



23145818

QP CODE: 23145818

Reg No :

Name :

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

First Semester

B.Sc Food Science & Quality Control Model III

**Core Course - FS1CRT03 - METHODOLOGY IN THE DISCIPLINE OF FOOD
SCIENCE**

2017 Admission Onwards

35C09F08

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. Expand FSSAI.
2. Define Food Microbiology.
3. Name the components of Food Industry.
4. What is Reverse Osmosis?
5. List down few products that came into the market recently with high nutritive value.
6. What is an attribute?
7. What do you mean by a cluster sample?
8. What is a survey in research?
9. What do you mean by formulating an hypothesis?
10. What do you mean by documenting the datas?
11. Distinguish between Grouped data and Ungrouped data.
12. Define Mean.

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Describe the role of food science in providing safe food.
14. Packaging industry is a good example for allied industries? Discuss with suitable example.
15. What are the pitfalls of product development?
16. Give an account of different membrane technology processes.
17. Explain the future trends in membrane technology.
18. Discuss the relative merits and demerits of: (a) Rating vs. Ranking scales. (b) Summated vs. Cumulative scales.
19. Explain briefly the two types of interview method.
20. Discuss on any two common scientific instruments used in food Science.
21. Define statistical representation of data. Explain some of the tools in data presentation.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Define Food Science. Explain the following in detail.
 - 1) Career in Food Science
 - 2) Activities of Food Scientists
 - 3) Components of a food Industry
23. Elaborate on competitive behaviour and its various forms.
24. Discuss on Research, its types and its importance in the field of food science.
25. Define Research. Explain on deductive and inductive model used in research.

(2×15=30)

