

Q.P.Code:202014

Reg. No.:.....

Second Year BPT Degree Supplementary Examinations - June 2013

ELECTROTHERAPY

Time: 3 hrs

Max marks :100

- Answer all questions
- Draw diagrams wherever necessary

Essays (2x10=20)

1. Explain physiological and therapeutic effects of faradic current.
2. Define piezoelectric effect. Explain the methods of application of ultrasound therapy.

Short notes (10x5=50)

3. Explain test dose for ultraviolet radiation.
4. Safety precautions used in physiotherapy department.
5. Explain pain gate mechanism.
6. Explain interferential therapy with its physiological effects.
7. Discuss non -luminous IRR generators.
8. Define LASER and explain its principles.
9. Absorption and attenuation of ultrasound.
10. Describe about hydrocollator pack.
11. What is contrast bath. Explain its therapeutic effects and contraindications.
12. Anodal and cathodal galvanism.

Answer briefly (10x3=30)

13. Indications of transcutaneous electrical nerve stimulation
14. Notes on S D Curve
15. Semiconductors.
16. Lowering skin resistance for electrical stimulation
17. Lewis hunting reaction.
18. Coupling media.
19. Dangers of SWD.
20. Iontophoresis.
21. Russian currents.
22. Uses of fluidiotherapy.
