

[LD 6260]

AUGUST 2013

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. Explain the physical effects of heat and the laws governing radiations.
2. Describe the properties of laser. Explain the principles of application of low level laser and physical and therapeutic effects of laser.

II. Write Notes on:

(8X5=40)

1. Techniques of application in phonophoresis.
2. Electrode placement in Condenser field method in short wave diathermy.
3. Physiological effect and therapeutic effect of ultraviolet radiation.
4. Whirlpool bath
5. Dangers with infrared radiations.
6. Biological effects of pulsed shortwave diathermy.
7. Dip method in paraffin wax application
8. Cold spray

III. Short Answers:

(10X2=20)

1. Cavitation
2. Convection and radiation
3. Electrostatic field
4. Desquamation
5. Piezo-electric effect
6. Cryokinetics
7. Electric shock
8. Coupling medium
9. Thermostat
10. RICE
