

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
TELANGANA STATE, WARANGAL – 506 002
BPT SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: JULY, 2024
ELECTROTHERAPY-I
(LOW, MEDIUM 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) Define Electric Current and its thermal effects. Explain Resistance in Series and Parallel.

OR

- b) Discuss the various Electro Diagnostic Tests in detail
2. a) Define Burn, Types of Burns, prevention and management of Burns.

OR

- b) What are the motor point for Nerve and Muscle in TENS? Explain in detail.

Write a short note on the following:

8 X 5 = 40

3. Physiological and therapeutic effects of Sinusoidal Currents
4. Functional Electrical Stimulation
5. Anodal Galvanism
6. FG test
7. Effects of Ionisation
8. Surging
9. Techniques of modified Direct Current
10. Diadynamic Current

Write briefly on the following:

10 X 2 = 20

11. Ohm's law
12. Specificity
13. Local contraindication
14. Define Motor Point
15. Neuropraxia
16. Earth Shock
17. Types of Electrodes
18. Triode valve
19. Amplitude
20. Electrophoresis
