

[LI 6259]

FEBRUARY 2016

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. Define Interferential Current. Explain in detail types, indication contraindication, Physiological effect and dangers, parameter of Interferential Current.
2. Explain in detail about the Therapeutic and Physiological effects, uses and techniques of treatment with Interrupted Direct Current.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Radial Nerve Palsy.
2. Thermionic Valves.
3. Potentiometer.
4. Transcutaneous Electrical Nerve Stimulation.
5. Faradic Galvanic Test.
6. Deltoid Inhibition.
7. Faradism Under Pressure.
8. Pain Pathway.

**III. Short answer on:**

**(10 x 2 = 20)**

1. Chronaxie.
2. Capacitance.
3. Ions and its uses.
4. Define Farad and Watt.
5. Variable Transformer.
6. Resistance and its types.
7. Kink in Strength Duration Curve.
8. Fatigue Test.
9. Characteristics of Denervated Muscle.
10. Waveforms of Faradic Type Current.

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