

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LQ 153]

NOVEMBER 2020
(MAY 2020 SESSION)

Sub. Code: 8153

MPT DEGREE EXAMINATION
(Common to all Branches)
(Regulations for the candidates admitted from 2018-2019 onwards)
FIRST YEAR
PAPER I – APPLIED BASIC SCIENCES

Q.P. Code : 278153

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write an essay on altered biomechanics of the degenerative conditions.
2. Different types of Data Collection. Give a note on most appropriate type of data collection in physiotherapy practice.

II. Write notes on:

(10 x 6 = 60)

1. Domains of learning.
2. Job analysis.
3. Nutation and counter nutation.
4. Energy expenditure during walking and running.
5. Review of Literature.
6. Methods of Sampling.
7. Kinetics of Patello Femoral joint during Squat Exercise.
8. Injury prevention and Ergonomics.
9. Micro teaching.
10. Characteristics of skeletal muscle fibers.
