

No. of Printed Pages : 4

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Roll No. ....

3rd Sem.

Branch : Textile Processing

Sub.: Technology of Finishing-I

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note: Multiple type Questions. All Questions are compulsory. (6x1=6)**

Q.1 Which machine improves the luster of fabric?

- a) Calender                      b) Cylinder
- c) Dryer                         d) Cutter

Q.2 Which machine is used for applying the zero-zero finish?

- a) Drum dryer                b) Hydro extractor
- c) Sanforising Machine     d) Stenter machine

Q.3 Which of the following are stiffening agents?

- a) Starch                        b) NaCl
- c) NaOH                        d) H<sub>2</sub>O

Q.4 What effect does beeting create on textiles?

- a) Smooth surface            b) Lustrous sheen
- c) Matte finish                d) Water resistant coating

Q.5 Which of the following is a drying machine?

- a) J-Box                                      b) Stenter
- c) Kier                                        d) Damper

Q.6 Stenter works on the principle of \_\_\_\_\_?

- a) Conduction                                b) Convection
- c) Radiation                                   d) None of these

### SECTION-B

**Note: Objective/Completion type questions. All questions are compulsory. (6x1=6)**

Q.7 What is the purpose of raising in textile finishing?

Q.8 What is the purpose of calendaring in textile finishing?

Q.9 Define "Glazing" in textile finishing.

Q.10 Name a softener type used in textile processing.

Q.11 Which chemicals are used in the backfilling process?

Q.12 The term over feed is related to which machine?

### SECTION-C

**Note: Short answer type Questions. Attempt any eight questions out of ten Questions. (8x4=32)**

Q.13 What is the difference between wash and wear and durable press finishes?

Q.14 Explain the process of beetling and its effects on fabric.

Q.15 Discuss the importance of crease resistance finishes.

Q.16 What is the main objective of durable press finishing?

Q.17 Explain the process of felting in textile finishing?

Q.18 Discuss about continuous creping?

Q.19 Discuss in brief about shearing process?

Q.20 Compare stenter drying & cylinder drying machine?

Q.21 Write a note on cylinder drying?

Q.22 Explain heat setting process?

### SECTION-D

**Note: Long answer questions. Attempt any two questions out of three Questions. (2x8=16)**

Q.23 Discuss the construction & working of zero-zero finishing machine.

Q.24 Explain the different types of semi-permanent and permanent finishes used in textiles and their applications.

Q.25 Discuss the principle, construction and working of different drying machines used in textile processing.