

QP Code: 211376

Reg. No.....

**Second Year MPT Degree Regular/Supplementary Examinations
March 2021**

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 the phases of the gait cycle.
2. Describe in detail about obesity and weight control

Short Notes

(10x6=60)

3. Position of greatest hip stability
4. Role of physiotherapy in industrial design
5. Job analysis
6. Aerobic power training
7. Age related changes in cardio vascular system in old age people
8. Plyometrics
9. Hypothesis testing
10. Analysis of variance
11. Selection of subjects for research design
12. Publishing and presentation of research.
