

August 2011**[KZ 6260]****Sub. Code : 6260****BACHELOR OF PHYSIOTHERAPY EXAMINATION****THIRD YEAR****Paper II – ELECTROTHERAPY II (HF)****Q.P. Code : 746260****Time : Three hours****Maximum : 100 marks****ANSWER ALL QUESTIONS****I. LONG ESSAYS****(2X20=40)**

1. Define Ultra violet radiation . Explain the various types of generators and its production.
2. Define Ultra sound. Explain the Treatment parameters and Physiological effects of ultrasound.

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

1. Pulsed short wave diathermy
2. Types and properties of laser
3. Laws governing radiation
4. Hydro collator pack
5. Applicator of microwave diathermy
6. Condenser field method
7. Infrared generators
8. Methods of application of cryotherapy

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

1. Eddy current
2. Magnetron
3. Drugs used in phonophoresis
4. Structure of skin
5. Theraktin tunnel
6. Erythema
7. Dangers of shortwave diathermy
8. Definition of LASER
9. Physical properties of wax
10. Contraindication of cryotherapy
