

Roll No. 

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 02

Total No. of Questions : 09

**B.Sc. Honours (Food Technology) (Sem.–3)**  
**TECHNOLOGY OF FRUITS, VEGETABLES AND PLANTATION**  
**CROPS**

Subject Code : BSFT-213-21

M.Code : 92929

Date of Examination : 16-12-22

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A contains SIX questions carrying TWO marks each and students has to attempt ALL questions.
2. SECTIONS-B consists of FOUR Subsections : Units-I, II, III & IV. Each Subsection contains TWO questions each carrying TWELVE marks each and student has to attempt any ONE question from each Subsection.

**SECTION-A**

1. Differentiate between :
  - a. Jam and Jelly
  - b. Fruits and Vegetables
  - c. Essential oil and Oleoresins
  - d. Tomato sauce and Tomato ketchup
  - e. Spices and Herbs
  - f. Nectar and Juice

**SECTION-B**

**UNIT-I**

2. What is the importance of canning in fruit preservation? Explain the manufacturing process of canning of any fruit with a flow diagram.

3. Write a short note on
  - a. the present-scenario of India's fruits and vegetable production and processing industries.
  - b. Physical and chemical indices of fruit maturity.

## **UNIT-II**

4. Write a short note on the processing and preservation of apple juice.
5. Explain the preparation of the followings with the help of a flow diagram :
  - a. Fruit Jelly
  - b. Pineapple Jam

## **UNIT-III**

6. Enlist the different tomato-based products. Also, discuss the processing of any two tomato products with their flow diagram.
7. Write a short note on :
  - a. The dehydration of fruits and vegetables.
  - b. Different types of pickles.

## **UNIT-IV**

8. Write a short note on the source, types and importance of the spices in the food industry.
9. What is coffee? Enlist different types of coffee. Explain the process of conversion of coffee beans to coffee.

**NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.**