

[LK 6259]

FEBRUARY 2017

Sub. Code: 6259

BPT DEGREE EXAMINATION
THIRD YEAR
PAPER I – ELECTROTHERAPY – I (LMF)
Q.P. Code : 746259

Time: Three hours**Maximum: 100 Marks**

I. Elaborate on: **(2 x 20 = 40)**

1. What is Strength Duration Curve? Write the procedure of doing Strength Duration Curve. Describe the characteristic of curve in peripheral nerve lesion.
2. Define Faradic current. Describe the surging of Faradic current. Discuss the therapeutic effects of Faradic current.

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

1. Gate control theory of pain.
2. Methods of application of interferential therapy.
3. Uses of biofeedback.
4. Fuse.
5. Earth shock.
6. Effects of a direct current.
7. Semiconductors.
8. Indications and contra-indications of interferential therapy.

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

1. Rheostat.
2. Glidemeister effect.
3. H reflex.
4. Action potential.
5. Iontophoresis.
6. Acute pain.
7. Advantages of interferential therapy.
8. Impedance.
9. Types of electrodes.
10. Preparation of patient for electrical stimulation.
