

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.P.T. Degree Examination – April-2014

Time: Three Hours

Max. Marks: 100 Marks

ELECTROTHERAPY (RS-3 & RS-4)

Q.P. CODE: 2712

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Classify Infra Red generators, Explain the production and effects of various types.
2. Describe the production of shortwave diathermy and explain its various effects.
3. Define faradic current. Explain the physiological and therapeutic effect faradic current.

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Nerve conduction velocity.
5. Therapeutic uses of whirl pool bath.
6. Explain various method of application of Cryotherapy.
7. Indication and contraindication for microwave diathermy.
8. Various parameter of dosage in ultrasound.
9. Physiological and therapeutic effects of Russian current.
10. Define electricity and its types.
11. Dangers and precaution for shortwave diathermy.
12. Explain contrast bath and its uses.
13. Physiological effects of high voltage pulsed galvanic stimulation.
14. Explain the procedure and interpretation of SD Curve test.
15. Fluidotherapy.
16. Define phonophoresis and method of application.
17. Define shock give an account of prevention.

SHORT ANSWERS

10 x 2 = 20 Marks

18. Define Joule's law.
19. What is salutatory conduction?
20. Define Rheobase.
21. Define inverse square law.
22. Beat frequency.
23. Drugs used for iontophoresis.
24. Define motor unit.
25. Skin impedance.
26. Define Cavitations.
27. Define collimation.
