



**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**

**B.Sc. DEGREE EXAMINATION – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY**

**FIFTH SEMESTER – NOVEMBER 2023**

**UPB 5503 – PLANT DISEASES AND MANAGEMENT**

Date: 07-11-2023

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

**PART A**

Answer the following, each within 50 words.

(10 x 2 = 20 marks)

1. Distinguish between sign and symptom.
2. Define necrosis.
3. Define Endemic diseases.
4. What are PR proteins?
5. Mention any 2 symptoms of clubroot of cabbage.
6. List two features of ergot of rye.
7. What are galls?
8. Mention the significance of BABU virus.
9. Write the composition and importance of Bordeaux mixture.
10. Mention any two antibiotics used to control plant diseases.

**PART B**

Answer the following, each within 500 words.

Draw diagrams and flow charts wherever necessary.

(5 x 7= 35 marks)

11. a. Explain about the classification of plant diseases.

(or)

b. Write notes on disease triangle and its importance.

12. a. Write notes on the morphological and anatomical features involved in plant protection.

(or)

b. Explain the mechanisms of biochemical defence.

