

**ELECTROTHERAPY
(2010 Scheme)**

Time : 3 hrs

Max marks : 100

- Answer all questions
- Draw diagrams wherever necessary

Essays

(2x10=20)

1. Define pain and mention the different theories of pain. Explain in detail the pain gate theory
2. Describe the physiological and therapeutical effects of short wave diathermy.

Short notes

(10x5=50)

3. Any five methods of cold application
4. Indications and contra indications of interferential therapy
5. Physiological effects of heat
6. Coupling media.
7. LASER and its principles
8. Various methods of wax application
9. Safety devices
10. Treatment of psoriasis using ultra violet radiation
11. Therapeutic effects and contra indications of contrast bath
12. Hydrocollator pack

Answer briefly

(10x3=30)

13. Bio feedback
14. Shock
15. Triode valve
16. SD curve
17. Semi conductors
18. Acoustic streaming
19. Accommodation
20. Sinusoidal currents
21. Dangers of SWD
22. Motor unit
