

- 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. $(2 \times 10 = 20)$

- 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.

No. of Printed Pages : 4

Roll No.....

182562/122562

**Branch : Textile Design
Subject : Textile Finishing**

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory. $(10 \times 1 = 10)$

- 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) Calendering d) Heat setting
- Q.3 DMDHEU is used to impart _____ on cotton
 a) Anti shrinking b) Fire proofing
 c) Calendering d) Anti crease
- Q.4 Zero-Zero finish is given by _____ process
 a) Anti shrinking b) Fire proofing
 c) Calendering d) Sanforizer
- Q.5 What type of finish is given on clothes of fir fighters?
 a) Anti shrinking b) Fire Retardant
 c) Calendering 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) Calendering 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 impact _____ 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. $(10 \times 1 = 10)$

- 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. $(12 \times 5 = 60)$
- Q.21 Differentiate between Temporary and permanent finish.
- Q.22 Differentiate between Universal & friction calendering 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 calendering 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?