



**RJ-0201855**

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

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

**February - 2019**

**Fundamental of Electrotherapeutics  
(New Course)**

Time : 2 Hours]

[Total Marks : 40

**Instructions :** (1) Answer should be specific to the questions asked.  
(2) Draw diagrams and figures wherever it is necessary.

- 1** Write long essays : (any 1) **10**
- (1) Describe in detail about capacitor
  - (2) Discuss in detail about shock. Write about electric and earth shock
- 2** Short note : (Any 3) **15**
- (1) Electrodes
  - (2) Methods of electricity generation
  - (3) Weber's and Ewing's molecular theory of magnetism
  - (4) Physiology of pain.
- 3** Short answers : (any 5) **15**
- (1) Laws of reflection
  - (2) AC power plugs
  - (3) Ohms law
  - (4) Choke coil
  - (5) Rheostat
  - (6) Waveforms.