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Name.....

Reg. No.....

FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION, NOVEMBER 2021

Food Technology

FTL 1B 01—PERSPECTIVES OF FOOD SCIENCE AND TECHNOLOGY

(2019 to 2020 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A*Answer all questions.**Each carries 2 marks.**Maximum 20 marks.*

1. What do you understand by the term food additives ?
2. Write about paired comparison test.
3. Write a short note on descriptive methods of sensory analysis.
4. Give an account on food pyramid.
5. What is emulsifier ? Give examples.
6. List the different methods of assessing food quality.
7. Write about antioxidants used in food with examples.
8. Give an account on nutraceuticals.
9. Write on classifications of carbohydrates.
10. Write the functions of fat in human nutrition.
11. Enlist the different organization involved in food research in India.
12. Write about duo trio test.

Section B*Answer all questions.**Each carries 5 marks.**Maximum 30 marks.*

13. Classify foods based on their functions and enlist the functions of carbohydrate.
14. Write about the sources, deficiency diseases and symptoms of fat soluble vitamins.

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15. Discuss about organic and genetically modified foods.
16. Discuss briefly about the composition of fruits, vegetables and spices.
17. Discuss briefly about the structure of wheat.
18. Write briefly about the journals and magazines you know in the field of food research.
19. Discuss about the various preservatives used in food processing and preservation.

Section C

*Answer any **one** question.*

Each carries 10 marks.

20. Discuss about the activities of various institutes involved in food research.
21. Discuss in detail about prebiotic and probiotic foods.

(1 × 10 = 10 marks)