



Second Year BPT Degree Regular Examinations - September 2014 (2012 Scheme)

ELECTROTHERAPY

Time : 3 hrs**Max marks : 100**

- Answer all questions
- Draw diagrams wherever necessary

Essays**(2x14=28)**

1. Explain in detail the physiological effects and therapeutic uses of Faradic type of current. Add a note on surging (6+6+2=14)
2. Discuss in detail the principle of production of short wave diathermy (SWD) and the indications and contraindications of SWD (6+4+4=14)

Short notes**(4x8=32)**

3. Method of application of LASER
4. Nonthermal effect of ultrasound
5. Methods of application of electrodes in TENS
6. Resistance in series and parallel

Answer briefly**(10x4=40)**

7. Methods of application of Faradic type of current
8. Uses of infra red rays
9. Contraplanar method of SWD
10. Mutual induction
11. Prevention of earth shock
12. Dangers of wax therapy
13. Types of UVR lamps
14. Construction of condenser
15. Accommodation
16. Therapeutic uses of whirlpool bath
