

Roll No.....

Total No. of Printed Pages: 1

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**B.Sc. Agriculture (Semester – 5th)**  
**DISEASES OF HORTICULTURAL CROPS AND THEIR MANAGEMENT**  
**Subject Code: BAGE 1555**  
**Paper ID: [130141]**

**Time: 03 Hours**

**Maximum Marks: 60**

**Instruction for candidates:**

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

**Section – A**

**(2 marks each)**

Q1. Attempt the following:

- a) Damping off
- b) Fungus
- c) IPM
- d) Fungicide
- e) Anthracnose
- f) Powdery mildew
- g) Epidemiology
- h) Blight
- i) Leaf curl
- j) Virus

**Section – B**

**(5 marks each)**

- Q2. Describe the causal organism, symptoms, etiology and management of Anthracnose of guava.
- Q3. Explain in brief yellow vein mosaic of bhindi.
- Q4. Describe the symptoms, integrated management of Downey mildew disease of Grape.
- Q5. Describe the symptoms, etiology and integrated management of apple scab disease.
- Q6. Describe any one disease of onion or garlic.

**Section – C**

**(10 marks each)**

- Q7. Describe the causal organism, symptoms, etiology, epidemiology and management of late blight of potato.
- Q8. Describe the causal organism, symptoms, etiology, disease cycle and management of panama wilt disease of banana with suitable diagram.
- Q9. Explain in details any one disease of rose or gladiolus.