

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

[LR 1220]

DECEMBER 2020
(AUGUST 2020 EXAM SESSION)
BPT DEGREE EXAMINATION
FOURTH YEAR

Sub. Code: 6259

PAPER I – ELECTROTHERAPY – I (LMF)
Q.P. Code : 746259

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the Peripheral Nerve Injuries. Add a note on Physiotherapy management for Radial Nerve Injury.
2. What is Iontophoresis? Describe in detail the principle Iontophoresis. Add a note on the ions, physiological and therapeutic effects of Iontophoresis.

II. Write notes on:

(8 x 5 = 40)

1. Indication and Therapeutic uses of Biofeedback.
2. Earth Shock.
3. Burst TENS.
4. Types of electrode used in IFT.
5. Strength Duration Curve.
6. Sinusoidal Current.
7. Quadriceps lack.
8. Faradic coil.

III. Short answer on:

(10 x 2 = 20)

1. Rheostat.
2. Rheobase.
3. Fibrillation potential.
4. Ohm's Law.
5. Russian Current.
6. Trigger Point.
7. Kinked Curve.
8. Faradic Galvanic test.
9. Functional Electrical Stimulation.
10. Capacitor.
