

- Q.32 Write down finishes involved in Setting of wool.
 Q.33 What is the principle and method of applying wash and wear finish.
 Q.34 Write a note on Durable press Finish.
 Q.35 Discuss the crabbing process.

Section-D

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

- Q.36 Write short note on Flame retardant and Flame proof Finish.
 Q.37 Explain the purpose and working of shrinking unit in sanforizing machines with the help of a diagram.
 Q.38 Explain Rot proofing and mildew proofing finishes and its application of various types of fabric.

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Roll No.....

Branch : Textile Design
Subject : Textile Finishing

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 _____ agents give softness, handle and drape to fabric.
 a) Softening b) Fire proofing
 c) Levelling d) None of these
- Q.2 Pin stenter is used for _____ process
 a) Anti shrinking b) Fire proofing
 c) Calendaring d) Heat setting
- Q.3 DMDHEU is used to impart _____ on cotton
 a) Anti shrinking b) Fire proofing
 c) Calendaring d) Anti crease
- Q.4 Zero-Zero finish is given by _____ process
 a) Anti shrinking b) Fire proofing
 c) Calendaring d) Sanforizer
- Q.5 What type of finish is given on clothes of fire fighters?
 a) Anti shrinking b) Fire Retardant
 c) Calendaring d) None of these
- Q.6 If fabric allows air but prevents water to pass through itself then finish is _____.

- a) Anti shrinking b) Fire proofing
c) Calendaring d) Water repellent
- Q.7 Heat setting process is done on _____ machine
a) Calender b) Sanforizer
c) Stenter d) None of these
- Q.8 _____ process is used to impart whiteness on cotton material?
a) Bleaching b) Scouring
c) Calendering d) None of these
- Q.9 To get rid of soiling problem in fabric we impart _____ finish.
a) Anti shrinking b) Fire proofing
c) Calendering d) Soil release
- Q.10 Name the fabric that require crease resistance?
a) Cotton b) Polyester
c) Jute d) None of these

Section B

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

- Q.11 What is Desizing?
- Q.12 Mercerization is a _____ process (optional/compulsory).
- Q.13 What is sueding?
- Q.14 Name the machine used for the Heat setting treatment.
- Q.15 What is Heatsetting process?
- Q.16 Write example of anti bacterial finishes.

- Q.17 What are effluents?
- Q.18 Define soil-release finish.
- Q.19 What is the need of ETP?
- Q.20 What are examples of Durable finish?

Section-C

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

- Q.21 Differentiate between Temporary and permanent finish.
- Q.22 Differentiate between Universal & friction calendaring machine.
- Q.23 Write a short note on heat setting and machinery used in this process.
- Q.24 Write down the mechanism involved in giving soil release finish.
- Q.25 Write down the mechanism of imparting Anti crease finish.
- Q.26 Write down is mechanism of imparting water proof finishes?
- Q.27 Classify different type of finishes with the help of chart and suitable examples?
- Q.28 Write down the objectives and Types of calendaring process?
- Q.29 Write short note on water repellent finishes.
- Q.30 Explain working of an effluent treatment plant for cotton textile industry?
- Q.31 What is basic principle and mechanism involved in Soil Release finish?