

PARUL UNIVERSITY
FACULTY OF PHYSIOTHERAPY
BPT, November, 2019 Examination

Year: 2**Subject Code: 07101202****Subject Name: Electrotherapy-I and II****Date: 21-11-2019****Time: 10:00am to 01:00pm****Total Marks: 70****Instructions:**

1. All questions are mandatory
2. Figures to the right indicate full marks.
3. Draw Diagram wherever necessary.
4. Write separate sections on separate answer sheets.

SECTION- A

Q.1 Explain laser, properties of laser, types of laser , physiological and therapeutic effect of laser (15)

OR

Q.1 Method of SWD with explanation, dangers and contraindications of SWD (15)

Q.2 Write Short Notes (4 out of 5) (5 Marks each) (20)

- (a) Indication and contraindication of infrared red rays
- (b) Phonophoresis
- (c) Hydrocollateral packs
- (d) Effects and uses of microwave diathermy
- (e) Electric shock

SECTION- B

Q.3 Describe different modes of TENS along with therapeutic effects and uses. (15)

OR

Q.3 Write in detail about the type of faradic current, parameters of stimulation, its effects and uses (15)

Q.4 Write Short Notes (4 out of 5) (5 Marks each) (20)

- (a) Explain uses of I.F.T.
- (b) Explain snell's law and inverse square law and its practical application.
- (c) Pain gate theories
- (d) Uses and limitation of Long wave Diathermy
- (e) Faradic foot bath