

[LG 6260]

FEBRUARY 2015

Sub. Code: 6260

**THIRD YEAR BPT EXAMINATION  
PAPER II – ELECTROTHERAPY – II (HF)**

*Q.P. Code : 746260*

**Time: Three hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain in detail about the technique of application of “Laser” and its effects in pain relief, wound healing and in musculoskeletal condition.
2. Define heat and explain in detail about physical effects and transmission of heat. Add a note on apparatus, indications and contra indications, technique of application of liquid paraffin wax bath.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Electro magnetic spectrum
2. Modality of treatment and dosage for psoriasis
3. Therapeutic effects of short wave diathermy
4. Techniques of application of ultra sound
5. Physiological effects of ultra violet radiation
6. Dangers and contra indications for cryotherapy
7. Luminous generators
8. Contrast bath

**III. Short answers on:**

**(10 x 2 = 20)**

1. Method of application of SWD
2. Magnetron
3. Oscillator circuit
4. Photo sensitization
5. Triode valve
6. Latent heat of fusion
7. Parameters of ultrasound
8. Eddy currents
9. Plantar warts
10. Thermostat

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