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Total No. of Questions: 09

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

Subject Code: BSAG-602 Paper ID: [74345]

Time: 3 Hrs. Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

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

SECTION-A

- Write causal organism and mode of perpetuation of the following diseases. Q1. .on SiRanker.
 - a) Bunchy top of banana
 - b) Foot rot of Papaya
 - c) Grey blight of mango
 - d) Mouldy leaf spot of ber
 - e) Bacterial blight of bean
 - f) Marssonina leaf spot of apple
 - g) Powdery mildew of grapes
 - h) Pea rust
 - i) Die back of rose
 - i) Leaf spot of Jasmine



SECTION-B

- Q2. Write down the symptoms of any four of the following diseases:
 - a) Panama wilt of banana
 - b) Wilt of guava
 - c) Powdery mildew of rose
 - d) Stemphylium blight of garlic
 - e) Stalk rot of crucifers
- Q3. Differentiate between:
 - a) Powdery mildew and red rust of mango.
 - b) Brown rot and leaf curl of peach.
- Q4. Explain the environmental conditions necessary for the development epiphytotics of
 - a) Citrus gummosis.
 - b) Early blight of tomato.
- Q5. How you manage:
 - a) Anthracnose of grapes.
 - b) Leaf spot and canker of pomegranate.
 - c) Downy mildew of muskmelon.
- Q6. Write short note on etiology of citrus greening and guava wilt

SECTION-C

- Q7. Describe symptoms, etiology, favourable factors, survival and integrated management practices to control late blight of potato.
- Q8. Describe in detail the symptoms, causal organism, disease cycle and management of powdery mildew of apple.
- Q9. Write disease cycle and management of any four of the following diseases:
 - a) Apple scab
 - b) Citrus canker
 - c) Phomopsis blight of brinjal
 - d) Damping off disease of vegetables
 - e) Wilt of gladiolus

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