

Q.P. Code: 221014

Reg. No.:.....

**Second Year BPT Degree Regular/Supplementary Examinations
February 2023
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 Ultrasound. Explain the production of ultrasound. Add a note on the indications and contraindications of ultrasound therapy.
2. Explain the application and composition of wax in detail. Add a note on the physiological and therapeutic effects and indications and contraindications to wax application.

Short Essays

(4x10=40)

3. Explain the physiological and therapeutic effects of cryotherapy in detail.
4. Cathodal Galvanism.
5. Explain Russian currents.
6. Dosage calculation of UVR.

Short Answers

(10x3=30)

7. Rebox current.
8. Bio-feedback.
9. Uses of FG Test.
10. Principles of LASER.
11. Types of electrodes used in SWD.
12. Burst TENS.
13. Define motor unit and motor point.
14. Uses of PEME.
15. Types of IR generators.
16. Define pain. Mention the theories of pain.
