

[LH 6260]

AUGUST 2015

Sub. Code: 6260

B.P.T. DEGREE EXAMINATION**THIRD YEAR****PAPER II – ELECTROTHERAPY – II (HF)***Q.P. Code: 746260***Time : Three Hours****Maximum : 100 marks****Answer ALL questions****I. Elaborate on:****(2 x 20 = 40)**

1. Explain the production of short wave diathermy with circuit diagram and explain about physiological and therapeutic effects of short wave diathermy.
2. Describe the production of Infrared Radiation. Mention about its type of generators and its working. Explain about the techniques of the treatment.

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

1. Production of microwave diathermy.
2. Excitatory cold.
3. Kromayer lamp.
4. Whirlpool bath.
5. Heat transmission.
6. Laser and its properties.
7. Indications and contra indications of ultra violet radiations.
8. Ultra sound – thermal and non-thermal effects.

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

1. Triode valve.
2. Phonophoresis.
3. Damping of oscillations.
4. Lasing medium.
5. Piezo-electric effect.
6. Desquamation.
7. Any four methods of application of paraffin wax.
8. Ice towel method.
9. Coupling medium.
10. Eddy currents.
