

TB244111S

Reg. No :

Name :

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2024

2022 ADMISSIONS REGULAR

SEMESTER IV - B. Voc. Food Processing Technology

VFPT4G09B18 - By Product Utilization and Waste Management

GENERAL

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. Write 2 post harvest handling methods.
2. Why is waste management important?
3. Recall BOD.
4. Give 2 examples of pesticides.
5. Define flotation.
6. State the objectives of preliminary treatment?
7. Rewrite skimming.
8. Write a note on sunflower seed cake.
9. List 4 by products from grapes.
10. Write a note on grape pomace.
11. List out the hatchery wastes.
12. List out the by products of meat processing industry.

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Write a short note on magnitude of by-products and waste in food processing.
14. Write a short note on waste management methods.
15. How are wastes characterized?
16. Express the chemical characteristics of waste water
17. Explain the different methods of floatation.
18. List out the importance of effluent treatment.
19. Explain the casein manufacture.
20. Explain the extraction of pectin.
21. Summarize on chitosan and amberigis.

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Discuss the importance of waste management and its treatment.
23. Write in detail about industrial waste water and its management.
24. Explain the utilization of byproducts from fruits.
25. Explain in detail on the utilization of by products from dairy processing.

