

Q.22 What are the common uses of jute, linen, and spandex fabrics?

SECTION-D

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

Q.23 Explain the step-by-step processing of knit fabrics in both tubular and open-width form. Highlight the key differences and precautions.

Q.24 Describe the construction and working of a soft flow dyeing machine. Mention its advantages in dyeing delicate knitted goods.

Q.25 What are the common defects in terry towel manufacturing? Discuss causes and remedies for at least two defects.

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6th Sem / Textile Processing

Subject : Knit & Other Fabric Processing

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 The horizontal row of loops in knit fabric is called

- a) Wales
- b) Courses
- c) Ribs
- d) Purl

Q.2 Which of the following is a basic weft knit fabrics?

- a) Tricot
- b) Raschel
- c) Single Jersey
- d) Milanese

Q.3 Pretreatment of knitted fabric should be milder than woven fabric because:

- a) Knits are more absorbent
- b) Knits are stronger
- c) Knits are more open and delicate in structure
- d) Knits are more tightly packed

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- Q.4 In soft flow dyeing machine, fabric movement is based on:
- fabric movement
 - liquor with fabric circulation
 - Pad-roll mech
 - Conveyor belt movement
- Q.5 Which mechanical finish creates a soft and hairy surface on the knit fabric?
- Shearing
 - Compacting
 - Raising
 - Calendering
- Q.6 Terry towels are manufactured using which type of weaving?
- Plain weave
 - Pile weave
 - Twill weave
 - Satin weave

SECTION-B

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

- Q.7 Name any one defect of terry towel fabric?
- Q.8 Name any dye used to dye jute?
- Q.9 Give any one mechanical finish for knitted?
- Q.10 The loops in a terry towel are known as _____

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- Q.11 The most important property of terry towel is _____
- Q.12 Jigger dyeing machine is commonly used for dyeing knit fabrics _____ (True/False)

SECTION-C

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

- Q.13 Define warp knitting and weft knitting with one example each
- Q.14 Describe any two differences between winch and soft flow dyeing machines.
- Q.15 Define compacting. What is its importance in knits?
- Q.16 What is shearing and how does it improve fabric quality?
- Q.17 Mention two advantages and two disadvantages of winch dyeing.
- Q.18 What are the essential properties of a good terry towel fabrics.
- Q.19 Explain any two common defects found in terry towel fabrics.
- Q.20 Name any four fibers suitable for carpet manufacturing and mention one property of each
- Q.21 What are the essential properties of a good carpet fabric?

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