



J-201855

Seat No. _____

First Year B. P. T. Examination

July – 2019

Fundamentals of Electrotherapeutics

(New Course)

Time : 2 Hours]

[Total Marks : 40

Instructions : (1) Write legibly and to the point.
(2) Draw diagrams wherever necessary.

- 1** Long answer question : (One out of Two) **15**
- (1) Write in detail about electric shock and measures of prevention of electric shock in a physiotherapy department.
- (2) Write in detail about levers and mechanical advantage.
- 2** Short answer question : (One out of Two) **10**
- (1) Theories of magnetism
- (2) Method of measuring body temperature.
- 3** Very short answer question : (Three out of Four) **15**
- (1) Explain Ohm's law.
- (2) Doppler effect.
- (3) Explain Inverse square law with suitable example.
- (4) Mutual induction.
-