

[LK 6260]

FEBRUARY 2017

Sub. Code: 6260

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

*Q.P. Code : 746260*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Define Microwave Diathermy. Explain in detail about the indication, contraindication, production, physiological, therapeutic effects and its danger.
2. Describe in detail about principles and techniques of application of Cryotherapy. Add a brief note on indications and contra indications of Cryotherapy.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Spacing in SWD.
2. Laws governing radiation.
3. Magnetron.
4. Treatment parameters of ultrasound.
5. Alpine sun lamp.
6. Ruby laser.
7. Circuit diagram production of SWD and its label.
8. Filters used in UVR.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Test dose.
2. Photosensitizers.
3. Patient circuit.
4. Define Inductothermy.
5. Drugs used in Phonophoresis.
6. Attenuation.
7. Parameters of pulsed Shortwave Diathermy.
8. Frequency and wavelength of SWD.
9. Latent heat fusion.
10. Tridymite formation.

\*\*\*\*\*