



23104702

QP CODE: 23104702

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR/IMPROVEMENT/REAPPEARANCE
EXAMINATIONS, FEBRUARY 2023**

First Semester

B.Sc Food Technology & Quality Assurance

Core Course - FQ1CRT01 - INTRODUCTION TO FOOD TECHNOLOGY

2017 Admission Onwards

934C55DB

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. How can we reduce freezing point of ice?
2. Write a note on DSC colorimeter.
3. Define sol.
4. Define healthy food pyramid.
5. How can we increase the shelf-life of oils?
6. Why do we use antibiotics in food? Give suitable examples.
7. What is quota sampling? Cite suitable example.
8. Write on the various steps in sampling.
9. Write a note on mode with suitable example.
10. What is misbranding of food?
11. Write note on ISO:22000.
12. Give any two objective evaluation of food with example.

(10×2=20)

Part B

*Answer any **six** questions.*





Each question carries 5 marks.

13. Explain in detail about various meters used in food industry. Explain the applications of pH.
14. Why smoke pont irritates our nose and eyes?
15. Defie foam. Explain the factors affecting the degree of dispersion.
16. Give a brief description on extrusion.
17. Differentiate between Class-I and Class-II preservatives.
18. Describe incidental adulteration and its types.
19. What are the major factors affecting the choice of sampling plan?
20. Give an account of any two methods of mathematical average with merits, demerits and suitable examples.
21. Describe the role of AGMARK in grading food commodities of India.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Give the principle and applications of the following instruments:
a. Refractometer b. Alcoholometer c. DSC calorimeter d. Pycnometer
23. What are the major types of colloidal systems observed in food?
24. What are the major intentional adulterants in various foods? Explain the methods for detection of these adulterants.
25. What are the mandatory and voluntary food laws in India?

(2×15=30)

