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Name.....

Reg. No.....

**FIRST SEMESTER B.A./B.Sc. DEGREE EXAMINATION
NOVEMBER 2019**

(CBCSS—UG)

Food Technology

FTL 1B 01—PERSPECTIVES OF FOOD SCIENCE AND TECHNOLOGY

(2019 Admissions)

Time : Two Hours

Maximum : 60 Marks

Part A

Each question carries 2 marks.

(Ceiling - 20 marks)

1. Classification of vitamins.
2. Write the composition of egg.
3. What is threshold test ?
4. Give examples for naturally present antioxidants.
5. What is GSTF ?
6. What are the functions of EDTA in food industry ?
7. What are prebiotic ?
8. Give two examples for nutraceuticals.
9. Enlist the important amino acids presents in pulses?
10. What is F⁺ milk ?
11. Write the chemical name of Vitamin D2 and Vitamin K.
12. What is white fish ?

Part B

Each question carries 5 marks.

(Ceiling - 30 marks)

13. Why food additives are added to food ?
14. Discuss in detail about flour improvers and surface active agents.

Turn over

15. Differentiate between prebiotic and probiotics.
16. What is functional food ?
17. Describe nine point one hedonic scale.
18. How is the safety of food additives evaluated ?
19. Write a short note on major spices in India.

Part C

*Answer any **one** question.*

The question carries 10 marks.

20. What are food additives ? What are additives used for ?
21. Explain structure and composition of wheat with suitable diagram.

(1 × 10 = 10 marks)