

2012 Scheme

Q.P. Code: 211014

Reg. No.:.....

Second Year BPT Degree Supplementary Examinations February 2024

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 table/diagrams/flow charts wherever necessary*

Essays

(2x14=28)

1. Define Interferential Therapy (IFT). Explain its parameters. Describe the methods of application and therapeutic effects of IFT. (2+6+3+3)
2. Define Bio-feedback. Describe in detail, the principles and uses of Bio-feedback. (2+6+6)

Short notes

(4x8=32)

3. Define Cryotherapy. Explain the methods of application and its therapeutic effects. (2+3+3)
4. Define LASER. Explain the physiological and therapeutic effects, indications, and contraindications of LASER. (2+2+2+2)
5. Write in detail about the production of Ultrasound. Write the parameters of Ultrasound used in therapeutic purposes. (4+4)
6. Describe in detail about the production, construction, and its dangers of Shortwave Diathermy (SWD). (3+3+2)

Answer briefly

(10x4=40)

7. Functional electrical stimulation.
8. Faradism under pressure.
9. Therapeutic uses of electricity.
10. Define Erb's palsy and its management.
11. Near and Far field
12. Difference between Capacitance and Inductance.
13. Modalities of treatment and dosage for Psoriasis.
14. Physiological effects of Microwave Diathermy.
15. Contrast bath – indications and contraindications.
16. Russian current.
