

[LI 6260]

FEBRUARY 2016

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. Indications, contraindications and dangers of Ultraviolet Radiation (UVR).
2. Describe physiological effects of Ultrasound Therapy, its techniques of application and contraindications.

II. Write notes on:

(8 x 5 = 40)

1. Difference between nonluminous and luminous generators of IRR.
2. Hydrocollator pack.
3. Transmission of heat.
4. UVR for Skin wounds.
5. Contraindications of Cryotherapy.
6. Physical Properties of LASER.
7. Dangers of Micro Wave Diathermy (MWD).
8. Therapeutic uses of Short Wave Diathermy (SWD).

III. Short answers on:

(10 x 2 = 20)

1. Depth of penetration of Ultrasound Therapy.
2. Define frequency.
3. Dangers of Infrared radiation.
4. Physical properties of wax.
5. Wavelength of lasers.
6. Cryokinetics.
7. Conduction.
8. Puva apparatus.
9. Duty cycle.
10. Wavelength of Ultraviolet rays B (UVB).
