

Q.24 Explain the principle of formation of three pick and four pick terry pile fabrics with neat and clean diagram.

Q.25 Explain in detail the principle of formation of warp pile fabrics with the help of wire with well illustrated diagram.

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**3rd Sem / Textile Design**  
**Subject : Structural Fabric Design - II**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

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

Q.1 The tip of pile remains uncut to produce a  
a) Looped pile fabric b) Cut pile fabric  
c) Leno fabric d) None

Q.2 In a terry pile loom minimum number of beams required are  
a) Two b) Three  
c) Four d) None

Q.3 Face-to-face principle of pile fabric construction is used to produce  
a) Weft pile fabric b) Warp pile fabric  
c) Gauze fabric d) None

Q.4 Different cross section of wires are used to increase or decrease the height of

## **SECTION-B**

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

- Q.7 Define tapestry structure.
- Q.8 Dobby/jacquard is the example of shedding device.  
(True/False)
- Q.9 Define the term doup.
- Q.10 Write the use of harness in jacquard loom.
- Q.11 Name the types of pile fabrics.
- Q.12 Tell any one desired property of towel fabrics.

## **SECTION-C**

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

Q.13 Define the term Brocade and also explain types of brocade.

Q.14 What do you understand by casting-out in jacquard?

Q.15 Explain the construction of squared paper design.

Q.16 Define the term sett of harness. Explain in brief.

Q.17 What do you understand by harness and design calculations. Explain.

Q.18 Differentiate between warp pile and weft pile fabrics.

Q.19 Discuss the methods of terry ornamentation in brief.

Q.20 Discuss the construction principle of Gauze fabrics.

Q.21 Explain the construction of velveteen with suitable weave design.

Q.22 Discuss the principle of formation of alternate pile ends over alternate wires.

## **SECTION-D**

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

Q.23 Explain the principle of construction of gauze and leno structures with the help of suitable weave designs.