

[LE 6260]

FEBRUARY 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. Describe production of microwave diathermy, its technique of application and dangers.
2. Indications, contraindications and dangers of Ultraviolet radiation (UVR).

II. Write Notes on:**(8X5=40)**

1. PUVA regimen
2. Contrast bath
3. Phonophoresis
4. Physiological effects of cryotherapy
5. Production of ultrasound
6. Paraffin wax bath
7. Therapeutic uses of Infrared radiation
8. Electrode positioning in capacitor field method

III. Short Answers:**(10X2=20)**

1. Conduction
2. List out the techniques of application of LASER
3. How do you prevent the damage to Magnetron
4. Which is converted into vitamin D in skin by Ultraviolet radiation
5. Cosine law
6. Depth of penetration of ultrasound therapy
7. Wavelength of Infrared radiation
8. Define frequency
9. Cryostretch
10. Hydrocollator pack
