

Second Year BPT Degree Supplementary Examinations June 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. Describe in detail about Principles & therapeutic effects of Pulsed Shortwave Diathermy.
2. Define Transcutaneous Electrical Nerve Stimulation (TENS). Describe the parameters, types, methods of application, advantages, disadvantages and contraindications of TENS.

Short Essays

(4x10=40)

3. Treatment parameters used in ultrasound therapy.
4. Luminous and Non-luminous Generators
5. Diadynamic currents
6. Interferential therapy (IFT) – Parameters and its effects.

Short Answers

(10x3=30)

7. Define Phonophoresis.
8. Refractory period.
9. H-reflex
10. Uses of Biofeedback.
11. Properties of laser.
12. Russian current.
13. Joule's Law.
14. Treatment of hyperhidrosis using iontophoresis.
15. Psoralen ultraviolet – A (PUVA) regimen
16. Synapse.
