

- Q.30 What is the significance of LOI value ?
 - Q.31 What is basic principle of mechanism involved in Soil Release finish ?
 - Q.32 Write down finishes involved in Setting of wool.
 - Q.33 What are process variable of London shrinkage method.
 - Q.34 Differentiate between the thermoplastic resin and thermosetting resins.
 - Q.35 What are different types of special calendaring treatments

SECTION-D

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

- Q.36 Write a short note on

 - a) Acid and alkaline milling of wool
 - b) Working of rotary and paper press

Q.37 Explain the purpose and working of shrinking unit in sanforizing machines with the help of diagram.

Q.38 Explain finishing routine of organdie fabric with objectives of each process.

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Roll No.

5th Sem./ Branch : Textile Processing, Text. Chem. Subject:- Technology of Finishing-2

Time : 3Hrs. M.M. : 100

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SECTION-A

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

- Q.1 is a process of non felting of wool
a) Decatizing b) Milling
c) Chlorination d) None of these

Q.2 finish block both water and air to pass through the treated fabric
a) Water Proof b) Water Repellent
c) Soil Proof d) None of these

Q.3 Rot/Mildew proofing finishes are..... finish
a) Mechanical b) Chemical
c) Both A & B d) None of these

Q.4 Accumulation of soil and dust particles is known as finish
a) Soil release b) Antistatic
c) Antipilling d) None of these

Q.5 Zero-Zero finish is to overcome problem of in cotton material ?

- a) Creasing b) Shrinkage
 - c) Sublimation d) None of these
- Q.6 If fabric allows air but prevents water to pass through itself than finish is.....
- a) Anti shrinking b) Fire proofing
 - c) Calendering d) Water repellent
- Q.7 Hear sitting process is done on..... machine
- a) Calender b) Sanforizer
 - c) Stenter d) None of these
- Q.8 Moth proofing finishes is..... finish
- a) Mechanical b) Chemical
 - c) Both A & B d) None of these
- Q.9 In calendaring higher speed of top bowl results in higher gloss in material
- a) Chasing b) Friction
 - c) Swizzing d) None of these
- Q.10 Crabbing is a setting process of..... material
- a) Cotton b) Woollen
 - c) Silk d) None of these

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

- Q.11 Define beetling
- Q.12 Define Moiring.
- Q.13 What is stentering

- Q.14 Name the machine used for the Heat setting treatment
- Q.15 What is embossing
- Q.16 Define fulling.
- Q.17 What is the objectives of Mercerization.
- Q.18 What is tentering.
- Q.19 What is the objectives of potting.
- Q.20 What are examples of resins used in finishing process.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$

- Q.21 Discuss about the delustering of rayon.
- Q.22 Write a short note on loop transfer technique.
- Q.23 Write a short note on crabbing & fulling process.
- Q.24 Writer down the mechanism of impart antistatic 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 a chart and suitable examples ?
- Q.28 Write down the objectives and Types of calendaring process ?
- Q.29 Write Short note on water repellent finishes ?