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[BPT 0122]

**JANUARY 2022**  
**(AUGUST 2021 EXAM SESSION)****Sub. Code: 6281**

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE**  
**THIRD YEAR- (Regulation from 2017-2018 onwards)**  
**PAPER I – ELECTROTHERAPY – I (LOW & MEDIUM FREQUENCY)**  
***Q.P. Code : 746281***

**Time: Three hours****Answer ALL Questions****Maximum: 100 Marks****I. Elaborate on:****(2 x 15 = 30)**

1. Explain in detail the therapeutic and physiological effects, uses, techniques and treatment with Interrupted Direct current.
2. What is S-D Curve? What is the Procedure of doing S-D Curve? Describe the characteristics of curve in Peripheral Nerve Lesions. Add a note on its uses.

**II. Write notes on:****(10 x 5 = 50)**

1. Pain Gate Theory.
2. Recording Electrodes in EMG.
3. Saturday night Palsy.
4. HVPGC.
5. Faradic foot bath.
6. Diadynamic Currents.
7. Physiological Effects of Alternating Currents.
8. IFT – Parameters and its Effects.
9. Propagation of Action Potential.
10. Iontophoresis.

**III. Short answer on:****(10 x 2 = 20)**

1. Characteristics of Denervated Muscle.
2. Tinel's sign.
3. Types of Electrodes.
4. Fatigue and its causes.
5. Fibrillation Potential.
6. Difference between Bell's Palsy and Facial Palsy.
7. Carpal Tunnel Syndrome.
8. Preparation of patient for ES.
9. Syncopated Rhythm.
10. Glidemeister Effect.

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