

2010 Scheme

Q.P. Code: 202014

Reg. No.:.....

Second Year BPT Degree Supplementary Examinations March 2020

Electrotherapy

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

(2x10=20)

1. Define TENS. Explain the types. Explain the physiological and therapeutic effects of TENS.
2. Define ultrasound. Explain the production, methods of application and explain the therapeutic effects and dosage.

Short notes

(10x5=50)

3. Cyclotherm – therapeutic uses, indications and contraindications
4. Therakatin tunnel
5. Electromagnetic spectrum
6. Types of nerve injuries
7. Pain gate theory
8. Define shock – types and safety precautions
9. Sinusoidal currents
10. HVPGS
11. Condensers – types and principles
12. PEME - principles and parameters.

Answer briefly

(10x3=30)

13. Eddy's current
14. Fluidotherapy
15. Magnetic stimulation
16. Spacing used in SWD
17. Conduction and convention
18. Nerve conduction velocity
19. Ampere
20. Static electricity
21. Phonophoresis
22. Burns and its types
