



QP CODE: 22002311

Reg No :

Name :

MSc DEGREE (CSS) EXAMINATION , NOVEMBER 2022

Second Semester

M Sc FOOD TECHNOLOGY AND QUALITY ASSURANCE

CORE - FQ010205 - FOOD QUALITY ASSURANCE AND MANAGEMENT

2019 Admission Onwards

584FFFE9

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. Pectin.
2. Control chart.
3. Preservatives.
4. What is Intoxification?
5. Write down the significance of a drainage system in food industry.
6. How can you ensure FIFO or FEFO in a Food industry?
7. Describe failure mode and effect analysis.
8. Write the significance if ISO 14000 standard.
9. Write a note on Critical limit.
10. Biogas & its advantages.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. Discuss about the major functions of quality assurance.
12. List the main offenders responsible for hazards through contaminated food.





13. Harmful effects of aflatoxin contaminated foods.
14. Explain the importance of food plant design.
15. Explain the sanitizing procedure for raw foods and food contact equipments.
16. Illustrate the importance of supplier partnership in TQM.
17. How control charts helps in statistical process control of a food industry.? Illustrate with an example.
18. Explain various forms of IPR.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Explain in detail about the microbial toxins.
20. Discuss on design of food processing equipment and its maintenance regarding food safety.
21. Explain ISO 9001 Quality Management System with its principles and features.
22. Explain the processes used under tertiary treatment.

(2×5=10 weightage)

