

Roll No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**PARUL UNIVERSITY**

**PARUL INSTITUTE OF PHARMACY**

**B.PHARM FIRST SEMESTER · SECOND INTERNAL EXAMINATION: 2018-19**

**Subject Name: Remedial Biology**  
**Subject Code: BP106RBT**  
**Time: 2:35- 3:50 p.m.**

**Date: 01/12/2018**  
**Total Marks: 30**

**Instructions:**

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

**Q.1 Long Answers: (Any One)**

- |   |    |
|---|----|
| (1) Explain the morphology and modification of Roots.   | 10 |
| (2) Explain the following terms:<br>a. Phylloclades<br>b. Inflorescence<br>c. Perigynous Flower<br>d. Venation<br>e. False Fruits | 10 |

**Q.2 Short Answers: (Any Four)**

- |   |    |
|---|----|
| (1) Write the definition of Flower, draw figure and explain different parts of Flower.  | 05 |
| (2) Explain the differences between Dicot Root and Monocot Root.  | 05 |
| (3) Explain the modification of Leaves.   | 05 |
| (4) Define the following terms:<br>Hilum, Microphyle, Raphe, Funicle and Chalaza.   | 05 |
| (5) Write the functions of following cell organelles.<br>Cell Wall, Mitochondria, Centrosomes, Chromosomes and Golgi complex. | 05 |

\*\*\*\*\*