

**Second Year BPT Degree Supplementary Examinations - May 2015
(2012 Scheme)**

ELECTROTHERAPY

Time : 3 hrs

Max marks : 100

- Answer all questions
- Draw diagrams wherever necessary

Essays

(2x14=28)

1. List the various tests used for electro diagnosis . explain the technique and interpretation of the SD curve.
2. Explain in detail the principles of production of LASER. Add a note on the different types of LASER and its properties.

Short notes

(4x8=32)

3. Construction and working of a transformer.
4. Explain the method of application, therapeutic uses, indications and contraindications of fluidotherapy".
5. Define shock. Enumerate the precautions to be taken in using currents for therapy.
6. Explain the principles of electrical stimulation.

Answer briefly

(10x4=40)

7. Explain iontophoresis.
8. Contraindications of MWD.
9. Mention the different types of TENS and its therapeutic uses.
10. Discuss non luminous IRR generator.
11. Define fuse and its importance.
12. Electrode placement in IFT.
13. Mention the uses of diadynamic currents.
14. Mention the uses of a condensor.
15. Any four physiological effects of cryotherapy.
16. List the different types of UVR.
