



QP CODE: 26019569



Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, MARCH 2026

Fourth Semester

M Sc HOME SCIENCE BRANCH X(D) - FAMILY AND COMMUNITY SCIENCE

ELECTIVE - HS800402 - FOOD MICROBIOLOGY AND FOOD SAFETY

2019 Admission Onwards

BE6B8A82

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Brief on significance of microorganisms in foods.
2. Listout the ommon food borne bacteria?
3. What is genetically engineered foods?
4. Write the advantages of prebiotics.
5. What are the health beneficts of bread?
6. Listout the microorganisms involved in spoilages of Eggs.
7. What are the symptoms of Hepatitis A?
8. Write the advantages of manothermosonication in food processing.
9. Write on AGMARK.
10. What is the main goal of Codex Alimentarius?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Write the defenition scope of food microbiology.
12. What are the parameters affecting microbial growth?
13. Write the disadvantages of Single-Cell Protein.
14. Write on the importance of curd in health.





15. Write on causes and symptoms of Botulism?
16. Explain on pulsed electric field technology in food preservation.
17. Why is quality assurance important in food?
18. Describe the Food Safety and Standards Authority of India.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Explain on types and health beneficts of cheese.
20. Discuss on sources of contamination and microorganisms involved in spoilages of milk and canned foods.
21. Describe the principles and any two methods of food preservation.
22. Discuss on biological, physical and chemical hazards.

(2×5=10 weightage)

