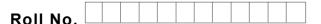


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Total No. of Pages : 02

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B.Sc. (Agriculture) (2014 to 2018) (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

- a) Write the causal organism and mode of perpetuation of the following diseases : 1. est anter.
 - i) Mouldy leaf spot of ber
 - ii) Shot hole of peaches
 - iii) Black spot of rose
 - iv) Wilt of gladiolus
 - v) Early blight of tomato
 - b) Give your comment on the following :
 - i) Etiology of mango malformation
 - ii) Pestalotiopsis sp
 - iii) Candle like appearance of conidia and conidiophore
 - iv) Perfect and imperfect stage of citrus scab
 - v) Rainfall is detrimental to powdery mildew

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SECTION-B

- 2. How you will differentiate citrus greening from zinc deficiency? Suggest the suitable control measures for these two.
- 3. How will you diagnose the following disease in the orchard :
 - a) Early blight of tomato
 - b) Yellow vein mosaic of okra
 - c) White rot brinjal
- 4. Write down Integrated management practices to control foot rot of citrus and black tip of mango.
- 5. Differentiate between Panama wilt and Sigatoka disease of banana.
- 6. How you will produce disease free seed of potato in your fields?

SECTION-C

- 7. Write the important symptoms, causal agent, disease cycle, favorable factors and management of marshonina leaf spot of apple.
- 8. Write down the diseases of crucifers, their symptoms, causal organisms and integrated management practices to control these diseases.
- 9. Describe integrated management practices of the following diseases (Any five) :
 - a) Late blight of potato
 - b) Apple scab
 - c) Leaf spot of marigold
 - d) Brown rot of peaches
 - e) Anthracnose of grapes
 - f) Fruit drop of citrus

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.