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222523

**2nd Sem / 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 Minimum repeat size of Plain weave is

- a) 2x2                                      b) 3x3
- c) 4x4                                      d) 1x1

Q.2 The number of heald frames required to produce a weave design is determined by

- a) Repeat Size                              b) Weave design
- c) Lifting Plan                              d) Drafting plan

Q.3 Hopsack weave is a derivative of \_\_\_\_\_

- a) Plain weave                              b) Twill weave
- c) Mockleno weave                      d) Diaper Weave

Q.4 2 up 1 down is the minimum repeat size of

- a) Twill Weave                              b) Plain Weave
- c) Satin weave                              d) Diamond

- Q.5 Straight draft is used for the
- a) Plain weave                      b) Twill weave
  - c) Satin Weave                      d) Diamond Weave
- Q.6 When the floats of warp and weft are equal is a
- a) Balanced weave                      b) Weft Face Weave
  - c) Warp Face Weave                      d) None of these

### SECTION-B

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

- Q.7 Define pique structure
- Q.8 Tell any one feature of satin weave
- Q.9 Define EPI & PPI
- Q.10 Name any two type of twill weave
- Q.11 Define bedford cord.
- Q.12 Tell any two characteristics of ordinary honeycomb weave.

### SECTION-C

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

- Q.13 Construct a 10x10 diamond weave design.
- Q.14 Write definition of draft, peg plan and denting order.

- Q.15 List any four characteristics of backed fabrics.
- Q.16 Write any four characteristics of crepe weave.
- Q.17 Discuss the distorted thread effect?
- Q.18 Draw combined twill weave in warp and weft way.
- Q.19 Tell any four features of sponge weave.
- Q.20 Construct diaper weave.
- Q.21 List any four features of welt and piques.
- Q.22 Construct 5-end satin and sateen weave with draft and peg plan.

### SECTION-D

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

- Q.23 Write features of ordinary and brighton honeycomb weave. Also draw its weave design drafting plan & peg plan.
- Q.24 Explain types of twill weave with design, draft and peg plan. Explain each in brief.
- Q.25 What do you understand by backed fabric. What is the difference between warp and weft backed fabrics explain by the help of example?