



21000376

QP CODE: 21000376

Reg No :

Name :

M Sc DEGREE (CSS) EXAMINATION, MARCH 2021

Third Semester

Faculty of Science

M Sc FOOD TECHNOLOGY AND QUALITY ASSURANCE

Elective - FQ820302 - FOOD SANITATION AND HYGIENE

2019 Admission Onwards

F1155BA7

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. Write a brief note on growth phases of microorganism
2. Explain different thermal methods to control microorganism
3. List the factors affecting action of chemical sanitizers
4. Mention about evaluation of sanitation procedure ?
5. List out seven body parts that are often sources of microbial infection
6. Define ATP Bioluminescence
7. Mention any four guidelines for the premises- requirement in food industry
8. Explain the importance of foot dip procedure in seafood plant
9. Define FIFO and its importance
10. Differentiate between correction and corrective action

(8×1=8 weightage)





Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Define food hygiene? Also explain importance of food hygiene
12. Discuss methods of sanitization
13. Discuss rodents and its control measure
14. Explain in detail about procedures for handwashing and its importance in food industry
15. Explain different types of cleaning compounds used in dairy processing plant.
16. Discuss about evaluation of sanitation effectiveness in fruit and vegetables processing plant
17. Illustrate how food safety can be attained by ensuring personal hygiene
18. Explain the major functions of sanitation management in a food industry

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Define food born illness and discuss on it
20. Describe in detail COP and CIP cleaning system along with its advantages and disadvantages
21. Explain about the sources of contamination caused in distillery processing and its remedial measures
22. Describe Master cleaning schedule and checklist for a food industry based on its process flow chart

(2×5=10 weightage)

