

- Q.26 Describe the process of drafting a sketch design with diagram.
- Q.27 How will you produce a design on squared paper? Discuss.
- Q.28 Write a brief introduction of terry pile fabrics.
- Q.29 Write any four methods of terry ornamentation.
- Q.30 Write the conditions to be observed while designing figured fabrics.
- Q.31 Describe the process of development of figure in design.
- Q.32 Write a short note on the history of tapestry fabrics.
- Q.33 Describe alternate pile over alternate wire pile fabric with diagram.
- Q.34 Explain the method of designing figure from woven fabric sample.
- Q.35 Write the disadvantages of warp pile produced with the help of wire.

#### **Section-D**

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

- Q.36 Discuss the construction and working principle of face-to-face warp pile fabrics with an illustrated diagram.
- Q.37 Discuss the principle of formation of 3-pick and 4-pick terry pile fabric structure with the help of neat and clean diagram.
- Q.38 What do you understand by jacquard designing. Explain various method of composing jacquard designs.

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**4th Sem. / Branch : Textile Design.  
Subject : 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 Which of the following fiber is preferred for manufacturing of towels.
- Cotton
  - Nylon
  - Polyester
  - None
- Q.2 The fabrics in which loops are created on the surface are known as
- Warp Pile
  - Weft Pile
  - Cut Pile
  - None
- Q.3 For the production of warp pile fabrics minimum \_\_\_\_\_ series of warp are required
- Two
  - Three
  - Four
  - None
- Q.4 Harness cords are used to control the warp yarns in
- Dobby
  - Jacquard
  - Tappet
  - None

- Q.5 In 3 pick & 4 pick terry pile fabrics loops are produced on the principle of  
 a) Face-to-Face principle  
 b) With the help of wire  
 c) False beat-up  
 d) None
- Q.6 Which of the following is type of harness tying  
 a) London system      b) Norwich System  
 c) Both A & B      d) None
- Q.7 IN warp pile fabric construction two warp beams are used one for ground warp and the other for  
 a) Pile warp      b) Stitching warp  
 c) Both A & B      d) None
- Q.8 In face-to-face principle of warp pile fabric method \_\_\_\_\_ fabrics are produced simultaneously.  
 a) Two      b) Three  
 c) Four      d) None
- Q.9 In terry pile fabrics if we \_\_\_\_\_ the gap the height of the loop will increase  
 a) Decrease      b) Increase  
 c) Cut      d) None
- Q.10 Harness is used as an importance part in a \_\_\_\_\_ loom.  
 a) Dobby      b) Jacquard  
 c) Tappet      d) None

### Section-B

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 Tell any one use of weft pile fabrics.
- Q.12 Minimum one series of warp yarns are used for warp pile fabrics. (True/False)
- Q.13 Tell one method of terry ornamentation.
- Q.14 Dobby is a shedding device. (True/False)
- Q.15 Define Casting-out in jacquard.
- Q.16 Comber board is a part of jacquard device. (True/False)
- Q.17 Towel is an example of \_\_\_\_\_ pile fabric.
- Q.18 In warp pile with aid of wire fabrics \_\_\_\_\_ is used to produce piles.
- Q.19 Name the types of warp pile fabrics.
- Q.20 Fabric having loops on both sides is called as \_\_\_\_\_.

### Section-C

- Note:** Short answer type Question. Attempt any twelve questions out of fifteen Questions. (12x5=60)
- Q.21 Draw the classification chart of pile fabrics.
- Q.22 Write any five properties of towel fabrics.
- Q.23 Describe the method of construction of tapestry structure.
- Q.24 Discuss the importance of sett of harness while designing.
- Q.25 What do you understand by casting-out in jacquard? Explain with the help of a suitable example.