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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. - Honours (Agriculture) (Sem.-6)

**POST-HARVEST MANAGEMENT AND VALUE ADDITION OF
FRUITS AND VEGETABLES**

Subject Code : BSAG604-19

M.Code : 91795

Date of Examination : 07-06-2023

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 briefly :

- a) Dehydration
- b) Field heat
- c) Marmalade
- d) Pasfeurization
- e) Curing
- f) Degreening
- g) Sorting and Grading
- h) Climacteric fruits
- i) Enzymatic browning
- j) Non - Climacteric fruits.

SECTION-B

2. Describe maturity indices of mango.
3. Describe controlled atmospheric storage.
4. Biochemical changes during ripening of fruits.
5. Lacquering.
6. Factors affecting respiration rate.

SECTION-C

7. Importance and scope of fruits and vegetable preservation in India.
8. Describe pre-harvest factors affecting post-harvest quality of fruits and vegetables.
9. What is ZECC? Discuss its advantages in the context to India.

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.