

Seat No: \_\_\_\_\_

Enrollment No: \_\_\_\_\_

**PARUL UNIVERSITY**  
**FACULTY OF PHYSIOTHERAPY**  
**BPT, July - 2018 Examination**

**Year: 2**

**Subject Code: 07101206**

**Subject Name: Biomedical Physics**

**Date: 13/07/2018**

**Time: 10:00am to 12:00pm**

**Total Marks: 35**

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**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 Environmental Currents And Explain About Types And Side Effects Of Environmental Currents. **(15)**

**OR**

**Q.1** Write In Detail About Types Of Electrodes And Explain Advantages And Disadvantages. **(15)**

**SECTION-B**

**Q.1 Write Short Notes. (4 out of 5) (5 Marks each)** **(20)**

- (a) Transformer
- (b) Thermionic Valves
- (c) Various Waveforms Of A.C. Currents
- (d) Explain Reflection And Refraction
- (e) Electromagnetic Spectrum And Types