

313348

24225

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.

Marks

1. Solve any FIVE from the following :

10

- (a) State various methods to represent the fabric on paper.
- (b) Draw the 2×2 warp rib weave on design paper.
- (c) State the factors of twill weave and mark the 2/1 twill weave.
- (d) Develop the 2/2 twill weave on point paper.
- (e) Develop the 4-end satin weave on point paper.
- (f) Draw the interlacement diagram for 4-end satin weave.
- (g) Mark the 8-end sateen weave.

2. Solve any THREE from the following :

12

- (a) Enlist the various types of drafts with Schematic diagram.
- (b) Distinguish between the warp rib and weft rib with example.
- (c) Distinguish between the balanced and unbalanced twill weave.
- (d) Give the detail classification of colour and weave effect.



- 3. Solve any THREE from the following : 12**
- (a) State the concept of draft with example.
 - (b) Develop the design, draft and peg plan for $2/2$ weft rib weave.
 - (c) Mark the design, draft and peg plan for $3/2$ twill weave.
 - (d) State the concept of move number and state the rules for finding it.
- 4. Solve any THREE from the following : 12**
- (a) State the concept of lifting plan with example.
 - (b) Enlist the features of plain weave and also express the plain weave on paper.
 - (c) Give the detailed classification of twill weave.
 - (d) Distinguish between the regular and irregular satin weave.
 - (e) Develop the huck-a-back structure on eighteen picks.
- 5. Solve any TWO from the following : 12**
- (a) Develop the design, draft and peg plan for 4×4 matt weave in repeat size of 8×8 .
 - (b) Develop the design for $2/2$ pointed twill weave in repeat of 8×8 .
 - (c) Mark the design for 12-end satin weave and also fix the draft and peg-plan for the same.
- 6. Solve any TWO from the following : 12**
- (a) Distinguish between the ordinary honey comb and brighton honey comb weaves.
 - (b) Develop the design, draft, peg plan for 10×10 mock leno structure.
 - (c) Develop the huck-a-back structure on ten picks and also fix the draft & peg plan.
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