

313348

12526

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 answer with neat sketches wherever necessary.
(4) Figures to the right indicate full marks.
(5) Assume suitable data, if necessary.
(6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.
(7) Use of point paper is permitted.

Marks

- 1. Attempt any FIVE of the following: **10****
- a) State the concept of draft.
 - b) Enlist the derivatives of plain weave.
 - c) Draw the design of 2/1 twill weave.
 - d) Distinguish between balanced and unbalanced twill weave.
 - e) Draw the design of $\frac{3}{2}$ right handed twill weave.
 - f) Draw the design of four end sateen weave.
 - g) Distinguish between satin and sateen weave.

P.T.O.

- 2. Attempt any THREE of the following: 12**
- a) Describe the method of represent the fabric on point paper.
 - b) State the feature of plain weave.
 - c) Draw the design, draft and peg plan for 2×2 matt weave.
 - d) Develop the design, draft, peg plan for 3 up 2 down twill weave.
- 3. Attempt any THREE of the following: 12**
- a) Enlist the types of draft and give the one example for each.
 - b) Construct the 2 up 2 down warp rib weave in the repeat size of (2×4) .
 - c) Distinguish between the warp rib and weft rib.
 - d) State the concept of twill angle.
- 4. Attempt any THREE of the following: 12**
- a) Describe the relationship between draft, peg plan and design with example.
 - b) Construct the 3 up and 2 down weft rib in repeat size of $5 \text{ end} \times 4 \text{ picks}$.
 - c) Draw the design, draft and peg plan for 2 up 2 down pointed twill weave.
 - d) State the concept of move number and find the move no. for 8, 7, 9, 10 and satin weave.
 - e) Develop the 6 end satin weave on design paper.
- 5. Attempt any TWO of the following: 12**
- a) Explain the concept of transposed twill weave with example.
 - b) Draw the design, draft and peg plan for 7 end satin weave.
 - c) Draw the interlacement diagram for 4 end and 5 end satin weave.

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Marks

6. Attempt any TWO of the following:

12

- a) Draw the design, draft and peg plan for 6×6 mock leno structure.
 - b) Develop the huck-a-back structure on ten picks.
 - c) Develop the ordinary honey comb weave with repeat size of 8×8 .
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