

**Q.P.Code 101376**

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

First Year **MPT** Degree Supplementary Examinations - March 2013

Basic Sciences

**Time: 3 hrs**

**Max marks : 100**

- Answer all questions.

**Essays**

**(5x20=100)**

1. Explain in detail about the influences of temperature and altitude on the body systems during exercise.
2. Define obesity. How will you plan a weight control program for an obese person.
3. Explain the role of physiotherapist in injury prevention in corporate industrial setup
4. Discuss in detail the biomechanics of normal gait. Add a note on the patho-mechanics of tendelenberg gait.
5. Explain the various electrophysiological testing used for monitoring the activity of heart.

\*\*\*\*\*