

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LP 6260]

AUGUST 2019

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. Write in detail the production of Ultra sound and write the parameters of Ultra sound for different conditions.
2. Write in detail the production of Ultra violet rays and explain the principles of application of treatment.

II. Write notes on:

(8 x 5 = 40)

1. Water bag method of ultra sound application.
2. Laws governing radiation.
3. Magnetron.
4. Electro-magnetic spectrum.
5. Therapeutic effects of Ultra sound.
6. Indications for infra red radiation.
7. Test dose.
8. Properties of laser.

III. Short answers on:

(10 x 2 = 20)

1. Cryo stretch.
2. Hydro collator pack.
3. Collimation.
4. Psoriasis.
5. Erythema.
6. Paraffin wax bath.
7. Dangers of laser.
8. Moist heat therapy.
9. Mono planar technique of short wave diathermy.
10. Cold laser.
