

Subject Title: Food Microbiology

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Unit - I:

SHORT QUESTIONS:

1. Name any 4 bacteria that generally contaminate fruits & vegetables?
2. What is Food spoilage?
3. Describe briefly spoilage of meat?
4. Write about spoilage of canned food?
5. What is salmonellosis?
6. Briefly describe about shigellosis?

ESSAY QUESTIONS:

7. What is spoilage? Describe microorganisms of food spoilage & their sources?
8. Give a concise note of factors that invite food spoilage?
9. Describe important food born diseases studied by you?
10. What are the factors in a food that influence spoilage?
11. What are canned foods? Describe the different types of spoilage of canned foods?
12. Write about shigella? Discuss in detail the type of food born disease caused by it?

Unit - II:

SHORT QUESTIONS:

13. What is panary fermentation?
14. Which milk product is prepared by partially degraded concentrate of milk fat & casein?
15. Write briefly about production of Yoghurt?
16. Write short notes on Cheddar & cottage cheese?
17. Write short notes on probiotic microorganisms?
18. Describe briefly about biochemical activities of milk?

ESSAY QUESTIONS:

19. Describe various types of fermented food items in detail?
20. What is cheese? Describe main steps involved in cheese production?
21. What is Single cell protein? Describe various microorganisms involved in the production of SCP?
22. What are mushrooms? Briefly describe the commercial production of any 2 mushrooms & enumerate the various advantages offered by mushrooms?
23. What are probiotics? Describe the significance & desirable characteristics of probiotics?
24. Describe biochemical activities of microorganisms in milk?

Unit - III:

SHORT QUESTIONS:

25. Write short notes on Staphylococcal poisoning?
26. Briefly describe about clostridium botulinum?
27. What is pasteurization?
28. Write about chemical methods of food preservation?
29. What is appertization?

ESSAY QUESTIONS:

30. Write an essay on food preservation?
31. Define food intoxication? Describe the major food intoxication studied by you?
32. Describe in detail about Botulism?
33. Give a brief account on staphylococcal poisoning?

Unit - IV:

SHORT QUESTIONS:

34. What do you understand by potable water?
35. What is the process of chlorination?
36. Clarify sewage?
37. Write short notes on composting?
38. What is sanitation of potable water?
39. Write briefly about secondary Or biological treatment of sewage?

ESSAY QUESTIONS:

40. Describe municipal water purification process in detail?
41. What is sewage? Describe municipal treatment process of sewage treatment?
42. What is water potability determination? Describe coliform test technique used to determine water potability?
43. Give a concise account of composting & describe the process of composting in detail?
44. Define Biodegradation? Describe the process of biodegradation of natural organic compounds?
45. Write an essay on solid waste disposal?

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