

QP Code: 211376

Reg. No.....

Second Year MPT Degree Regular/Supplementary Examinations

February 2022

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. Discuss about exercise at different altitudes and various climatic conditions.
2. Describe about injury prevention and ergonomics.

**Short Notes**

**(10x6=60)**

3. Measurement tools for physiotherapy research.
4. Biomechanics of peripheral nerves.
5. Acclimatization.
6. Glycemic index.
7. Methods of sampling.
8. Biomechanics of elbow joint.
9. Knee joint stability.
10. Mechanical properties of articular cartilage and its response to injury.
11. Theories of pain.
12. Balance and equilibrium.

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