

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year B.P.T Degree Examination – 14-May-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 Laser. Explain properties, classification and method of applications of Laser.
2. Define SWD. Describe in detail types of SWD, methods of application, indication and contraindication.

**OR**

Define IFT. Methods of application, indication and contra indication.

**SHORT ESSAYS (Question No.3 & 12 choice)**

**10 x 5 = 50 Marks**

3. Physiological effect of cryotherapy.

**OR**

Indication and contra indication of IRR.

4. Define Iontophoresis.
5. PUVA.
6. Cyclotherm.
7. Define faradic current. Method of Faradi stimulation in individual and group muscles.
8. Define HVPGS and its uses.
9. FG test.
10. Define testing and tuning of SWD.
11. Thermal and non thermal effect of ultrasound.
12. Define shock. Explain methods to prevent shock.

**OR**

Define anodal galvanism.

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Types of TENS.
14. Ions used for pain in iontophoresis.
15. Macro current.
16. Coupling media.
17. Hydrocollator packs.
18. Melting point of paraffin wax.
19. Rheobase.
20. Electrode placement in IFT.
21. Cavitation.
22. Name the electrodes used in capacitance method of SWD.

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