



[LK 751]

MAY 2017

Sub. Code: 8151

MPT DEGREE EXAMINATION
(Common to all Branches)
FIRST YEAR
PAPER I – APPLIED BASIC SCIENCES

Q.P. Code : 278151

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about the functional adaptation of bone under pathological conditions.
2. Explain the role of physiotherapist in industrial set up.

II. Write notes on:

(10 x 6 = 60)

1. Pathomechanics of vertebral column.
2. Balance and equilibrium.
3. Qualitative research.
4. Publishing and presenting the research.
5. Mechanics of joint and muscle action.
6. Nutrition and performance.
7. Exercise at different altitudes.
8. Obesity and weight control.
9. Job task analysis.
10. Anaerobic training.
