

- Q.33 Discuss any two methods of effluent treatment.
Q.34 Discuss any two methods of disposal of dye house waste.
Q.35 Discuss the job production system.

SECTION-D

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

- Q.36 What do you mean by steam and water consumption. Describe various methods of minimizing their consumption?
Q.37 Discuss the objectives and importance of maintenance and also describe the various types of maintenance procedure with their advantages.
Q.38 Write short note on followings:
a) Reutilization of water
b) Recovery of chemicals from waste water

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**6th Sem / Branch : Textile Processing, Text. Chem.
Sub.: Process House Management. Pro. HP & Org.**

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 Fabric coming from looms is _____
a) Bleached fabric b) Finished fabric
c) Grey fabric d) None of these
Q.2 Chemical oxygen demand is expressed as
a) COD b) BOD
c) CRP d) None of these
Q.3 Pollutants from a process house are treated in _____
a) ETP b) Starch
c) BOD d) None of these
Q.4 Example of natural dye is _____
a) Direct b) Turmeric
c) Reactive d) All of them
Q.5 We can recover caustic for reuse by _____
a) CRP b) ETP
c) BOD 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 _____ has affinity for vat dyes.
 a) Cotton b) Nylon
 c) Polyester d) None of these
- Q.9 Banned dyes/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. (10x1=10)

- Q.11 Define natural dyes.
- Q.12 What is need of lightening?
- Q.13 Define Eco-friendly textiles?
- Q.14 How recovery of chemicals from waste water is important.
- Q.15 What is purpose of pollution board?
- Q.16 Define ETP.
- Q.17 What is the objective of shift in charge?

- Q.18 Name few sources of chemical accidents.
- Q.19 Name four material handling equipments used in textile industry.
- Q.20 Define inventory control.

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Discuss about the need of inventory control.
- Q.22 Write down various method of minimizing water consumption.
- Q.23 Write down duties & responsibilities of shift supervisor.
- Q.24 Write down the importance of material handling.
- Q.25 Write down various factory affecting plant layout.
- Q.26 What is the significance of process control in chemical processing?
- Q.27 What are the objective of the maintenance?
- Q.28 Discuss the factor affecting the plant layout.
- Q.29 What precautions should be taken for handling dyes & chemicals.
- Q.30 Discuss various types of records to be maintained for man and machine in process house.
- Q.31 Write a note on Elements of Cost.
- Q.32 What characteristics of the effluent are considered before discharging from process house?