

August 2011**[KZ 6259]****Sub. Code : 6259****BACHELOR OF PHYSIOTHERAPY EXAMINATION****THIRD YEAR****Paper I – ELECTROTHERAPY – I (LMF)****Q.P. Code : 746259****Time : Three hours****Maximum : 100 marks****ANSWER ALL QUESTIONS****I. LONG ESSAYS****(2X20=40)**

1. What is Biofeedback? Describe in detail the principles of Biofeedback. Add a note on the uses of Biofeedback.
2. What is surged faradism? Describe in detail the mechanism of production of faradic current. Add a note on the physiological and therapeutic effects of faradic current.

II. SHORT NOTES**(8X5=40)**

1. Recording electrodes for electromyography.
2. Neurophysiology of pain.
3. Parameters of Interferential therapy.
4. Propagation of action potential.
5. Diadynamic currents.
6. Physics of Iontophoresis.
7. H-reflex.
8. Therapeutic uses of electricity.

III. SHORT ANSWERS**(10X2=20)**

1. Latency.
2. What is Electromyography?
3. Uses of biofeedback.
4. Sinusoidal current.
5. Resting membrane potential.
6. Factors affecting accuracy of strength duration curve.
7. Shape of interrupted galvanic current.
8. Dangers of Iontophoresis.
9. Motor point.
10. Ions used in Iontophoresis.
