

**QP Code: 212376**

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

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

**Paper II - Physiotherapeutics  
(Common for all specialities)  
(2016 Scheme)**

**Time: 3 Hrs**

**Max. Marks: 100**

- **Answer all questions**

**Essays**

**(2x20=40)**

1. Define traction. Classify various types of spinal traction. Describe indication, contraindication and therapeutic effect of spinal traction. Explain the procedure for mechanical traction for lumbar spine.
2. Explain in detail the neuro physiological principles and treatment principles of proprioceptive neuromuscular facilitation techniques. Describe about various proprioceptive neuromuscular facilitation techniques to improve stability.

**Short Notes**

**(10x6=60)**

3. Lower limb tension test.
4. Properties of fast and slow pain fibers.
5. Exercise and education for osteoporosis.
6. Fryett's law for spinal motion analysis.
7. Dysfunction syndrome.
8. Vector sweep in interferential current.
9. Principles of stabilization training.
10. Arndt – Schultz principle.
11. Reverse Natural Apophyseal Glides (RNAG).
12. Skin fold measurement.

\*\*\*\*\*