

TM243873U

Reg. No :

Name :

P.G. Diploma (C.S.S) EXAMINATION, NOVEMBER 2024
2023 ADMISSIONS REGULAR
Clinical Nutrition And Dietetics - SEMESTER : 3- CORE COURSE
CN3C10TPGD20 - Food Microbiology and Quality Control

Time : 3 Hours

Maximum Weight : 30

Part A

I. Answer any Eight questions. Each question carries 1 weight

(8x1=8)

1. Brief on general morphology of virus.
2. Define the term immunoelectrophoresis.
3. Explain pour plate method.
4. Describe the sources of spoilage in egg.
5. Write a note on citrinin.
6. Discuss on shellfish poisoning.
7. Enumerate any five functions of BIS.
8. Discuss the principles of food preservation.
9. Differentiate between food safety measures taken for equipment and utensils.
10. Explain the relevance of PFA in the packaging of food products.



Part B

II. Answer any Six questions. Each question carries 2 weight

(6x2=12)

11. Explain the role of microorganisms in food industry.
12. Explain Etest and agar dilution test.
13. Discuss on spoilage of cereal products.
14. Write a brief note on ergotism.
15. Discuss on toxicants found in plant foods.
16. Define the types, purposes and microbiological criteria for foods.
17. Discuss the role of natural antimicrobial compounds in food preservation.
18. What is the relevance of food safety measures in railways and airlines?

Part C

III. Answer any Two questions. Each question carries 5 weight

(2x5=10)

19. Brief on immune electrophoresis.
20. Give the effect of microorganisms on cereal and cereal products in detail.
21. Discuss on naturally occurring toxicants in animal foods.
22. Describe different types of infectants used in food service establishments.