

- Q.30 List various objectives following various check points/control parameters in a process house.
- Q.31 Write a note on sequential operations of Textile printing.
- Q.32 List various objectives of Process control in Printing.
- Q.33 Write the check points that should be taken care off while doing fibre dyeing.
- Q.34 List any 5 reasons of shade variations while dyeing fabric.
- Q.35 List various defects in Grey fabric inspection and stitching.

#### SECTION-D

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

- Q.36 Explain various control parameters for process and quality improvement of dyes fabric.
- Q.37 Explain control parameters and precautions for High pressure beam Dyeing machine
- Q.38 Write a short note on
- Parameters and precautions in sanforizing.
  - Control parameters in after treatments to printed goods

No. of Printed Pages : 4

182665/122665/032665

Roll No. ....

**6th Sem / Text. Proc, Text. Chem.**  
**Subject:- Process Quality Control in Textile**  
**Wet Processing**

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 Lapping, lint doctor are parts of \_\_\_\_\_ printing machine
- Roller
  - Rotary
  - Flat bed
  - None of these
- Q.2 \_\_\_\_\_ gives excellent overall fastness on printing Cellulosic Materials.
- Sulphur Dyes
  - Disperse Dyes
  - vat Dyes
  - Basic Dyes
- Q.3 \_\_\_\_\_ is/are the after treatments of Printing?
- Ageing
  - curing
  - steaming
  - All of these
- Q.4 Write down the formula of soda ash?
- $\text{Na}_2\text{CO}_3$
  - $\text{NaOH}$
  - $\text{NaCl}$
  - None of these
- Q.5 \_\_\_\_\_ is used in roller printing for removing lint/impurities from engraves roller?
- Mandrel
  - Lapping
  - lint doctor
  - colour doctor

- Q.6 \_\_\_\_\_ is an example of thickener  
 a) Starch                      b) CMC  
 c) Sodium alginate      d) all of these
- Q.7 Is the most preferred method of singeing  
 a) Plate singeing          b) Roller singeing  
 c) Gas Singeing          d) None of these
- Q.8 Give one example of natural Dye?  
 a) Reactive Dye          b) Henna  
 c) Remazol Dye          d) None of these
- Q.9 \_\_\_\_\_ is the last process in processing of cotton  
 a) Dyeing                      b) Printing  
 c) Bleaching                d) Finishing
- Q.10 \_\_\_\_\_ is removed in shearing & cropping.  
 a) Wax                        b) size  
 c) Hairy fibres              d) None of these

### SECTION-B

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

- Q.11 \_\_\_\_ temperature is maintained during hypochlorite bleaching of cotton?
- Q.12 \_\_\_\_ pH is maintained in hydrogen peroxide bleaching.(acidic/alkaline)
- Q.13 \_\_\_\_ temperature is maintained during High temperature method of polyester?
- Q.14 In padding mangle machine the Material is dyed in the form of \_\_\_\_\_ (Yarn/Fabric)
- Q.15 Loose hairy fibres are removed by \_\_\_\_\_ (Scouring /singeing)

(2) 182665/122665/032665

- Q.16 \_\_\_\_\_ is removed in the process of souring.
- Q.17 Combination of \_\_\_\_ dye is used to dye P/C blend?
- Q.18 \_\_\_\_ Method is not being used nowadays for Dyeing polyester in Textile industry? (HTHP / Carrier Dyeing)
- Q.19 We can control width of fabric in \_\_\_\_\_ (stenter / calendaring)
- Q.20 Define pH.

### SECTION-C

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

- Q.21 Write various control parameters to avoid shade variation in Jigger dyeing.
- Q.22 Write down the parameters in selecting dyes/chemicals for cloth dyeing.
- Q.23 Write the parameters and related necessary actions in scouring.
- Q.24 Write various control parameters for hank dyeing.
- Q.25 Write down the importance of PQC in processing industry.
- Q.26 Write a note on quality control parameters adopted to avoid shade variation in semi continuous dyeing.
- Q.27 List some control parameters and precautions taken during Calendering.
- Q.28 Write various control parameters for Padding mangle
- Q.29 Write the parameters and related necessary actions in singeing.

(3) 182665/122665/032665