

[LC 6260]

**FEBRUARY 2013**  
**THIRD YEAR BPT EXAM**  
**Paper II – ELECTROTHERAPY II (HF)**  
*Q.P. Code : 746260*

Sub. Code: 6260

**Time : Three hours**  
**(180 Min)**

**Maximum : 100 marks**

**I. ELABORATE ON:**

**(2X20=40)**

1. Mechanism of Ultrasound production and methods and application for different conditions with therapeutic parameters.
2. Production of Infra red radiation and its application methods and precautions during treatment

**II SHORT NOTES:**

**(8X5 = 40)**

1. Biological changes due to cryotherapy
2. Indications and contra indications of Shortwave diathermy
3. Transmission of Ultrasound by various coupling media.
4. Mercury vapour lamp
5. Photosensitization
6. Hubbard tank
7. Uses and contraindications of cryotherapy
8. Electromagnetic induction

**III SHORT ANSWER:**

**(10X2 = 20)**

1. Moist heat
2. Erythema
3. Cold laser
4. Cavitation
5. Near field/ Far field
6. Microwave diathermy
7. Eddy currents
8. Refraction
9. Inverse square law
10. Mono polar technique of Short wave diathermy

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