4. Write a note on :

(a) Physical Methods of Plant Disease Control 5

(b) Steps in Disease Cycle 5

5. (a) What is autonomous pathogen dispersal? 5

(b) How plant pathogen perennate in environment? 5

Or

6. (a) What are the factors involved in disease development in plants? 5

(b) Explain disease cycle of plant disease. 5

7. Write a note on :

(a) Virulence and Avirulence Genes 5

(b) Rot 5

Or

8. Write a note on :

(a) Disease triangle 5

(b) Pathogen toxins 5

9. (a) Explain biological control of plant disease. 5

(b) Describe the Grey blight of tea and its management. 5

Or

10. (a) Describe the host pathogen relationship. 5

(b) Explain the wheat smut and its control measures. 5

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UG (CBCS) Even Semester Examination, May 2025

EDUCATION
(B.Sc. B.Ed.)

6th Semester

Course No. : BSBH - 602

(Plant Pathology)

Full Marks : 50

Pass Marks : 20

Time : 2 hours

The figures in the margin indicate full marks for the questions

(*Answer five questions*)

1. (a) Explain the scientific conribution of pre-modern period in phytopathology. 4

(b) Describe the nutritional disorders in plants. 4

(c) List the objective of plant pathology. 2

Or

2. (a) Explain diseases caused by biotic agents. 5

(b) Define host. How it can be classified? 2

(c) Describe the disease based on mode of perpetuation. 3

3. Write a note on :

(a) Morphological Defence Measure of Host Plant 5

(b) Necrosis 5

Or