and Pathomechanics.
2. Explain the role of physiotherapist in industrial set up.

Short Notes

(10x6=60)

3. Obesity and weight control.
4. Nutrition and performance.
5. Type I and II Error.
6. Functional adaptation of bone.
7. Special aids in sports performance.
8. Survey research.
9. Closed pack position and loose pack position of joint.
10. Types of muscle fiber.
11. Plyometric.
12. Back care for physiotherapist in clinics.
