Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.P.T Degree Examination – 03-Nov-2026

Time: Three Hours **Max. Marks: 100 Marks**

ELECTROTHERAPY (RS-5)
Q.P. CODE: 2741

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Second Question choice) **2 x 10 = 20 Marks**

1. Define reverse Piezo electric effect. Define in detail about thermal effect of ultrasound. Explain method of application of ultrasound.

2. Explain physiological effect of paraffin wax bath. Method of application of paraffin bath.
   OR
   Define Rheobase and Chronaxie. Indication of SD curve. What are the limitations of SD curve?

SHORT ESSAYS (Question No.3 & 12 choice) **10 x 5 = 50 Marks**

3. Define Russian current.
   OR
   Define Diadynamic current.
4. Define types of TENS.
5. Explain types of IRR generator.
6. Define contrast bath and explain method of application.
7. Explain method of application of SWD and Dangers of SWD.
8. Define Laser.
9. Define Lewis hunting reaction. Explain method of application of Cryotherapy.
10. Define EMG Biofeedback.
11. Define Faradic foot bath.
12. Indication and contraindication of Microwave Diathermy.
    OR
    Explain indication and contraindication of Faradic current.

SHORT ANSWERS **10 x 3 = 30 Marks**

13. Accommodation.
14. Monochromaticity.
15. Ohm's Law.
16. Latent Heat.
17. Composition of paraffin wax.
18. Magnetron.
19. Electrodes used in electrical stimulation.
20. Fluidotherapy.
21. Phonophoresis.
22. KINK.

*****