

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

[LQ 6259]

FEBRUARY 2020

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. Define Interferential Therapy. Explain its parameters. Describe the methods of application and therapeutic effects of Interferential Therapy.
2. Describe the types of Low frequency current.
 - a) Faradic type current
 - b) Interrupted Galvanic current

II. Write notes on:

(8 x 5 = 40)

1. What are the Therapeutic uses of electricity?
2. Explain Faradic Foot bath.
3. Sweep frequency.
4. Ions used in Iontophoresis.
5. Bio-feed back.
6. Define Erb's palsy and its management.
7. Types of Nerve lesions.
8. Voltmeter.

III. Short answer on:

(10 x 2 = 20)

1. Difference between facial palsy and Bell's palsy.
2. Sinusoidal current.
3. Pulse width.
4. Diode valves.
5. Accommodation.
6. Switches.
7. Variable Transformer.
8. F wave.
9. Define Earth shock.
10. Resistance in parallel.
