

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

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

**PARUL UNIVERSITY**  
**FACULTY OF PHYSIOTHERAPY**  
**MPT, Examination August - 2018**

**Year: 1**

**Subject Code: 07200101**

**Subject Name: Basic Sciences**

**Date: 20/08/2018**

**Time: 10:00 am to 01:00 pm**

**Total Marks: 70**

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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** Describe in detail about biomechanics and pathomechanics of thorax in respiration and write in brief about muscles of respiration. **(15)**
- Q.2** Explain about the sources of review of literature and its uses in a research. **(15)**

**SECTION- B**

**Q.3 Short Notes**

- (a) Enumerate the steps in research report writing. **(10)**
- (b) Biomechanics of Elbow joint **(10)**
- (c) Electrical Properties of Nerve **(10)**
- (d) Muscle Plasticity in response to electrical stimulation **(10)**