

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

[LP 154]

OCTOBER 2019

Sub. Code: 8154

MPT DEGREE EXAMINATION
(Common to all Branches)
(Regulations for the candidates admitted from 2018-2019 onwards)
FIRST YEAR
PAPER II – PHYSIOTHERAPEUTICS

Q.P. Code : 278154

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the aquatic therapy physical law, physiological effects, advantage and disadvantage and describe its clinical application for Alzheimer's disease.
2. Describe in detail the construction and working of valve diathermy circuit elaborate on biophysical, biochemical, therapeutic effects and methods of application of Long wave Diathermy.

II. Write notes on:

(10 x 6 = 60)

1. Traditional electrophysiological techniques.
2. Role of physiotherapeutic in psychosomatic pain.
3. Electro Neuro Myography.
4. Di-dynamic Currents.
5. Application of LASER in diabetic ulcer.
6. Electrical Properties of tissues.
7. Biomechanical principles in Manual therapy.
8. Principles of evidence based clinical application of electro therapeutics.
9. Positional release techniques.
10. Articular Neurology.
