

Roll No.

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Total No. of Pages: 02

Total No. of Questions: 09

B.Sc. (Agriculture) (2014 & Onwards) (Sem. – 6)
DISEASES OF HORTICULTURAL CROPS AND THEIR
MANAGEMENT

M Code: 74345

Subject Code: BSAG-602

Paper ID: [74345]

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION A

1. Write name of the pathogen and mode of perpetuation of the following diseases:
 - a) Citrus ring spot
 - b) Mango anthracnose
 - c) Guava wilt
 - d) Powdery mildew of ber
 - e) Bacterial blight of pomegranate
 - f) Shoot blight and bark canker of pear
 - g) Little leaf of brinjal
 - h) Pea rust
 - i) Black rot of cruciferous vegetables
 - j) Die-back of rose

SECTION B

2. Differentiate between chilli leaf curl and peach leaf curl.
3. Suggest suitable control measures against downy mildew of grapes.
4. Describe the factors necessary for the development of epiphytotic of late blight of potato.
5. Write about the role of cultural practices and biological control in integrated disease management.
6. Enlist the name and causal organism of important diseases of banana and write down diagnostic symptoms of two diseases.

SECTION C

7. Describe the conditions favourable for foot rot of citrus with details of its disease cycle.
8. Describe the symptoms, causal organism, sources of survival & mode of secondary spread and integrated management of apple scab.
9. Show with the help of neat and labeled diagrams, the disease cycle of early blight of tomato.