

Roll No.

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  
Paper ID : [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**

**Q.1. Write short notes on the following :**

- a) Post-harvest pathology
- b) Post-harvest losses in durable commodities
- c) Wound pathogens
- d) Store room atmosphere
- e) Ethylene
- f) Latent/quiescent infection
- g) Soft rot
- h) *Mucor*
- i) *Aspergillus*
- j) *Botrytis*

### SECTION-B

- Q.2. Differentiate between anthracnose and stem-end rot of mango.
- Q.3. Classify post harvest diseases of fruits and vegetables on the basis of pathogens with examples.
- Q.4. Discuss the fruit ripening stage with respect to post-harvest decay.
- Q.5. How does the inoculum level affect the development of post-harvest diseases?
- Q.6. Enlist defence mechanisms of the host.

### SECTION-C

- Q.7. Describe the disease *Penicillium* fruit rots of citrus by writing symptoms, etiology, disease cycle and management.
- Q.8. Discuss different strategies for management of post-harvest diseases of perishables.
- Q.9. Enlist the name and causal organism of post-harvest diseases of cucurbits and describe in detail symptoms and management of one disease.