

Q.22 What are the basic characteristics of a twill weave?

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

Q.23 What do you understand by double cloth. Explain the classification of double cloth in detail.

Q.24 Define drafting plan and also explain the types of drafting plan with neat and clean diagram.

Q.25 What are backed fabrics? Explain the types of backed fabric structures in detail.

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Subject : Structural Fabric Design - I

M.M. : 60

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

Q.1 The smallest repeat of a regular sateen weave can be produced on

- a) 3x3 b) 4x4
c) 5x5 d) None

Q.2 The process of passing the warp yarn through the heald frame is known as

- a) Weaving b) Drawing-in
c) Knitting d) Lifting

Q.3 Plain weave can be produced on a minimum repeat size of

- a) 2×2 b) 3×3
c) 3×2 d) 4×4

- Q.4 Warp rib, weft rib and matt weave are the derivatives of
- a) Twill weave b) Plain Weave
- c) Satin weave d) Diamond weave
- Q.5 When the diagonal line runs from lower left to upper right in a twill fabric then it is a
- a) Left hand twill b) Right hand twill
- c) Diamond twill d) None
- Q.6 The fabric which is produced by joining two or more layers of fibers is known as
- a) Woven fabric b) Bonded fabric
- c) Non-woven fabric d) None of the above

SECTION-B

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

- Q.7 Tell any one derivative of twill weave.
- Q.8 The order of interlacement in a plain weave is_____.
- Q.9 Pointed draft is used to produce _____weave.
- Q.10 Woven fabrics are more stretchable than the knitted fabrics. (True/ False)

- Q.11 Tell any one feature of double cloth.
- Q.12 Write any two uses of double cloth.

SECTION-C

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

- Q.13 Draw design, draft and peg plan of a simple honeycomb weave.
- Q.14 Explain the derivatives of plain weave with weave design.
- Q.15 Draw the design, draft and peg plan for 5-end satin and sateenweave.
- Q.16 Construct the design, draft and peg plan for a mockleno weave on repeat size of 8x8.
- Q.17 List any four features of satin and sateen weaves.
- Q.18 Draw a diamond weave on a repeat size of 10x10 with its drafting and lifting plan.
- Q.19 List any four features of center stitch double cloth.
- Q.20 Explain the construction of self stitched double cloth with weave design.