

PAPER CODE:BP814

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
BPT SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: JULY, 2025

ELECTROTHERAPY-I
(Low, Medium Frequency)

Time: 3 Hours

Max Marks: 80

Note: Answer all questions

Draw diagrams wherever necessary

Write an essay on the following:

2 X 10 = 20

1. A. What is Iontophoresis? Explain its applications and uses.

OR

B. Explain about the devices used for Regulating the Intensity of Current.

2. A. Explain about the moving Coil Milliammeter with a neat diagram.

OR

B. Describe Interferential Therapy and its uses.

Write a short note on the following:

8 X 5 = 40

3. Treatment for Foot Drop.
4. Faradism under Pressure.
5. Wallerian Degeneration.
6. Indications and Contraindications of TENS.
7. Half-wave Rectification.
8. Condensers.
9. Theories of Electricity.
10. Care of Electrotherapy Apparatus.

Write briefly on the following:

10 X 2 = 20

11. Disadvantages of Strength duration Curve.
12. Ionisation.
13. Auto Transformer.
14. Inverse Square Law.
15. Earth Shock.
16. Accommodation.
17. Electro Motive Force.
18. Unit of Resistance.
19. Fuse.
20. Motor Point.
