

- Q.23 What is the purpose of using a hydro extractor in textile finishing?
- Q.24 Discuss the uses of poly vinyl acetate.
- Q.25 Write short note on shearing.
- Q.26 Discuss the working of a drum dryer in the textile industry.
- Q.27 Discuss various ingredients used in stiff finish.
- Q.28 Explain the role of softeners in textile finishing.
- Q.29 Describe the purpose of a zero-zero finish.
- Q.30 Discuss the brief about glazing.
- Q.31 Explain the function of a stenter machine in the drying process.
- Q.32 What is the purpose of rot and mildew-proof finishes in textiles?
- Q.33 Describe the various methods of producing crepe effects.
- Q.34 Compare stenter drying & cylinder dyring machine.
- Q.35 How beetling effect can be given to fabrics.

#### **SECTION-D**

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

- Q.36 Explain the working of the cylinder drying machine with the help of a suitable diagram.
- Q.37 Explain the working of friction calendering machine with the help of suitable diagram.
- Q.38 Discuss the various textural processes used in textile finishing, including raising, glazing, moireing and beetling with their effects on fabric.

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**4th Sem.**  
**Branch : Text. Proc. Text. Chem.**  
**Sub.: Technology of Finishing-I**

Time : 3 Hrs.                            M.M. : 100

#### **SECTION-A**

**Note: Multiple type Questions. All Questions are compulsory. (10x1=10)**

- Q.1 What is the primary purpose of beetling in textile finishing?  
 a) To create a soft texture  
 b) To add a shiny effect  
 c) To make fabric more lustrous and flatter  
 d) To provide water resistance
- Q.2 What type of finish is used to provide a wash and wear effect on fabric?  
 a) Stiff finish  
 b) Rot-proof finish  
 c) Wash and wear finish  
 d) Durable press finish
- Q.3 What machine is used for continuous drying of fabric in the textile industry?  
 a) Stenter machine  
 b) Drum dryer  
 c) Hydro extractor  
 d) Flat dryer

- Q.4 Which finish is applied to protect textiles from mildew and rot?  
 a) Durable press finish  
 b) Wash and wear finish  
 c) Crease resistance finish  
 d) Rot-proof finish
- Q.5 Which machine is commonly used for drying textiles after washing?  
 a) Sanforising machine  
 b) Festoon dryer  
 c) Scheriener calendaring machine  
 d) Hydro extractor
- Q.6 What is the main function of cireing in textile finishing?  
 a) To soften the fabric  
 b) To add a high-gloss finish  
 c) To increase the strength of the fabric  
 d) To make the fabric water resistant
- Q.7 What type of finish is used to create a crinkled or puckered effect on fabric?  
 a) Wash and wear finish  
 b) Crepe effect finish  
 c) Rot proof finish  
 d) Durable press finish
- Q.8 Which of the following is not a softening agent  
 a) Glycerin                  b) T.R.O.  
 c) Silicone emulsion        b) Phenol

- Q.9 Which of the following is a synthetic stiffener?  
 a) PVA                      b) Wheat starch  
 c) Potato starch            d) Maize starch
- Q.10 Which drying machine is used to remove excess water from textiles  
 a) Drum dryer              b) Hydro extractor  
 c) Festoon dryer            d) Stenter machine

### SECTION-B

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

- Q.11 Suggest one raising machine.  
 Q.12 Name one softening agent.  
 Q.13 What is meant by “Wash and wear” finish?  
 Q.14 Define the term “Moireing” in textile finishing.  
 Q.15 What does the term “Sanforising” refer to?  
 Q.16 Name the chemical used in back filling.  
 Q.17 Name one drying machine.  
 Q.18 Name the metal used for making the calendaring machine.  
 Q.19 List two chemical finishes.  
 Q.20 Name one mechanical finish.

### SECTION-C

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

- Q.21 Write a short note on the brush damping machine.  
 Q.22 Describe the advantages of applying a wash and wear finish to fabrics.