

17348

21314

3 Hours / 100 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) Assume suitable data, if necessary.
(6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Answer any TEN of the following :

20

- Write attributes of warp.
- State the concept of interlacement.
- Enlist fabric quality parameters.
- Write any four names of draft.
- What is weave ?
- Enlist derivatives of plain weave.
- Write the names of any four standard plain woven fabric.
- State the concept of warp faced twill.
- Write any four names of weaves constructed on twill bases.
- What is satin ?

P.T.O.

- k) Write any four names of simple colour and weave effect.
- l) Write any four names of fancy fabric structure.

2. Answer any FOUR of the following : **16**

- a) Write the characteristic feature of plain woven fabric.
- b) Draw the interlacing diagram of plain weave for 4×4 .
- c) Define weave repeat with example.
- d) Draw the design and draft of hopsack weave.
- e) Show the pointed draft with suitable weave.
- f) Explain the relation between design, draft and lifting plan.

3. Answer any FOUR of the following : **16**

- a) Draw the design of plain weave and show cross-sectional view for 8 ends and 8 picks.
- b) Write classification of basic twills.
- c) Write the characteristic feature of twill woven fabric.
- d) Mark the design and draft of pointed twill on 5 heald shafts.
- e) Draw design, draft and lifting plan of an unbalanced weft faced twill on 8 ends and 8 picks.
- f) Mark the design of transposed twill on 12 heald shafts.

4. Answer any FOUR of the following : **16**

- a) Mark the design of 6 end satin. Show draft and lifting plan.
- b) Mark the design, draft and lifting plan for 8 end regular satin.
- c) Explain the development of irregular sateen weave.
- d) Show hairline effect on point paper.
- e) Write the classification of colour and weave effect.
- f) Mark the design of crepe weave on 8 end sateen base.

5. Answer any TWO of the following : 16

- a) State the concept of colour and weave effect. Show step pattern effect on point paper.
- b) Write the characteristic features of crepe fabric. Mark the design of crepe weave based on combination of floating weave on plain threads.
- c) What are huck-a-backs ? Write the application of weave. Mark the design of reversible huck-a-back.

6. Answer any TWO of the following : 16

- a) Mark the design of mock-leno on 10×10 show draft, denting order and lifting plan.
 - b) Develop the design of honey-comb structure having equal warp and weft floats. Show draft, denting order and lifting plan.
 - c) State the concept of distorted thread effect. Write types of the same, Draw the design of distorted warp effect.
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