



Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.P.T Degree Examination - 02-Feb-2021

Time: Three Hours**Max. Marks: 100 Marks****ELECTROTHERAPY (RS5)****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. What is SD Curve? Explain the procedure of SD Curve for radial nerve. Write the interpretation with a schematic diagram and mention its merits and demerits.
2. Mention the different types of TENS. What are the indications and contraindications of TENS?

OR

Describe the production of SWD with a neat diagram. Mention the physiological and therapeutic effects of SWD.

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

3. Describe types and methods of placement of electrodes in SWD.

OR

Describe the indications and contraindications of MWD.

4. Explain dosage of LASER.
5. Explain types of IRR generators.
6. What are sensitizers and filters in UVR?
7. Describe principles of LASER methods of application of LASER.
8. Explain methods of application of Paraffin wax.
9. Explain methods of application of ultrasound.
10. Describe physiological and therapeutic effects of cryotherapy.
11. Indication and contraindications of contrast bath.
12. Explain the calculation of EI dose in UVR.

OR

Explain the physiological effects of IFT.

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

13. Define electromagnetic spectrum.
14. What is Coupling media in ultrasound?
15. Define Ohm's law.
16. Name types of UVR generators
17. Composition of Paraffin wax bath
18. What is Lewis hunting reaction?
19. What is cable method in SWD production?
20. Define cyclotherm.
21. What are the dangers of cryotherapy?
22. What is pulsed electromagnetic energy?