

22464

22223

3 Hours / 70 Marks

Seat No.

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- Instructions* – (1) All Questions are *Compulsory*.
(2) Answer each next main Question on a new page.
(3) Illustrate your answers with neat sketches wherever necessary.
(4) Figures to the right indicate full marks.
(5) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

- 1. Attempt any FIVE of the following: **10****
- a) Draw the interlacement diagram for 2 up 2 down twill interlacement order.
 - b) Express the interlacement diagram for regular 2 up 2 down warp rib weave.
 - c) State the features of unbalanced twill weave with an example.
 - d) State the difference between satin and sateen weave.
 - e) Describe the concept of colour and weave effect.
 - f) Construct the design for 6×6 mock leno structure. State its characteristics.
 - g) Give the classification for construction methods of crepe weave.

P.T.O.

- 2. Attempt any THREE of the following:** **12**
- a) State the concept of design, draft, denting order and lifting plan with example.
 - b) Draw the design, draft peg plan and denting order for 3 up 2 down warp rib weave.
 - c) Draw the design, draft and peg plan for $\frac{2}{2}$ pointed twill weave.
 - d) Describe the steps to find move number for constructing satin weave with example.
- 3. Attempt any THREE of the following:** **12**
- a) Distinguish between warp rib and weft rib with examples.
 - b) Express the design, draft and peg plan for 2/1 right hand twill weave.
 - c) Construct design, draft and peg plan for 8 end satin weave.
 - d) Describe and draw the continuous line effect by selecting suitable weave and colour patterns in warp and weft.
- 4. Attempt any THREE of the following:** **12**
- a) Draw the design for following weave
 - i) Matt weave 3/3
 - ii) Weft rib 3/2 in repeat of 10×4 .
 - b) Draw the following twill weave designs
 - i) $\frac{2.3}{1.2}$ right hand twill weave.
 - ii) $\frac{2}{2}$ herring bone weave.
 - c) Draw the thread interlacement diagram for 4 end satin weave.
 - d) Construct Hound's tooth pattern on $16 \text{ end} \times 16 \text{ picks}$.
 - e) Distinguish between brighten honey comb and ordinary honey comb weave.

5. Attempt any TWO of the following:**12**

- a) Describe the steps to construct the irregular satin / sateen weave on paper.
- b) Explain the Bird's eye effect by selecting suitable weave and colour pattern's in warp and weft-directions.
- c) Construct the 16×16 brighten hoeny comb weave on point papers. State its characteristics.

6. Attempt any TWO of the following:**12**

- a)
 - i) List various draft used in weaving.
 - ii) Express with figure the concept of weave repeat.
 - b) Construct the colour effect on 2/2 twill weave (repeat size 16×16) by taking following W thread colour pattern
Warp colour pattern : 2 red, 2 black
Weft colour pattern : 2 black, 2 red
 - c) Draw the design, draft, peg plan and denting order for 10×10 mock leno weave. State characteristics of this weave.
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