

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Agriculture (2014 & Onwards) (Sem.-7)

POST HARVEST DISEASES & THEIR MANAGEMENT

Subject Code : BSAG-PP 705

M.Code : 74867

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 short notes on the following :**

- a) *Penicillium* spp causing post harvest diseases
- b) Post harvest pathology
- c) *Colletotrichum* spp as post harvest pathogen
- d) Low pressure storage
- e) Cold storage
- f) Fruit irradiation
- g) Mycotoxin
- h) Soft rot of onion
- i) Sweet potato black rot disease
- j) Virus as a post harvest pathogen

SECTION-B

2. Classify different post harvest diseases on the basis of pathogens along with examples.
3. Discuss the Aspergillus rot of the citrus, their symptoms on infected plants and their management.
4. Why the harvested fruits and vegetables become vulnerable to the attack of microorganisms?
5. Write short note on the losses caused due to the post harvest disease.
6. Discuss how the nutrient management of crop plants helps in avoiding the post harvest diseases along with examples.

SECTION-C

7. Discuss in detail different post harvest handling practices that influence the development of post harvest disease of various fruits and vegetables.
8. Enlist different post harvest diseases of citrus and discuss any three of them in detail including symptoms, favourable conditions and management.
9. Discuss different post harvest diseases of potato and discuss their symptoms, favourable conditions and management.

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.