

- Q.30 Differentiate between warp pile and weft, pile fabrics.  
 Q.31 Discuss in brief terry ornamentation.  
 Q.32 Discuss the drafting designs from woven fabrics.  
 Q.33 Give the classification of terry pile structures.  
 Q.34 Tell the difference between single sided and double sided terry pile structures.  
 Q.35 Explain the types of harness tying.

#### SECTION-D

**Note: Long answer questions. Attempt any two questions out of three Questions. (2x10=20)**

- Q.36 What are the salient features of Positive warp pile fabrics? With the help of suitable motif and neat sketches, explain the pile formation of warp pile fabrics with the aid of wires.  
 Q.37 What are the characteristic of warp pile fabrics on face to face principle? With the help of suitable diagrams, explain the pile formation of warp pile fabrics on face to face principle?  
 Q.38 Explain the principle of formation of three pick and four pick terry pile fabrics with neat and clean diagram.

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**4th Sem.**

**Branch : Text. Desgn.**

**Sub.: Structural Fabric Design –III/Struct. Fab. Des. –IV**

Time : 3 Hrs.

M.M. : 100

#### SECTION-A

**Note: Multiple type Questions. All Questions are compulsory. (10x1=10)**

- Q.1 Warp pile produced with the help of wire is also known as  
 a) Positive warp pile  
 b) Positive weft pile  
 c) Negative warp pile  
 d) None of the above
- Q.2 Velvet fabric is a type of  
 a) Weft pile b) Warp pile  
 c) Cut pile d) None of the above
- Q.3 The terry pile fabrics are \_\_\_\_\_ pile fabrics  
 a) Weft pile b) Warp pile  
 c) Cut pile d) None of the above
- Q.4 How many warp beams are used in a terry loom?  
 a) One b) Two  
 c) Three d) None of the above

- Q.5 In warp pile fabrics produced on the face to face principle, \_\_\_\_\_ are formed.
- a) Cut pile                                      b) Loppe of the above
- Q.6 Harness cord is made from which of the following fiber
- a) Cotton yarn                                      b) Nylon
- c) Polyester                                      d) None of the above
- Q.7 After how many picks the fast beat up is done in a four pick terry?
- a) One    b) Two
- c) Three    d) None of the above
- Q.8 To produce the pile a wire is inserted across the
- a) Length of warp                                      b) Width of warp
- c) Bottom of the warp                                      d) None of the above
- Q.9 The tip of pile is cut to produce a
- a) Looped pile                                      b) Reversible pile
- c) Cut pile    d) None of the above
- Q.10 How many series of weft threads are used in a warp pile fabric?
- a) One    b) Two
- c) Three    d) Four

#### SECTION-B

**Note: Objective type questions. All questions are compulsory. (10x1=10)**

- Q.11 Define warp pile fabrics.
- Q.12 Tell one use of terry pile fabric.

- Q.13 When the loops are produced on both sides of the fabric, it is called as double sided terry pile structure. (True/False)
- Q.14 Tell the function of wire in terry pile fabric formation.
- Q.15 Tell one advantage of face to face pile formation principle.
- Q.16 Define tufted pile fabrics.
- Q.17 Tapestry can be used for wall hanging purpose. (True/False)
- Q.18 Tell any one type of tapestry.
- Q.19 Define sett of harness.
- Q.20 What is the use of squared paper in designing.

#### SECTION-C

**Note: Short answer type Questions. Attempt any twelve questions out of fifteen Questions. (12x5=60)**

- Q.21 Explain the casting out in jacquards.
- Q.22 Explain the construction of squared paper design.
- Q.23 With the help of sectional diagram, Explain the formation of loop pile.
- Q.24 Explain two weft tapestry structure with the help of design.
- Q.25 Discuss the methods of construction of 3-pick terry pile.
- Q.26 Discuss the principle of construction of warp pile produced with the aid of wire.
- Q.27 Construct the design of one sided five pick terry.
- Q.28 Explain the various methods of composing jacquard designs.
- Q.29 Discuss the moquettes with suitable design.