



[MPT 0321]

**MARCH 2021
(OCTOBER 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. Explain in detail about movement of the upper extremity in closed and open kinematic chain.
2. Define Sampling. Write in details about the principles, methods, design and process of Sampling.

II. Write notes on:

(10 x 6 = 60)

1. Pilot study.
2. Fatigue and recovery.
3. Precompetition meal.
4. Postural examination.
5. Industrial Injury prevention and ergonomics.
6. AV aids.
7. Sport diving.
8. Isometric training.
9. Pathomechanics of antalgic gait.
10. Hypothesis.
