

**Q.P. Code: 221014**

**Reg. No.:.....**

**Second Year BPT Degree Regular/Supplementary Examinations  
January 2025  
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. Explain in detail the therapeutic and physiological effects, uses, techniques and treatment with Interrupted Direct current
2. Define Cryotherapy. Discuss the methods of application and its therapeutic effects

**Short Essays**

**(4x10=40)**

3. Interferential therapy (IFT) – Parameters and its Effects.
4. Iontophoresis.
5. Techniques of application of Shortwave Diathermy (SWD).
6. Luminous and Non-luminous Generator.

**Short Answers**

**(10x3=30)**

7. Characteristics of Denervated Muscle.
8. Reverse piezo electric effect.
9. Fibrillation Potential.
10. Properties of High frequency currents.
11. Laws governing radiation.
12. Coherence.
13. Fluidotherapy.
14. Ultraviolet Radiation (UVR).
15. Properties of laser.
16. Russian current.

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