4. Write note on :
   (a) Rot 5
   (b) Disease based on perpetuation and mode of primary infection. 5

5. (a) Describe the passive mode of plant disease spread. 5
   (b) Explain the factors involved in disease development in plants. 5

Or

6. (a) Explain the steps in disease cycle. 5
   (b) How plant pathogens perennate in environment? 5

7. Write note on :
   (a) Disease cycle 5
   (b) Phytoalexins 5

Or

8. Write note on :
   (a) pathogen Enzymes 5
   (b) Disease Triangle 5

9. (a) Explain the host-pathogen relationship. 5
   (b) Describe Downy mildew of Bajra and its management. 5

Or

10. (a) Explain the chemical control of plant diseases. 5
    (b) Describe Red Rot of Sugarcane and its control measures. 5

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UG (CBCS) EVEN SEMESTER EXAMINATION, 2024

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 scientific development of modern era workers in plant pathology. State the objectives of plant pathology. 3+2=5
   (b) What is meant by disease? How it is different from disorder? Give host classification. 1+2+2=5

Or

2. (a) What types of diseases are caused by plant pathogens? 5
   (b) Describe abiotic diseases in plants. 5

3. Write note on :
   (a) Growth Abnormalities in plants 5
   (b) Biochemical Defence Mechanism in host plants. 5

Or