

[LM 6260]

FEBRUARY 2018

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. Discuss in detail about production of ultrasound and explain its various physiological & therapeutic effects of ultrasound. Add a note on Phonophoresis.
2. Define Laser. Describe briefly about properties of Laser. Write in detail about physiological and therapeutic effects of Laser.

II. Write notes on:

(8 x 5 = 40)

1. Management of low back pain.
2. Pulsed SWD and its application.
3. Physiological effects of heat.
4. Therapeutic effects and uses of cryotherapy.
5. Properties of HF current.
6. Cross fire method in SWD.
7. Vapocoolant spray.
8. Emitters and its types.

III. Short answers on:

(10 x 2 = 20)

1. PUVA regimen.
2. Minimal erythmal dose.
3. Inverse square law.
4. Indications for UVR.
5. Techniques of application of UST.
6. Indication and contraindications of moist heat packs.
7. Convection.
8. Cryokinetics.
9. Physical properties of paraffin wax.
10. Laws governing radiation.
