

[LG 6259]

FEBRUARY 2015

Sub. Code: 6259

**THIRD YEAR BPT EXAMINATION**  
**PAPER I – ELECTROTHERAPY – I (LMF)**

*Q.P. Code : 746259*

**Time: Three hours****Maximum: 100 Marks****I. Elaborate on:****(2 x 20 = 40)**

1. Write about Strength Duration curve. Discuss the Strength Duration curve in a case of a Peripheral Nerve Injury which has started regenerating.
2. Define Transcutaneous Electrical Nerve Stimulation. Describe the parameters, Types, Electrode Placement, Advantages, Disadvantages and Contra Indications of Transcutaneous Electrical Nerve Stimulation.

**II. Write notes on:****(8 x 5 = 40)**

1. Radial Nerve Palsy
2. Triode Valve
3. Rectifiers
4. Interferential Therapy
5. Pain Gate Theory
6. Smart Bristow Faradic Coil
7. Electric Shock
8. Faradism Under Pressure

**III. Short answer on:****(10 x 2 = 20)**

1. Joule's Law
2. Types of Electric Currents
3. Fuse
4. H reflex
5. Ohm's Law
6. Electro Magnetic Induction
7. Voltmeter
8. Hyper Hydrosis
9. Action Potential
10. Rheostat

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