



QP CODE: 18103648



Reg No :

Name :

B.Sc.DEGREE(CBCS)EXAMINATION, DECEMBER 2018

First Semester

B.Sc Food Science & Quality Control Model III

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

2018 Admission only

22F858B3

Maximum Marks: 80

Time: 3 Hours

Part A

Answer any **ten** questions.

Each question carries **2** marks.

1. Define Food Technology.
2. Define Food Microbiology.
3. What is an allied industry? Give one example?
4. Define Product Life Cycle.
5. Explain the term fractionation?
6. What are the types of variables in research?
7. What is Probability Sampling?
8. Define Experimentation and its importance in research methodology
9. What are scientific instruments?
10. Define Longitudinal Research.
11. Define T test.
12. What is graphical representation in research?

(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. "Food industry is divided into segments". Elaborate.





15. Illustrate and Explain the processing of beer production with membrane technology?
16. What is the role of next generation food products in the field of food science.
17. Explain the qualities of a researcher.
18. Briefly explain the measurement scales in research.
19. What do you mean by one tailed and two tailed test?
20. What do you mean by scheduled method of data collection? How is it contrasted from questionnaire method? Explain in brief.
21. What do you mean by Statistical testing of Hypothesis. Elaborate.

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **15** marks.

22. Food science covers all aspects of food material products handling, processing, distribution etc. Therefore food scientist also deals in these areas. State the activities of food scientists
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)

