



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. Explain moist heat therapy under following headings: equipment, principle, method of application, physiological effects, therapeutic effects, procedure, indications and contraindications.
2. Explain faradic current, technique of application, modification, physiological and therapeutic effects of faradic current.

OR

Define UVR, types of UVR, UVR generators. Add a note on PUVA apparatus and its usage.

SHORT ESSAYS (Question No.3 & 12 choice)

10 x 5 = 50 Marks

3. Define electric shock. Add a note on precautions and treatment of shock.

OR

Define transformer and its functions.

4. SD curve.
5. Cyclotherm.
6. Electromagnetic spectrum.
7. Method of application of paraffin wax therapy.
8. Cryotherapy techniques of application.
9. Contrast bath.
10. List the theories of pain. Explain in details about pain gate theory.
11. Parameters of UST.
12. Properties and techniques of application of LASER.

OR

Explain Phonophoresis in detail; methods, dosage and drug used.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Ohms law and its application.
14. Ionization.
15. Electrode tissue interface.
16. Biofeedback.
17. Magnetic stimulation.
18. Fuse.
19. Diadynamic currents and its types.
20. Burst TENS.
21. PEME.
22. HVPGS.