

Second Year BPT Degree Supplementary Examinations March 2018

**ELECTROTHERAPY
(2012 Scheme)**

Time: 3 hrs

Max marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays

(2x14=28)

1. Define pain. Explain the gate control theory of pain in detail.
2. Describe the construction and working of a Kromayer lamp. Explain the physiological effects of UVR radiation.

Short notes

(4x8=32)

3. Production of interferential currents and its application.
4. Galvanic currents.
5. Define micro currents and explain its physiological effects.
6. Describe the electromagnetic spectrum and discuss its applications in physiotherapy.

Answer briefly

(10x4=40)

7. What are electrical burns.
8. Uses of pulsed electromagnetic energy.
9. Define reverse piezoelectric effect and its application in electrotherapy.
10. Any two uses of Russian currents.
11. FG Test
12. Advantages of whirlpool bath.
13. Parameters of high TENS.
14. Define rheobase and chronaxie.
15. Dosage of SWD.
16. Indications and contraindications of fluidotherapy.
