

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.P.T Degree Examination – 27-Nov-2024

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. Describe construction of EMG equipment.
2. Define Microwave. Describe production, applicators, dosage parameters, physiological and therapeutic effects of Micro Wave Diathermy.

Or

Define TENS. Describe types, placement of Electrodes, indications, Contraindications, Physiological and Therapeutic effects of TENS.

SHORT ESSAYS (Question No.3 & 12 choice)

10 x 5 = 50 Marks

3. Explain method of application of Whirl Pool Bath.

Or

Describe Earthing techniques and precautions.

4. Describe Indications and contraindications of Cyclotherm.
5. Explain construction and working of Condensers.
6. Explain physiological and therapeutic effects of Faradic Current.
7. Explain Macro current and Micro current.
8. Describe stimulation for Tissue Repair.
9. Describe characters of Partially Denervated Muscle.
10. Explain production of IFT.
11. Explain Theraktin tunnel.
12. Explain dosage calculation in LASER.

Or

Describe therapeutic uses of Contrast Bath.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Define Faraday.
14. What is Electrode coupling?
15. Define sensitizers.
16. What are the composition of Wax Bath Therapy unit?
17. Define Hyperhydrosis.
18. Define attenuation.
19. Define all or none law.
20. List indications of Moist Heat Therapy.
21. What are parameters of IRR?
22. Mention the uses of pulsed Electro Magnetic Energy.
