

D 74371

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Name.....

Reg. No.....

**FIRST SEMESTER B.Sc. DEGREE EXAMINATION  
NOVEMBER 2014**

(CUCBCSS-UG)

Core Course – Food Technology

FT 1B 01 – PERSPECTIVES OF FOOD SCIENCE AND TECHNOLOGY

Time : Three Hours

Maximum : 80 Weightage

A. Objective Type (*All questions are compulsory*) :

Multiple choices :

1. Pigment present in Chilli :

(a) Carotenoids.

(b) Capsanthin.

(c) Curcumin.

(d) Anthocyanin.

2. Enzyme present in pepper :

(a) Polyphenolase.

(b) Papain.

(c) Amylase.

(d) Protease.

3. Sodium benzoate is a :

(a) Preservative.

(b) Sweetener.

(c) Colouring agent.

(d) Thickening agent.

Fill in the Blanks :

4. \_\_\_\_\_ is a flavour enhancer.

5. \_\_\_\_\_ is a thickening agent.

6. Fish oil is rich in \_\_\_\_\_.

7. \_\_\_\_\_ is used for ripening of fruits.

8. \_\_\_\_\_ is a Pungent spice.

9. Saccharin is a \_\_\_\_\_.

10. \_\_\_\_\_ is called king of spice.

(10 × 1 = 10 weightage)

B. Short Answer Type Questions (Answer any *five* questions) :

11. What is hedonic scale in Sensory analysis?

12. What are flavour enhancers? Give *two* examples

Turn over

13. What are Functional foods?
14. What is the difference between prebiotic and probiotic?
15. What is the benefit of adding flour improvers and leaving agent in flour?
16. Define organic foods.
17. What is meant by pasteurization?

(5 × 2 = 10 weightage)

C. Short Essay or Paragraph Questions (Answer any six from eight) :

18. Genetically Modified Foods.
19. Nutraceuticals.
20. Surface active agents.
21. Antioxidants and their mode of action.
22. Inversion of sugar.
23. Processing of milk.
24. Biochemical changes during ripening of fruit.
25. Rigor Mortis.

(6 × 5 = 30 weightage)

D. Essay (Answer any two) :

26. Explain the method of spice Oleoresin Preparation.
27. Explain the classification of fruits and vegetables and bio-chemical changes taking place during ripening of fruits.
28. What are the methods followed for the sensory assessment of a food?
29. Write on different methods of legumes and pulse processing with an example.

(2 × 15 = 30 weightage)