

**QP Code: 211376**

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

**Second Year MPT Degree Supplementary Examinations June 2024  
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 static, dynamic stabilization of glenohumeral joint and altered rhythm of shoulder complex with paralyzed deltoid
2. Explain in detail about the functional adaptation of bone under pathological condition

**Short Notes**

**(10x6=60)**

3. Back care for physiotherapist in clinics
4. Role of arm in maintaining body equilibrium
5. Hypothesis
6. Non experimental research
7. Fatigue and recovery
8. Industrial injury prevention and ergonomics
9. Isometric training
10. Survey research
11. Pathomechanics of antalgic gait
12. Measurement tools for physiotherapy research

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