

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

[LO 6259]

FEBRUARY 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. Define TENS. Describe the methods of application and the physiological effects and contraindications of TENS.
2. Define Faradic current. Physiological, therapeutic effects indication and contraindications of Faradic current.

II. Write notes on:

(8 x 5 = 40)

1. Bell's palsy.
2. Different theories of pain.
3. Methods of application of iontophoresis.
4. Explain different types of Wave forms.
5. Functional electrical stimulation.
6. Therapeutic and physiological effects of sinusoidal current.
7. Define transformer and types of transformer.
8. Deltoid inhibition.

III. Short answer on:

(10 x 2 = 20)

1. Choke coil.
2. Faradic galvanic test.
3. H.reflex.
4. Lenz's law.
5. Capacitance.
6. Fuse.
7. Glide meister effect.
8. Orthrodomic conduction.
9. Shock.
10. Foot drop.
