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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Agriculture) (2014 &amp; Onwards) (Sem.-6)

**DISEASES OF HORTICULTURAL CROPS****AND THEIR MANAGEMENT**

Subject Code : BSAG-602

M.Code : 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****Q1. Write the causal organism and mode of perpetuation of the following diseases :**

- a) Citrus gummosis/Foot rot
- b) Citrus canker
- c) Black spot of rose
- d) Wilt of gladiolus
- e) Early blight of tomato
- f) Red rust of mango
- g) Pea rust
- h) Purple blotch of onion
- i) Anthracnose and fruit rot of chili
- j) Brown rot of peaches



**SECTION-B**

- Q2. Explain etiology of mango malformation and citrus greening. Why mango malformation is more severe in North-West region of the country.
- Q3. Name two pathogens of grapes alongwith fungicides against which fungicide resistance has been reported. What strategy should be adopted to check the development of resistance?
- Q4. Write down Integrated management practices to control foot rot of citrus and black tip of mango.
- Q5. Differentiate between Panama wilt and Sigatoka disease of banana.
- Q6. How you will produce disease free seed of potato in your fields?

**SECTION-C**

- Q7. a) Write the important symptoms, causal agent, disease cycle, favorable factors and management of apple scab.
- b) What measures should be adopted in controlling viral diseases of vegetable crops?
- Q8. Write down the diseases of cucurbits, their symptoms, causal organisms and integrated management practices to control these diseases.
- Q9. Describe symptoms, etiology, favourable factors, survival and integrated management practices to control late blight of potato.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**