

Q.30 Construct a 3 up 3 down warp rib with draft and peg-plan.

Q.31 Construct a 2 up 2 down matt weave with draft and peg-plan.

Q.32 Construct an irregular wrap rib.

### SECTION-D

**Note:** Long answer type questions. Attempt any three questions out of four questions. 3x10=30

Q.33 Explain the types of draft in detail.

Q.34 Construct 3up 2 down 3up 4 down and 2 up 2 down combined twill with draft and peg plan.

Q.35 Explain the ornamentation of plain weave.

Q.36 Write note on

a) Pointed twills.

b) Broken twills.

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(4)

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No. of Printed Pages : 4

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**1st Sem. / Trade: Textile Design**

**Subject : Structural Fabric Design-I**

Time : 3 Hrs.

M.M. : 100

### SECTION-A

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

Q.1 Weaving is \_\_\_\_\_ between warp and weft.

Q.2 Knitting is \_\_\_\_\_ of loop of yarn.

Q.3 What is the meaning of crochet?

Q.4 Threads parallel to selvages in a fabric are known as \_\_\_\_\_ threads.

Q.5 Define an end.

Q.6 Define weft.

Q.7 Transverse threads in a woven fabric are known as \_\_\_\_\_ threads.

Q.8 In how many warp threads and weft threads a

(1)

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repeat of  $\frac{2}{4}t$  will can be constructed?

- Q.9 In a 10x16 repeat of a design the number of warp and weft threads will be.
- Q.10 A plain weave can be woven by using a minimum number of \_\_\_\_\_ heald shafts.

### SECTION-B

**Note:** Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

- Q.11 Define EPI and PPI.
- Q.12 Define denting order.
- Q.13 What is needle work?
- Q.14 Define reed?
- Q.15 What is a heald shaft?
- Q.16 What is drawing-in?
- Q.17 Define peg plan.
- Q.18 Define design.

(2)

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Q.19 What is warp face weave?

Q.20 What is a balanced weave?

Q.21 What are the uses of twill weave?

Q.22 What is embroidery work?

### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

- Q.23 Compare woven and knitted structures.
- Q.24 Construct a plain weave on an 8x8 graph with draft and peg-plan.
- Q.25 What is weft rib? Construct a weft rib.
- Q.26 Explain the features of plain weave.
- Q.27 Construct  $\frac{1}{3}t$  will with draft and peg-plan.
- Q.28 Construct a combined twill.
- Q.29 Construct a 2 up 2 down weft rib with draft and peg-plan.

(3)

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