

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA STATE, WARANGAL – 506 002

BPT SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: JULY, 2024

**ELECTROTHERAPY-II
(HIGH FREQUENCY)**

Time: 3 Hours

Max Marks: 80

Note: Answer all questions
Draw diagrams wherever necessary

Write essay on the following:

2 X 10 = 20

1. a) Explain in detail different types of Ultraviolet Radiation.
Explain treatment procedure for Psoriasis

OR

- b) Explain Hot Moist Pack Unit and explain physiological and therapeutic effects of Hot Moist Pack.
2. a) What are the methods available in Cryotherapy? How is choice made? What are the dangers associated with Cryotherapy?

OR

- b) Describe the application technique involved in Therapeutic Traction. List the contraindications for Spinal Traction and mention the precautions you would ensure at therapy.

Write short note on the following:

8 X 5 = 40

3. Piezoelectric effects
4. Laws Governing Radiation.
5. Tuning in SWD.
6. Contrast Bath.
7. Types of Rectifiers.
8. Application of MWD.
9. Physiological and therapeutic effects of Laser.
10. Advantages of Wax Bath.

Write briefly on the following:

10 X 2 = 20

11. Impedance.
12. Luminous Generators.
13. Function of a Diode Valve.
14. Inverse Square Law.
15. Contraindication of Laser.
16. Eddy Currents.
17. Explain Dosage of Ultrasound.
18. Tridymite Formation.
19. Indications of PSWD.
20. Sensitizers.
