

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

[BPT 0921]

**SEPTEMBER 2021
(FEBRUARY 2021 EXAM SESSION)**

Sub. Code: 6259

**BPT DEGREE EXAMINATION
THIRD YEAR - (Regulations of 2004-2005 and 2006-2007 admitted candidates are
merged with 2010-2011)
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. Define Faradic current. Physiological, therapeutic effects indication and contraindications of Faradic current.
2. What is Biofeedback? Describe in detail the principles of Biofeedback. Add a note on the uses of Biofeedback.

II. Write notes on:

(8 x 5 = 40)

1. Bell's palsy.
2. Define transformer and types of transformer.
3. Deltoid inhibition.
4. Neurophysiology of pain.
5. Production of therapeutic Ultrasound.
6. Describe the clinical implication of SD curve test.
7. Physiological effects of Interferential Current.
8. Pain modulation.

III. Short answer on:

(10 x 2 = 20)

1. Faradic galvanic test.
2. Fuse.
3. H.reflex.
4. Shock.
5. Foot drop.
6. Surging.
7. Resting membrane potential.
8. Motor point.
9. Ohm's law.
10. Ions used in Iontophoresis.
