

[LJ 6259]

AUGUST 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 transcutaneous electrical nerve stimulation. Describe the parameters, types and physiological effects of transcutaneous electrical nerve stimulation.
2. What is Bio-feedback? Describe the parameters and uses of Bio-feedback.

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

1. Safety devices used in electrotherapy.
2. Wallerian degeneration.
3. Faradic footbath.
4. Electromyography.
5. Parameters of interferential therapy.
6. Indications of faradic current.
7. Transformer.
8. Strength duration curve.

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

1. Sterodynamic interferential therapy.
2. Motor point.
3. Tinel's sign.
4. Russian current.
5. What is accommodation? How to prevent it?
6. Faradic galvanic test.
7. Ohm's law.
8. H reflex.
9. Dangers of direct current.
10. Neurotemesis.

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