

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

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

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

- Q.1 The number of heald shafts to be used in a loom is shown by.
- |             |            |
|-------------|------------|
| a) Peg plan | b) Draft   |
| c) Let off  | d) Take up |
- Q.2 Repeat size of 3/2 Twill weave is?
- |        |        |
|--------|--------|
| a) 3x2 | b) 5x3 |
| c) 3x5 | d) 5x5 |
- Q.3 Repeat size of 2/4 weft rib is?
- |        |        |
|--------|--------|
| a) 2x4 | b) 4x2 |
| c) 6x6 | d) 6x2 |
- Q.4 Which of the following is not a basic weave.
- |                |          |
|----------------|----------|
| a) Satin       | b) Twill |
| c) Huck-e-buck | d) Plain |

Q.5 Name weave that produce diagonal effects.

- a) Satin
- b) Bed ford cord
- c) Plain
- d) Twill

Q.6 Give repeat size of 3/3 Pointed twill.

- a) 6x6
- b) 12x6
- c) 6x12
- d) 3x3

### SECTION-B

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

Q.7 Satin/Sateen weave produces \_\_\_\_\_ effect.

Q.8 Minimum repeat size of Twill weave is \_\_\_\_\_.

Q.9 Horizontal extension of plain weave is called \_\_\_\_\_.

Q.10 \_\_\_\_\_ weave gives most firm fabric.

Q.11 Give repeat size of 3/3 Hopsack weave.

Q.12 Minimum repeat size of regular sateen weave is \_\_\_\_\_.

### SECTION-C

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

Q.13 Draw 3/3 transpose Twill weave.

(2)

222722

Q.14 Draw 2/2 – 3/1 Basket weave.

Q.15 Explain the different types of weave representation methods.

Q.16 Explain the pointed and straight draft.

Q.17 What is peg plan and draft.

Q.18 Draw 8 end regular satin weave along with draft and peg plan.

Q.19 Draw 12x12 Dipeer weave along with draft.

Q.20 Draw 3/3 pointed twill weave.

Q.21 Draw 12x12 Brightened honey comb weave.

Q.22 Draw 10x10 honey comb weave.

### SECTION-D

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

Q.23 Draw the Huck – e - buck and mock leno woven design.

Q.24 Explain the welt and pique structure.

Q.25 Draw the derivatives of Plain weave.

(3)

222722