

**M 155/007**

Enrolment Number										
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*Total No. of printed pages = 01*

**Monsoon, 2023**

**B.Pharm Semester Examinations  
REMEDIAL BIOLOGY – THEORY**

**Library, GCU**

**Course Code: BP106RBT**

**Full Marks – 35**

**Time – 1.5 hours**

*The figure in the margin indicates full marks for the questions.*

Question no 1. Answer any *five* of the following. (Word limit – 400) (5x5=25)

- (i) Describe the structure of a dicot leaf with diagram.
- (ii) Describe the various stages of Prophase I of meiosis I.
- (iii) Describe the structure of chloroplast with proper diagram.
- (iv) What do you mean by N<sub>2</sub> Cycle? What are the different stages of it? Explain.
- (v) Describe the Structure and Function of mitochondria.
- (vi) Describe the Process of Mitosis with proper diagram.
- (vii) Write a note on the types of leaves found in angiosperms.

Question no 2. Answer any *one* of the following. (Word limit – 800) (1x10=10)

- (i) What do you mean by Glycolysis? Explain various stages of it. (2+8)
- (ii) Where does Oxidative Phosphorylation occur in the cell? What is the entire process of Oxidative Phosphorylation? Explain with schematic diagram. (1+6+3)