

in a process house

- Q.30 Write benefits of suitable lightening system in industry
- Q.31 Write and explain briefly different Elements of cost.
- Q.32 Write methods of disposal of waste water in process house.
- Q.33 Write importance of Material Handling.
- Q.34 Write Tolerance limits enforced by pollution control board
- Q.35 What is Recovery of chemical from waste water?  
Explain briefly

#### **SECTION-D**

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

- Q.36 What is concept of Plant layout? Explain different types of plant layout with suitable examples.
- Q.37 Describe functioning of an Effluent Treatment Plant with diagram.
- Q.38 What are objectives of maintenance? Explain different types of maintenance.

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Roll No. ....

**6th Sem / Branch : Textile Processing, Text. Chem.**

**Subject:- 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 Which factors are important for plant layout of a dye house.  
a) Labour    b) Fuel & Power  
c) Water    d) All of above
- Q.2 Fire accidents mainly occurs in  
a) Desizing                                         b) Gas singeing  
c) Scouring                                         d) Bleaching
- Q.3 B stands for what in B.O.D  
a) Body    b) Biochemical  
c) Biology    d) None of above
- Q.4 Possible Pollutants in waste water of mercerization is  
a) acetic acid                                        b) Caustic soda  
c) Hydrogen peroxide                                d) Sod chloride
- Q.5 Which of these are environment friendly  
a) Azo dyes                                         b) Disperse dyes  
c) Acid dyes    d) Natural dyes

- Q.6 Temperature of effluent water for disposal should be  
a) <45 degree      b) 45-60 degree  
c) >than 70 degree      d) 60-70 degree
- Q.7 Which deptt. Is responsible for placement and training of workers.  
a) Human Resource      b) Production  
c) Administrative      d) Marketing
- Q.8 Important material handling equipments used in dyeing house  
a) Hoist      b) Trolleys  
c) Fork lifters      d) All of above
- Q.9 Which department in process house is responsible for repair of machine  
a) Production      b) Laboratory  
c) Maintenance      d) Administrative
- Q.10 Good lightening arrangement in a process house increases.  
a) Accidents  
b) Cost  
c) Productivity  
d) Wastage.

### **SECTION-B**

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define Wet Processing treatments.  
Q.12 Define Composite Mill  
Q.13 Define Grey Fabric?

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- Q.14 Define Costing.  
Q.15 Define B.O.D  
Q.16 Define C.O.D  
Q.17 Define Maintenance  
Q.18 Define Ventilation.  
Q.19 Define banned dyes and chemicals?  
Q.20 Define Effluent.

### **SECTION-C**

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Name and briefly explain different types of production.  
Q.22 Write Importance and need of process planning.  
Q.23 Explain in brief record keeping regarding men, material & machine.  
Q.24 Write five responsibilities of shift incharge in a dye house  
Q.25 What is Material planning & allocation in a process house.  
Q.26 Write five factors affecting Plant Layout.  
Q.27 Write common sources of fire accidents in a process house.  
Q.28 Write briefly about concept of reutilization of water.  
Q.29 Explain methods of handling of Dyes and chemicals

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