

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai - 600 044.

M.Sc.PBPBT - END SEMESTER EXAMINATIONS - NOV' 2024

SEMESTER - I

20PPBET1001 - Plant Pathology

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Explain the Significance of Plant Pathology.
2. Describe Koch's postulates.
3. Describe with a neat diagram the Bacterial blight of Rice.
4. Classify the different types of Chemical Control of Plant diseases.
5. Explain the Role of Toxins and Enzymes in disease development.
6. Classify and Describe the biochemical defense mechanism in plants.
7. Explain the genetics of Host parasite interaction.
8. Explain ELISA technique.

Section C

I - Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Illustrate in detail the classification of plant diseases.
10. Determine and explain some two fungal diseases of plants with diagram.
11. Describe the Pathogenesis of Plant diseases.
12. Evaluate and explain in detail the techniques in Plant breeding for disease resistance.

II - Compulsory question ($1 \times 10 = 10$ Marks)

13. Ascertain and explain the incorporation of resistant gene by different methods.
