

[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.
