

- Q.29 Describe woven fabric structure with suitable examples.
- Q.30 Construct pointed twill weave with draft and lifting plan.
- Q.31 Draw 3/3 and 4/4 matt rib weave with draft and peg plan.
- Q.32 Define woven fabric structure and knitted fabric structure.
- Q.33 Write any five features of warp rib weave.
- Q.34 Draw 2/1 twill, 2/2 twill and 3/2 twill weave with draft and peg plan.
- Q.35 Describe broken draft with neat and clean diagram.

#### SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain different types of fabric structures using suitable diagram and example of each type of structure.
- Q.37 Define drafting plan. Explain various types of draft with diagram of each.
- Q.38 Define twill weave and discuss derivatives of twill weave with neat and clean diagram.

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#### 1st Sem. Branch: Textile Design Sub : Structural Fabric Design-I

Time : 3Hrs.

M.M. : 100

#### SECTION-A

**Note:** Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Passing the warp yarns through the eye of heald frame is known as  
a) Lifting Plan                      b) Drafting Plan  
c) Drawing - in                      d) Design
- Q.2 The yarns parallel to the selvedge of fabric are called as  
a) Selvedge yarn                      b) Weft yarn  
c) Warp Yarn                          d) None
- Q.3 The smallest repeat of plain weave can be constructed in  
a) 1x1                                      b) 2x1  
c) 2x2                                      d) 3x3
- Q.4 Bonded fabrics are produced by joining two layers of \_\_\_\_\_.  
a) Fiber                                      b) Fabric  
c) Yarn                                        d) None

- Q.5 Matt rib weave is a derivative of  
 a) Satin weave                      b) Plain weave  
 c) Twill weave                      d) Sateen weave
- Q.6 When the plain weave is extended in weft direction it produces a  
 a) Matt rib                              b) Warp rib  
 c) Weft rib                              d) None
- Q.7 The process of passing warp yarns through the reed is  
 a) Denting                              b) Drafting  
 c) Spinning                              d) None
- Q.8 Number of warp yarns per inch is also known as  
 a) PPI                                      b) EPI  
 c) WPI                                      d) CPI
- Q.9 Sateen weave is a \_\_\_\_\_ face weave  
 a) Weft                                      b) Warp  
 c) Balanced                              d) None
- Q.10 Non-woven fabrics are produced by the joining of two  
 a) Fibers                                      b) Fabrics  
 c) Yarns                                      d) None

### SECTION-B

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

- Q.11 Tell any one feature of warp rib weave.
- Q.12 \_\_\_\_\_ is used to produce the woven fabric.
- Q.13 Warp rib is the weave in which plain weave is extended in \_\_\_\_\_ direction.
- Q.14 Write one use of knitted fabric.

- Q.15 Name one derivative of plain weave.
- Q.16 Define non-woven fabric.
- Q.17 T-Shirt, Socks are example of \_\_\_\_\_ fabric.
- Q.18 Weaving is the process of \_\_\_\_\_ of warp and weft yarn.
- Q.19 Define bonded fabric structure.
- Q.20 Loops of yarn are produced in \_\_\_\_\_ process.

### SECTION-C

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

- Q.21 Briefly explain the derivatives of plain weave.
- Q.22 Draw herringbone twill weave with draft and lifting plan.
- Q.23 Describe the relation between design, draft and lifting plan.
- Q.24 What are the features of satin weave.
- Q.25 Describe straight and skip draft with neat and clean diagram.
- Q.26 Differentiate between embroidery and crochet work.
- Q.27 Draw 3/3 warp rib and 3/3 weft rib with draft and peg plan.
- Q.28 What are the characteristics of plain weave.