

Roll No.....

Total No. of Printed Pages: 2

Total No. of Questions: [09]

B.Sc. (Hons.) Agriculture (Semester – 5th)
DISEASES OF FIELD & HORTICULTURAL CROPS & THEIR MANAGEMENT-I
Subject Code: BAGRS1-554
Paper ID: [19130146]

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) In order to avoid sheath blight in rice,.....the excessive use of nitrogenous fertilizers and keep the buds clean by
- b) What is disease cycle.
- c) Anthracnose in guava caused by.....
- d) What are symptoms of bacterial stalk rot in maize.
- e) Discuss grain smut in sorghum.
- f) Yellow mosaic virus in soybean is transmitted byand infected plants bear few....
- g) Uproot and destroy papaya plants infected withand
- h) Leaf curl virus is transmitted throughwhile mosaic virus through..... in tomato.
- i) Define etiology.
- j) Name the four rice varieties which are resistant to most of the pathotypes of bacterial blight.

Section – B

(5 marks each)

- Q2. What are the symptoms, causes and control measures of guava wilt?
- Q3. Write a short note on (a) Brown strip down mildew in maize (b) Bacterial blight in rice.
- Q4. Briefly discuss the symptoms, causes, and prevention of ergot disease in bajra.
- Q5. Discuss Panama wilt and bacterial wilt in banana.
- Q6. Explain (a) Phomopsis blight in brinjal (b) Yellow Vein Mosaic virus in okra.

Section – C

(10 marks each)

Q7. Discuss the following

- (a) Damping off in tomato
- (b) Leaf curl virus in tomato

- (c) Anthracnose in beans
- (d) Bacterial blight in beans

Q8. Gives brief details about :

- (a) Bacterial blight in pomegranate
- (b) Sigatoka virus in banana.
- (c) Anthracnose disease in guava
- (d) Foot rot disease in papaya.

Q9. Write a short note on the following

- (a) False smut disease of rice.
- (b) Stalk rots in maize.
- (c) Phytophthora blight of pigeonpea.
- (d) Wilt disease in groundnuts.