

[LD 6259]**AUGUST 2013****Sub. Code: 6259****THIRD YEAR BPT EXAM****PAPER I – ELECTROTHERAPY – I(LMF)*****Q.P. Code : 746259*****Time: Three Hours****Maximum: 100 marks****I. Elaborate on:****(2X20=40)**

1. Define faradic current. Write briefly about modified faradic currents and discuss their physiological effects. Add a note surging of faradic current?
2. What are the different types of electrical tests done in electrotherapy department?

II. Write Notes on:**(8X5=40)**

1. Faradic – IDC test.
2. Glidemester effect.
3. Modulation and classification of TENS
4. Sterodynamic IFT
5. Treatment for neuroproxia of Radial nerve.
6. Functional electrical stimulation
7. Fuse
8. Pain gate theory.

III. Short Answer:**(10X2=20)**

1. Types of electric current.
2. Ions
3. Maximum voluntary isometric contraction
4. Orthodromic conduction
5. Jouel's Law
6. Chronaxie
7. Compound motor unit action potential
8. Capacitance
9. F wave
10. Syncopated rhythm
