

TB154545C

Reg. No:

Name:

B. VOC. DEGREE (C.B.C.S.S.) EXAMINATION, MARCH 2017
SEMESTER IV – COMPLEMENTARY COURSE (FOOD PROCESSING
TECHNOLOGY)
VFP4G09TB - BYPRODUCT UTILIZATION AND WASTE MANAGEMENT

Time: Three Hours

Maximum Marks: 80

PART A

I Answer all questions. Each question carries 1 mark.

1. Define hazardous waste.
2. What is trickling filters?
3. What is press mud?
4. Define waste water.
5. What is chitosan?
6. What is composting?

(6x1=6)

PART B

II Answer any seven questions. Each question carries 2 marks.

7. What is dissolved air floatation (DAF)?
8. Why is waste management important?
9. Define poultry fat?
10. What is landfill leachate?
11. What is heat value?
12. What is MDPM?
13. What is gravity trap?
14. What is gelatin?
15. What are chemotropic microorganisms?
16. What are rotifers?

(7x2=14)

PART C

III Answer any five questions. Each question carries 6 marks.

17. Explain total oxygen demand.
18. Explain the by products from fisheries industry.
19. What is segregation of wastes?
20. Explain chain management.

21. Explain drainage of wastes.
22. What is peat?
23. Explain characteristics of brewery waste.
24. Write short notes on microbiology of waste.

(5x6=30)

PART D

IV Answer any two questions. Each question carries 15 marks.

25. Explain with the help of a flow diagram the preparation of Fish protein Hydrolysate.
26. Explain in detail wastewater, its characteristics and levels of treatment.
27. Describe in detail about the fisheries byproducts.
28. What is the importance and scope of waste management?

(2x15=30)