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Roll No.

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**2nd Sem / Text. Tech.
Subject : Fabric Structure**

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Voile is an example of
a) Plain weave b) twill weave
c) Satin d) Diamond
- Q.2 Repeat size of 5/2 warp rib is?
a) 2x7 b) 4x2
c) 7x2 d) 2x5
- Q.3 Machine used for weaving is called as.
a) Tappet b) Dobby
c) Jacquard d) Loom
- Q.4 Fabric that gives least shining.
a) Plain b) Twill
c) Satin d) Spot figuring

Q.5 Give repeat size of 4/3 weft rib.

- a) 6x6
- b) 2x7
- c) 7x2
- d) 3x6

Q.6 Gabardine fabric is an example of.

- a) Plain weave
- b) twill weave
- c) Satin
- d) Diamond

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

Q.7 Repeat size of 5/2 Twill weave is _____

Q.8 Loom is used for making _____ (fabric/yarn)

Q.9 Hopsack fabric is derivative of _____ weave.

Q.10 Minimum repeat size of satin weave is _____.

Q.11 Satin is the _____ basic weave.

Q.12 _____ lines effect is produced in diamond weave.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

Q.13 Draw design, draft and peg plan of 4/2 herringbone Twill weave.

Q.14 Give ornamentation and extension of plain weave.

Q.15 Draw 3/2 broken Twill weave.

Q.16 Define repeat size, draft and lifting plan.

Q.17 Draw 4/4 Herring bone twill weave.

Q.18 Draw 4/1 1/4 fancy basket weave.

Q.19 Write down the Characteristics and end uses of Ordinary and Brighton honey comb weave.

Q.20 Write down end uses and characteristics of welt and pique weave.

Q.21 Explain blanket and sponge cloth with examples.

Q.22 Write down the salient features of cambric and gabardine fabrics.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. $(2 \times 8 = 16)$

Q.23 Draw 8-End regular and irregular Sateen. Also differentiate between satin and sateen weave.

Q.24 Explain with diagram (16x16) Honeycomb weave and Twill faced bed ford cord weave.

Q.25 Draw half and full transpose twill weave.