



QP CODE: 23104648



23104648

Reg No :

Name :

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

First Semester

B.Sc Food Science & Quality Control Model III

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

2017 Admission Onwards

38CD5941

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. Expand FSSAI
2. Define dried milk.
3. Name the components of Food Industry.
4. What do you mean by idea generation in NPD?
5. Which are the various forms that competitive behaviour can adopt?
6. What is the significance of a research?
7. What do you mean by a cluster sample?
8. What is a survey in research?
9. Define One tail Hypothesis.
10. What do you mean by documenting the data?
11. Explain the following a) Graphs b) Histograms
12. Define Correlation.

(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. Give a comparison on Food Engineering and Food Processing.
15. Define dead-end geometry with two main flow configurations.
16. Give an account of different membrane technology processes.
17. Define whey. What are the two kinds of whey? Explain.
18. Define Research Methods. Which are the major research methods applied in Food Science?
19. Explain about deductive model and inductive model.
20. Discuss on any two common scientific instruments used in food science.
21. Explain different types of graphical representations with its advantages and disadvantages.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Explain the activity of allied industries with specific examples.
23. Next generation products are being used in agricultural and food processing industries. Support this statement with valid examples. Also mention the concerns regarding genetically engineered food.
24. "Scaling describes the procedures by which numbers are assigned to various degrees of opinion, attitude and other concepts." Discuss. Also point out the bases for scale classification.
25. Explain in detail about data collection and its two methods - primary and secondary data collection.

(2×15=30)

