

B.Tech. Seventh Semester (Food, Pulp & Paper, Oil & Paint & Petro Technology) (CGS)
11063 : Special Technology - V : Food Technology - V : 7 FT 05

P. Pages : 2

Time : Three Hours



AU - 2952

Max. Marks : 80

- Notes :
1. Answer **all** question from Section A and **all** question from Section B.
 2. Diagrams and chemicals equations should be given wherever necessary.
 3. Illustrate your answer necessary with the help of neat sketches.

SECTION - A

1. Describe aseptic processing of mango pulp with flow diagram. **14**

OR

2. a) Draw flow diagram of canning of tomato puree. **7**
b) Enlist the ingredients of jam making. Give the importance of each ingredient. **7**
3. a) Explain with flow diagram manufacture of drinking yoghurt. **8**
b) Give the classification of cheese. **5**

OR

4. a) Give the composition of milk in the form of chart. **5**
b) What is pasteurization of milk? Discuss the process technology of pasteurization of milk. **8**
5. a) Explain animal slaughter house operations. **8**
b) Give the composition of eggs. **5**

OR

6. a) Describe various methods of meat preservation. **8**
b) Write a note on fish Spoilage. **5**

SECTION - B

7. a) Give the functions of food packaging. **4**
b) Describe various polymers used in food packaging. **6**
c) Write a note on aseptic packaging. **4**

OR

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|----|----|---|---|
| 8. | a) | Discuss different types of packaging materials. | 9 |
| | b) | Write a note on CAS. | 5 |
| 9. | a) | Give the classification of beverages. | 5 |
| | b) | Describe process flow diagram of orange squash. | 8 |

OR

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|-----|----|--|---|
| 10. | a) | Draw flow diagram of orange juice processing. | 6 |
| | b) | What is flavour of food? Explain how flavour is correlated to aroma & other factors. | 7 |
| 11. | | Write notes on following. | |
| | a) | Food preservatives. | 5 |
| | b) | Food Antioxidants. | 4 |
| | c) | BIS. | 4 |

OR

- | | | | |
|-----|----|---------------------------|---|
| 12. | | Write notes on following. | |
| | a) | Agmark. | 4 |
| | b) | FSSA. | 5 |
| | c) | Food emulsifiers. | 4 |

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