

PARUL UNIVERSITY
FACULTY OF PHYSIOTHERAPY
BPT, Examination (November - 2019)

Year: 2**Subject Code: 07101206****Subject Name: Biomedical Physics****Date: 26-11-19****Time: 10.00 am To 12.00****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 Explain electromagnetic spectrum along with laws of transmission in detail. **(15)**

OR

Q.1 What is A.C and D.C currents? Explain therapeutic continuous and interrupted direct currents and their various wave forms in detail **(15)**

SECTION-B

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

- (a) Capacitors
- (b) Thermionic valves with proper diagram
- (c) Transformer
- (d) Electro-Magnetism & Electro-Magnets
- (e) Environmental Currents