

- Q.32 Classify various types of finishes.  
 Q.33 What is temporary stiffening.  
 Q.34 Write short note on chasing calender.  
 Q.35 What are advantages of reactive softeners.

### SECTION-D

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

- Q.36 Discuss the construction & working of sanforising machine.  
 Q.37 Write short note on following  
 a) Reactive softener  
 b) None-ionic softener  
 Q.38 Discuss in detail objects & methods of wash and wear finish.

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### 4th Sem / Textile Processing Subject : Technology of Finishing-I

**Time : 3 Hrs.**

**M.M. : 100**

### SECTION-A

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

- Q.1 How many types of damping machines are used?  
 a) 1 b) 2  
 c) 3 d) 4  
 Q.2 Starches are mainly used for \_\_\_\_?  
 a) Stiffness b) Brightness  
 c) Luster d) Softness  
 Q.3 The method used for making collar and cuffs is called?  
 a) Stiffening b) Mercerizing  
 c) Turbunising d) Sanforising  
 Q.4 In perchmentisation fabric is treated with  
 a) H<sub>2</sub>SO<sub>4</sub> b) HNO<sub>3</sub>  
 c) HCL d) HCOOH  
 Q.5 How many types of softeners are used?  
 a) 1 b) 2  
 c) 3 d) 4

- Q.6 Which of the following softener react with fiber?  
 a) Anionic                      b) Cationic  
 c) Non-Ionic                      d) Reactive
- Q.7 Number of bowls used in friction calender are?  
 a) 7                                      b) 10  
 c) 3                                      d) 5
- Q.8 Which of the following is not a drying machine?  
 a) Stenter                      b) Jigger  
 c) Drum Dryer                      d) Festoon Dryer
- Q.9 Gidding process is used for finishing of \_\_\_\_\_?  
 a) Cotton                      b) Polyester  
 c) Wool                      d) Nylon
- Q.10 In which machine fabric passed several times through all the nips.  
 a) Ordinary calender  
 b) Friction calender  
 c) Chassing calender  
 d) Embossing Calender

#### SECTION-B

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

- Q.11 Name one cross-linking agent.  
 Q.12 What is softening.

- Q.13 Name one softener.  
 Q.14 Name one stiffener.  
 Q.15 Name one part of friction calendering.  
 Q.16 Name one softening agent.  
 Q.17 Name one stiffening agent.  
 Q.18 Name the chemical used in back filling.  
 Q.19 Name one drying machine.  
 Q.20 Name one weighting chemical.

#### SECTION-C

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

- Q.21 Write short note on continuous creping.  
 Q.22 Discuss card wire raising machine.  
 Q.23 Write note on temporary stiffening.  
 Q.24 Discuss various ingredient used in stiff finish.  
 Q.25 discuss the uses of poly vinyl acetate.  
 Q.26 What are objects of calendering.  
 Q.27 Discuss in brief about glazing.  
 Q.28 What is beetling.  
 Q.29 Write short note on shearing.  
 Q.30 Discuss book fold method of creping.  
 Q.31 Explain the purpose of damping machine.