

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Agriculture) (2014 & 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 :

- Citrus gummosis/Foot rot
- Citrus canker
- Black spot of rose
- Wilt of gladiolus
- Early blight of tomato
- Red rust of mango
- Pea rust
- Purple blotch of onion
- Anthracnose and fruit rot of chili
- 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.