

Second Year BPT Degree Supplementary Examinations July 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. What is Strength Duration (S-D) Curve. What is the Procedure of doing S-D Curve. Describe the characteristics of curve in Peripheral Nerve Lesions. Add a note on its uses
2. Define Infra Red Radiation (IRR). Write about the luminous and non luminous generators of IRR, and its physiological & therapeutic effects. Mention about precautions of IRR.

Short Essays

(4x10=40)

3. Interferential therapy (IFT) – Parameters and its Effects.
4. Iontophoresis
5. Production of Shortwave Diathermy (SWD) and its uses.
6. Methods of application of Wax therapy

Short Answers

(10x3=30)

7. Electric burn.
8. Triode valve.
9. Nodes and Antinodes.
10. PUVA
11. What is Pulsed Electro Magnetic energy.
12. Characteristics of Denervated Muscle.
13. Phonophoresis.
14. Types of Electrodes.
15. Synapse.
16. Nerve injuries.
