

QP Code: 211376

Reg. No.....

**Second Year MPT Degree Supplementary Examinations June 2025
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. Describe in detail about biomechanics and pathomechanics of thorax and abdomen in respiration.
2. Explain the role of physiotherapists in industrial set up.

Short Notes

(10x6=60)

3. Pathomechanics of vertebral column
4. Statistical Reasoning
5. Exit Assessment
6. Static deformities in knee joint
7. Adult education
8. Common pathological gaits.
9. The effects of exercise on the pulmonary system.
10. Worker care spectrum
11. Uses of vital statistics
12. Special aids in sports performance
