

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF PHYSIOTHERAPY
BPT, Examination July-2019

Year: 2

Subject Code: 07101206

Subject Name: Biomedical physics

Date: 26/07/2019

Time: 10:00am To 12:00pm

Total Marks: 35

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 Define E.M.F conduction and write in detail about various types of transformers and their uses. (15)

OR

Q.1 Write in detail about principles of stability with proper examples. (15)

SECTION-B

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

- (a) Centripetal and Centrifugal force
- (b) Types of Capacitors.
- (c) Thermionic valves with proper diagram.
- (d) Types of Transistors.
- (e) Write in detail about A) ammeter B) potentiometer.