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Roll No.

222634

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_2O
- Q.4 What effect does beetling 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?
- J-Box
 - Stenter
 - Kier
 - Damper
- Q.6 Stenter works on the principle of _____?
- Conduction
 - Convection
 - Radiation
 - None of these

SECTION-B

Note: Objective/Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

- 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. $(8 \times 4 = 32)$

- 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. $(2 \times 8 = 16)$

- 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.