

[LF 6260]

AUGUST 2014

Sub. Code: 6260

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

Q.P. Code : 746260

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Define Micro Wave Diathermy. Explain the production, applicators, therapeutic effects and contra indication of MWD.
2. Define moist heat. Explain the apparatus, technique, indication, contra indication and advantages of hydrocollator pack.

II. Write Notes on:

(8X5=40)

1. Physical effects and transmission of heat.
2. Contrast bath.
3. Therapeutic Effects of ultrasound.
4. Properties and technique of LASER.
5. Pulsed shortwave diathermy.
6. Hubbard tank.
7. Physiological effects of UVR.
8. Generators of IRR.

III. Short Answer:

(10X2=20)

1. Vapocoolant spray.
2. Power density of laser.
3. Buoyancy.
4. Actinotherapy.
5. Inverse square law.
6. Transducer.
7. Ionization.
8. Ice burn.
9. UVR new dose calculation formula.
10. Variable condenser.
