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B.Sc. Agriculture (2014 to 2018) (Sem.-7)
POST HARVEST DISEASES & THEIR MANAGEMENT
Subject Code : BSAG-PP 705
M.Code : 74867

Max. Marks : 60

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.

1. Differentiate between :

- (a) Alternaria and Aspergillus rot in papaya
- (b) Stem end rot and Penicillium rot in kinnow
- (c) Crown rot and cigar end rot of banana
- (d) Alternaria and Phytophthora fruit rot of tomato
- (e) Anthracnose and Pestalotia rot of guava
- (f) Anthracnose and bacterial rot of mango
- (g) Market pathology and Plant Pathology
- (h) Enzymes and Toxins
- (i) Infection peg and Appresorium
- (j) Pre-harvest and postharvest control

SECTION-B

2. Write short note on pathogen penetration following physiological damage of a fruit.
3. Write short note on pathogen penetration following a primary pathogen attack in a fruit.
4. What are the postharvest losses? How you can minimize them?
5. Write symptoms of anthracnose of guava and its management strategies.
6. Explain the difference between hydro-cooling and vacuum cooling in storage of fruits and vegetables.

SECTION-C

7. What is the effect of safe handling and storage practices on development of post-harvest diseases of fruits and vegetables?
8. Enlist post-harvest diseases of apple and pear. Write integrated management practices to control diseases of apple.
9. (a) Write the important tips for storage of high quality horticultural produce.
(b) Explain different type of packaging employed in fresh produce.

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.