

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2025
2018, 2019, 2020, 2021, 2022 ADMISSIONS SUPPLEMENTARY
B.VOC FPT SEMESTER IV - GENERAL
VFPT4G09B18 - By Product Utilization and Waste Management

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks**(10x2=20)**

1. Memorize Byproduct utilization.
2. Define Byproducts.
3. Differentiate between industrial wastewater and municipal wastewater.
4. List out two consequences of presence of grease in water.
5. Name the common methods of waste water treatment.
6. List any two physical unit operations in effluent treatment.
7. Identify flocculation.
8. Write on coconut pith.
9. Write the application of rice bran.
10. Write on wheat bran.
11. Write on offal waste.
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 land filling.
14. Explain the food processing operations and associated waste.
15. Express the harmful effects of pesticides.
16. Explain in detail the physical characteristics of waste water.
17. Explain the primary treatment of industrial waste water.
18. Express the importance of disinfectant.
19. Write a note on by products from sugar.
20. Explain in detail on by products from coconut.
21. Summarize on chitosan and amberigis.

Part C

III. Answer any Two questions. Each question carries 15 marks**(2x15=30)**

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