

- Q.18 How does warp knitting differ from weft knitting?
- Q.19 What is the basic principle of resist style of printing?
- Q.20 What are printing defects? List any two common printing defects.
- Q.21 What is dyeing? Differentiate between yarn dyeing and piece dyeing.
- Q.22 Draw the labelled diagram of Beard needle.

#### **SECTION-D**

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)
- Q.23 What is the importance of textile finishing? Explain different types of finishes based on their purpose and permanence.
- Q.24 Discuss the structure, advantages and common uses of weft-knitted fabrics. How do they differ from warp-knitted fabrics in terms of elasticity and unraveling.
- Q.25 Explain the tie and dye method. What are its key features and cultural significance in textile art?

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#### **1st Year / Fashion Technology**

#### **Subject:- Textile Science**

Time : 3Hrs. M.M. : 60

#### **SECTION-A**

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

- Q.1 Desizing is primarily done to remove
- a) Natural wax
  - b) Dirt and dust
  - c) Sizing agents
  - d) Dyes
- Q.2 Mercerization Improves:
- a) Elasticity
  - b) Color fading
  - c) Luster and dye update
  - d) Wrinkle resistance
- Q.3 In warp knitting, loops are formed:
- a) Horizontally
  - b) Randomly
  - c) Diagonally
  - d) Vertically

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- Q.4 Dyeing is the process of:
- Printing patterns on fabric
  - Removing color from fabric
  - Applying color uniformly to textiles
  - Bleaching the fabric
- Q.5 In direct printing, color is:
- Removed from the fabric
  - Applied directly to specific areas
  - Applied as an overall shade
  - Used for bleaching
- Q.6 In screen printing, the design is applied using:
- |                  |                    |
|------------------|--------------------|
| a) A sponge      | b) A carved stone  |
| c) A mesh screen | d) A stencil sheet |

## SECTION-B

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

- Q.7 The two main types of knitting are \_\_\_\_\_ knitting and \_\_\_\_\_ knitting.

- Q.8 \_\_\_\_\_ is done to whiten or lighten the natural color of the cotton fabric.
- Q.9 In \_\_\_\_\_ dyeing, fibers are dyed before spinning into yarn.
- Q.10 Knitting involves the interlacing of yarns to create fabric. True/False
- Q.11 Yarn dyeing takes place before the fabric is woven or knitted. True/False
- Q.12 Weaving defects include issues like broken picks, floats, and slub. True/False

## SECTION-C

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

- Q.13 What is yarn dyeing, and when is it done?
- Q.14 What is batik printing? What materials are used in batik printing?
- Q.15 What is printing of textiles? Write types of printing?
- Q.16 What is bleaching? What is the purpose of bleaching in finishing?
- Q.17 What does a wash-n-wear finish do?