

Q.P. Code: 221014

Reg. No.:.....

**Second Year BPT Degree Regular/Supplementary Examinations
February 2022**

**Electrotherapy
(2016 Scheme)**

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays

(2x15=30)

1. Define IFT. Explain the production of IFT. Add a note on the electrode placement in IFT.
2. Define SD curve. Explain the indications and interpretation of the SD curve in detail.

Short Essays

(4x10=40)

3. Principles of hydrotherapy.
4. Define infrared rays. Name the types of IR generators and explain the production of IRR.
5. Explain the physiological and therapeutic effects of Galvanic current.
6. Explain diadynamic currents.

Short Answers

(10x3=30)

7. Electrode placement in IFT.
8. Sinusoidal current.
9. Types of transformers.
10. Define micro and macro currents.
11. Importance of earthing.
12. Dangers of MWD.
13. Define chronaxie and rheobase.
14. Types of LASER.
15. Composition of wax in wax therapy.
16. Physiological effects of heat.
