



Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.P.T Degree Examination - 12-Mar-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. Describe SD curve in detail and enumerate the advantages and drawbacks and indications of strength duration curve.
2. Explain the principle of production of ultrasound and its various methods of application.

OR

Define pain and explain the pain gate control theory with neat labelled diagram.

SHORT ESSAYS (Question No.3 & 12 choice)

10 x 5 = 50 Marks

3. Describe diadynamic currents.

OR

Describe the physiological and therapeutic effects of Interferential therapy

4. Explain types of TENS.
5. Explain dosage calculation in LASER.
6. Describe method of application of contrast bath.
7. Explain the Effects and uses of fluidotherapy.
8. Describe physiological and therapeutic effects of Whirlpool bath.
9. Define phonophoresis and enumerate its application.
10. Methods of application and types of electrodes in SWD.
11. Explain cathodal galvanism.
12. Physiological and therapeutic effects Infra-Red Rays.

OR

Define magnetic stimulation and write its indications and contraindications.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Define macrocurrents.
14. Define Rebox currents.
15. Accommodation
16. Motor unit
17. Reverse piezoelectric effect
18. Latent heat
19. Fuse
20. Attenuation
21. Sinusoidal currents
22. Action potential