

**Second Year BPT Degree Supplementary Examinations March 2020**

**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. Define IFT. Explain the principles of production of IFT. Explain the physiological and therapeutic effects of IFT.
2. Define LASER. Explain the types and methods of application. Explain the therapeutic and physiological effects

**Short Essays**

**(4x10=40)**

3. Define UVR. Explain the types of UVR generators
4. Methods of application of wax therapy
5. Techniques of application of cryotherapy
6. Method of application and therapeutic uses of contrast bath

**Short Answers**

**(10x3=30)**

7. Spacing used in SWD
8. Resistance in series and parallel
9. Name the theories of pain
10. Didynamic current and its types
11. Criteria of selection of modalities
12. Types of TENS
13. Russian current
14. Ionotophoresis
15. Electromagnetic spectrum
16. Burns and its types