

3rd Sem.
Branch : Textile Technology
Sub.: Textile Printing & Finishing

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 The process of controlled application of single color or multicolor on a fabric is known as:
- a) Dyeing
 - b) Bleaching
 - c) Singing
 - d) Printing
- Q.2 Which of these is not a style of printing?
- a) Direct
 - b) Discharge
 - c) Stencil
 - d) Resist
- Q.3 Which process comes after printing the fabric on digital textile printing?
- a) Scouring
 - b) Calendering
 - c) Bleaching
 - d) Dye fixation
- Q.4 Which finish comes in the category of aesthetic finishes?
- a) Moth proof
 - b) Mercerization
 - c) Durable Press
 - d) Soil proof

- Q.5 Which process is mechanical finishing?
a) Softener b) Antimicrobial
c) Raising d) Flame retardant
- Q.6 Paraffin wax is used in which type of finished fabric?
a) Water repellent b) Moth proof
c) Anti creasing d) Waterproof

SECTION-B

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

- Q.7 Name the common ingredients used in printing process.
- Q.8 What is the function of thickener in printing?
- Q.9 What is the function of dye stuff in printing?
- Q.10 Name various finishes based up on finishing techniques.
- Q.11 What is the principle of calendaring?
- Q.12 Name one chemical which is used in anti microbial finishes.

SECTION-C

Note: Short answer type Questions. Attempt any eight questions out of ten Questions. $(8 \times 4 = 32)$

- Q.13 Mention any four difference between dyeing and printing.

- Q.14 What is the function of oxidizing and reducing agents in printing?
- Q.15 Write a short note on digital textile printing.
- Q.16 Name various processes which are carried out after printing the textile goods.
- Q.17 What are the advantages of hydro extractor?
- Q.18 Write a short note on IR dryer.
- Q.19 Describe the process of Decatizing.
- Q.20 Give purpose and uses of sueding finished fabrics.
- Q.21 Explain the principle of water proof finish.
- Q.22 Give advantages and disadvantages of anti-creasing finish.

SECTION-D

Note: Long answer questions. Attempt any two questions out of three Questions. $(2 \times 8 = 16)$

- Q.23 Explain the various styles of printing of textiles.
- Q.24 Describe the process of rotary printing in detail.
- Q.25 Show the passage of material through a calendering machine and describe it's working.