

Question Bank

Program: CH

Semester: Third

Name of course: Technology of Organic Chemicals

Course code: 22410

Unit Test 1

Chapter 1-Alcohol (14 marks)

2 marks question

1. Name two alcohols with molecular formula.
2. List enzymes used in alcohol manufacturing.
3. List any two industrial applications of ethanol
4. Write reactions involved in oxo process.

4 marks question

5. Draw flow diagram for the manufacturing of ethanol from corn.
6. Explain the process for manufacturing of ethanol from molasses.
7. Draw flow diagram for the manufacturing of ethanol from molasses.
8. Explain the process for manufacturing of Acetic Acid using Ethanol.(4)
9. Explain Manufacturing process of Ethyl Acetate.
10. Explain Manufacturing process of Butanol with reactions.
11. Draw PFD for manufacturing of acetaldehyde.

Chapter 2 Oil , Soap and Detergent (10 marks)

2 marks question

12. Define Acid Value
13. Define Iodine Value
14. Write name of catalyst used in hydrogenation.

4 marks question

15. Explain the manufacturing process of oil.
16. Draw process flow diagram for hydrogenation of oil
17. Explain cleansing action of soap.
18. Explain manufacture of soap.
19. Differentiate between soap and detergent.

Chapter 3 Paint, Varnishes and Lacquers (08 marks)

2 marks question

20. List raw materials used for paint.
21. Define hiding power of paint.

22. Write function of vehicle in paint.

4 marks question

23. Draw block diagram of paint.

24. Write functions of any four constituents of paint.

25. Differentiate between paint and varnish.