



[LQ 751]

**NOVEMBER 2020
(MAY 2020 SESSION)**

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. Discuss the factors affecting the stability and mobility of Ankle and foot and its pathomechanics of muscle paralysis.
2. Discuss about exercise at different altitudes and various climatic conditions.

II. Write notes on:

(10 x 6 = 60)

1. Back care for physiotherapist in clinics.
2. Closed kinematic chain exercises.
3. Role of arm in maintaining body Equilibrium.
4. Test of Significance.
5. Swanneck Deformity.
6. Neuromuscular fatigue.
7. Plyometrics.
8. Biomechanics of elbow joint.
9. Job analysis.
10. Co-publishing physiotherapy research.

