

- Q.30 Discuss various types of records to be maintained for man and machine in process house.

Q.31 Write a note on Role of pollution board.

Q.32 What characteristics of the effluent are considered before discharging from process house?

Q.33 Discuss any two methods of effluent treatment.

Q.34 Discuss any two methods of disposal of dye house waste.

Q.35 Write a short note on process planning and process sheet.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Write the reasons for necessity of material planning also explain types of production

Q.37 Describe the various characteristics of the effluent generated from process house with their effect on environment and state their tolerance limit enforced by state pollution boards.

Q.38 Describe in detail the various measures for fire and accident prevention in a process house

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**6th Sem / Text. Proc, Text. Chem.
Subject:- Process House Management / Pro. H P & Org**

Time : 3Hrs. M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Shift officer is responsible for _____ in a process house
a) Marketing b) Production
c) Transportation d) None of these

Q.2 Exhaust fans are used in process house for _____
a) Lightening b) Ventilation
c) Disposal d) None of these

Q.3 In ETP, E stands for _____
a) Electricity b) Effluent
c) energy d) None of these

Q.4 We need _____ in process house.
a) ventilation b) lightening
c) A & B d) all of them

Q.5 In case of any fire incident in plant we can use _____
a) Fire extinguisher b) Water
c) caustic d) None of these

- Q.6 Types of plant lay out is/are
a) Process b) combination
c) product d) All of these
- Q.7 We must avoid _____ in a process house.
a) accidents b) ventilation
c) lightening d) None of these
- Q.8 Process, product and combinations are the types of _____
a) Maintenance b) Plant Layout
c) Administrative d) None of these
- Q.9 Banned dye/ chemicals contain _____ group.
a) Azo b) Chloro
c) A & B d) None of these
- Q.10 _____ water is not beneficial in process house
a) Hard b) Soft
c) A & B d) None of these

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

- Q.11 Define process sheet.
- Q.12 _____ dyes are obtained from nature.
- Q.13 What do you mean by continuous production system?

- Q.14 Define COD.
Q.15 Define Cost.
Q.16 What do you mean by direct and indirect cost?
Q.17 Define inventory control.
Q.18 What do you mean by hardness of water?
Q.19 Define red listed dyes.
Q.20 Define type of layout.

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$
- Q.21 Discuss the concept of plant layout.
- Q.22 Discuss the recovery of chemicals from waste water
- Q.23 Write down the objective & importance of maintenance
- Q.24 What are the advantages of process control?
- Q.25 Discuss the methods of minimising accidents in Process house.
- Q.26 Write a note on importance on the need of suitable lightning system in a plant?
- Q.27 Discuss about the need of inventory control.
- Q.28 Write down various method of minimizing water consumption
- Q.29 Write down role of shift supervisor