

No. of Printed Pages : 4
Roll No.

182514

1st Year / Textile Design

Subject : Structural Fabric Design - I

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 The fabric which is produced from looping of yarn is called as
- a) Woven fabric b) Knitted fabric
 - c) Non-woven d) Bonded fabric
- Q.2 The number of Heald shafts to be lifted or left down is determined by
- a) Repeat Size b) Drafting plan
 - c) Lifting Plan d) None
- Q.3 Pointed draft is used for the
- a) Plain weave b) Broken Twill weave
 - c) Satin Weave d) Diamond Weave
- Q.4 1 up 1 down is the minimum repeat size of
- a) Twill Weave b) Plain Weave
 - c) Satin weave d) Diamond

- Q.5 When the floats of warp are more than the float of weft it is a
- a) Balanced weave b) Weft face weave
c) Warp Face weave d) None of these
- Q.6 To produce 5-end satin weave minimum heald frame required are
- a) 4 b) 5
c) 6 d) 7

SECTION-B

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

- Q.7 List any one feature of sateen weave.
- Q.8 Tell repeat size of twill weave.
- Q.9 Define Draft.
- Q.10 Tell any one use of Matt weave.
- Q.11 List any two features of diaper weaves.
- Q.12 Define Design.

SECTION-C

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

- Q.13 Draw design, draft & lifting plan of Huck-a-back weave on a repeat of 10x10.

- Q.14 Discuss the distorted thread effect.
- Q.15 List any four features of bedford cord weave.
- Q.16 List four characteristics of sateen weave.
- Q.17 Tell any four features of sponge weave.
- Q.18 Draw design draft & peg plan of diamond weave on a repeat of 12x12.
- Q.19 Draw any one wadded Bedford cord weave design.
- Q.20 List any four features of twill weave.
- Q.21 Construct 5-end satin and satin weave with draft and peg plan.
- Q.22 Construct any one S-twill and Z-twill twill weave.

SECTION-D

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

- Q.23 Draw ordinary and brighton honeycomb weave designs along with draft & peg plan.
- Q.24 Explain the principle of construction of welt & pique with the help of weave design.
- Q.25 Explain the principle of construction of warp & weft backed fabric with the help of weave design