

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. $(6 \times 1 = 6)$

- 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. $(8 \times 4 = 32)$

- 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. $(2 \times 8 = 16)$
- 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