

Q.P.Code 101376**Reg. No.:.....****First Year MPT Degree Examinations - November 2014****Basic Sciences****Time : 3 hrs****Max marks : 100**

- Answer all questions.

Essays**(5x20=100)**

1. Explain in detail different types of abnormal gaits along with its clinical application. Add a note on gait re-education for paraplegic patients.
2. Explain the effect of exercise on cardiovascular system of an individual in an altitude of 1500 meter above sea level
3. List the properties of muscle. Explain the neuromuscular junction with its malfunction and its clinical features with management
4. Describe the centre of gravity of the body
 - Lying
 - Walking
 - Standing
 - Running
5. Mention the Electro diagnostic features of neurotmesis of ulnar nerve
