

QP Code: 211376

Reg. No.....

Second Year MPT Degree Regular/Supplementary Examinations

December 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. Discuss the factors affecting the stability and mobility of ankle and foot and its pathomechanics of muscle paralysis
2. Discuss about exercise at different altitudes and various climatic conditions

Short Notes

(10x6=60)

3. Research ethics
4. Anaerobic power training
5. How to control ergonomic risk factors
6. Carbohydrate loading diet
7. Types of muscle fiber
8. Types of Research Validity
9. Obesity and weight control
10. Publishing and presenting the Research
11. Nutrition and Performance
12. Job task analysis

CORRECTION / NO-CORRECTION FILE
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QPCODE: 211376

Dated: 01-12-2025

Question No.1

Modified as "Discuss the factors affecting the stability and mobility of ankle joint and explain the patho-mechanics of Congenital Talipes Equino Varus (CTEV)." (10+10)

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS