

QP Code: 211376

Reg. No.....

**Second Year MPT Degree Examinations October 2018**

**Paper I – Applied Basic Sciences**

**(2016 Scheme)**

**(Common for all Specialties)**

**Time: 3 hrs**

**Max. Marks: 100**

- **Answer All Questions**

**Essays**

**(2x20=40)**

1. Describe in detail about the joint motion and muscle activity in running gait.
2. Explain in detail about exercise at different altitudes

**Short Notes**

**(10x6=60)**

3. Compare hammer toes and claw toes
4. Educational programme for prevention of injury
5. Work capacity analysis
6. Exercise and aging
7. Age related changes in sensory system in old age people
8. Genu Valgum
9. Tests of significance
10. Research ethics
11. Single system experimental design
12. Sampling methods

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