



**PW-0201855**

Seat No. \_\_\_\_\_

**First Year B. P. T. Examination**

**July – 2018**

**Fundamental of Electrotherapeutics**

*(New Course)*

Time : 2 Hours]

[Total Marks : 40

**Instructions :**

- (1) Answers should be specific to the questions asked.
- (2) Draw diagrams and figures wherever it is necessary.

- 1** Write long essay : (any one) **10**
  - (1) Describe in detail about electric shock and earth shock.
  - (2) Types of transformers with its applications.
  
- 2** Write short notes : (any three) **15**
  - (1) Properties of magnet
  - (2) Pain gate theory
  - (3) Grouping of capacitors
  - (4) Diagram of electromagnetic spectrum.
  
- 3** Write short answers : (any five) **15**
  - (1) Inverse square law
  - (2) Earthing
  - (3) Referred pain
  - (4) Fuse
  - (5) Grothus-Drapper law
  - (6) Attenuation.