

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.P.T Degree Examination – 13-Jul-2022

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. Explain the physiological effects of faradism under pressure with indications and contraindications
2. Define pain, explain pain gate control theory in detail

OR

Explain the physiological effects of interferential therapy currents, add a note on its indications and contraindications

SHORT ESSAYS (Question No.3 & 12 choice)

10 x 5 = 50 Marks

3. Explain the physiological and therapeutic effects of paraffin wax therapy

OR

Write a note on importance of evaluation and checking apparatus in prevention of burns

4. Explain the indications and contraindications Faradic foot bath
5. Explain the physiological effects of TENS
6. Explain the characteristic of SD curve
7. Explain the methods of application of SWD
8. Explain the indications and contraindications of microwave diathermy
9. Describe the methods of application of ultrasound
10. Describe the methods of application of UVR
11. Describe the methods of application of ultrasound therapy
12. Explain the principles of application of contrast bath

OR

Explain therapeutic uses and contraindication of Hydro Collator packs

SHORT ANSWERS

10 x 3 = 30 Marks

13. Define potential difference and EMF
14. State Ohms' law
15. List four safety precautions taken in electrotherapy department
16. Define ionization and list its uses in physiotherapy
17. Define faradic current with neat diagram
18. Define motor point
19. What is accommodation? Mention two applications
20. What is beat frequency in IFT?
21. Mention the spacing techniques in SWD
22. Define Lewis hunting reaction
