

D 53657

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Name.....

Reg. No.....

**FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2023**

Food Technology

FTL 1B 01—PERSPECTIVES OF FOOD SCIENCE AND TECHNOLOGY

(2019—2023 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A*Each question carries 2 marks.**(Maximum 20 Marks)*

1. Define Pasteurisation.
2. What are Antioxidants ? Give examples.
3. What are Nutraceuticals ?
4. Give two examples of colouring agents.
5. Expand NIFTEM.
6. What is inversion sugar ?
7. Define GM foods.
8. What are macro and micro minerals ? Give two examples for both.
9. Differentiate between fat and oil.
10. What are coarse legumes ? Give two examples.
11. Write any two preservatives used in milk.
12. Give two examples for disaccharides.

Section B*Each question carries 5 marks.**(Maximum 30 Marks)*

13. Classify carbohydrates.
14. Discuss in detail about the hedonic scale and ranking test.

Turn over

15. Expand and give a brief description on CFTRI.
16. Discuss the functions of food.
17. Explain briefly on health foods.
18. Characteristics of an ideal food additive.
19. Describe the structure and composition of cereal grains.

Section C

*Answer any **one** questions.
The question carries 10 marks.*

20. Discuss in detail about centers of food research in India.
21. What are food additives? Classify and Explain various food additives.

(1 × 10 = 10 marks)