

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

[LP 6259]

AUGUST 2019

Sub. Code: 6259

**BPT DEGREE EXAMINATION
THIRD YEAR
PAPER I – ELECTROTHERAPY – I (LMF)
Q.P. Code : 746259**

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the Pain pathway, theories of pain and types of Pain in detail.
2. Explain about the indications, contraindications and methods of application of interrupted direct current.

II. Write notes on:

(8 x 5 = 40)

1. Types of electrodes used in interferential therapy.
2. Brief intense TENS.
3. Synapse.
4. Sinusoidal waveform.
5. Prevention of shock.
6. Functional electrical stimulation.
7. 'F' wave.
8. Wrist drop.

III. Short answer on:

(10 x 2 = 20)

1. Frequency.
2. Sweep.
3. Motor unit.
4. Chronaxie.
5. Anodal Galvanism.
6. Labile treatment.
7. Rectifier.
8. Hyperalgesia.
9. Effects of zinc ionization.
10. Electrolytic burns.
