

Q.P. Code: 202014 (Old Scheme)**Reg. No.:.....**

Second Year BPT Degree Supplementary Examinations March 2017
ELECTROTHERAPY

(2010 Scheme)**Time: 3 hrs****Max marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

Essays**(2x10=20)**

1. Mention the types of UVR generators and explain in detail about PUVA apparatus.
2. Define SWD, explain the physiological effects, therapeutic effects, indications, contraindications and dangers of SWD.

Short notes**(10x5=50)**

3. Explain the dosage of LASER.
4. Contrast bath.
5. Indications and contraindications of cyclotherm.
6. Significance of FG test.
7. Theraktin tunnel.
8. Explain the thermal and non-thermal effects of US therapy.
9. Beat frequency.
10. Therapeutic uses of Russian current.
11. Condensers.
12. Galvanic current.

Answer briefly**(10x3=30)**

13. Electromagnetic induction.
14. Coulomb.
15. Iontophoresis.
16. Nerve conduction velocity studies.
17. Any three uses of pulsed electro magnetic energy.
18. M - wave.
19. Ohms law
20. List three factors influencing SD curve.
21. FG test
22. Neurotmesis.
