



**QP Code: 211376**

**Reg. No.....**

**Second Year MPT Degree Regular Examinations October 2019**

**Paper I – Applied Basic Sciences**

**(2016 Scheme)**

**(Common for all Specialties)**

**Time: 3 hrs**

**Max. Marks: 100**

- **Answer All Questions**

**Essays**

**(2x20=40)**

1. Explain about the arches of the plantar vault and pathomechanics.
2. Explain the scale of measurements in research with physiotherapeutic examples for each scale

**Short Notes**

**(10x6=60)**

3. Role of arm in maintaining body equilibrium
4. Closed kinetic chain.
5. Types of sampling techniques.
6. Qualitative research.
7. Uses of vital statistics
8. Anaerobic training.
9. Swan neck deformity.
10. Body surface area in Anthropometric Measurements
11. Stability of wrist joint
12. Test of significance.

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