

**FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2020**

Food Technology

FTL 1B 01—PERSPECTIVES OF FOOD SCIENCE AND TECHNOLOGY

(2019 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A

*Answer at least **eight** questions.*

Each question carries 3 marks.

All questions can be attended.

Overall Ceiling 24.

1. Define Nutraceuticals.
2. Expand GRAS.
3. What is platform test ?
4. Give examples for natural colourants.
5. What is protein ?
6. Write major milk protein ?
7. What are Sequestrants ?
8. Give example for oil in water emulsion ?
9. What is haugh unit ?
10. What is organic milk ?
11. What is nisin ?
12. Give major food industries in India.

(8 × 3 = 24 marks)

Turn over

Section B

*Answer at least **five** questions.*

Each question carries 5 marks.

All questions can be attended.

Overall Ceiling 25.

13. Write the classification of vegetables based on nutritive value.
14. Write short note on sensory characteristic of food.
15. Classify lipids.
16. Write the advantages and disadvantages of objective evaluation of food quality.
17. Write a short note on organic foods and GM foods with example.
18. Give the principles of organic agriculture.
19. Write a short note on food additives.

(5 × 5 = 25 marks)

Section C

*Answer any **one** question.*

The question carries 11 marks.

20. What are the different sensory tests employed for food evaluation ? Explain in detail.
21. Discuss in details about major food research institutes in India.

(1 × 11 = 11 marks)