



17348

11819

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.*
 - (7) *Use design paper for drawing the design.*

Marks

1. Attempt **any five** of the following :

20

- a) List types of drafts used in weaving.
- b) Define the following terms :
 - i) Weave
 - ii) Denting Order.
- c) Draw the interlacing diagram of Plain weave.
- d) Write the derivatives of Plain weave.
- e) State the characteristic features of Twill weave.
- f) Develop the design of 6 end irregular satin.
- g) List the types of simple colour and weave effect.

2. Attempt **any four** of the following :

16

- a) List various fabric quality parameters and state its significance.
- b) Represent pointed draft with suitable example.
- c) Draw the design suitable for skip draft. Show draft also.
- d) Define the following terms :
 - i) Draft
 - ii) Lifting plan.
- e) Write the quality particulars of Poplin and Chiffon.
- f) Draw the design of irregular mat weave.

3. Answer **any four** of the following :

16

- a) Mark the design of plain weave on 8×8 . Show draft, lifting plan and denting order.
- b) Mark the design of regular weft rib weave. Show draft, denting order and lifting plan.
- c) Classify basic twills.

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- d) Develop the design of pointed twill on 6 heads.
e) Mark the design of 2/3 herring bone twill on 10×10.
f) Develop the design of transposed twill weave.
4. Answer **any four** of the following : 16
- a) State the concept of relative firmness of twill weave.
b) Write the characteristic features of Satin/Sateen fabric.
c) Compare Satin with Sateen-Woven fabric.
d) Mark the design of 9 end Satin weave.
e) State the concept of colour and weave effect.
f) Classify colour and weave effects.
5. Answer **any two** of the following : 16
- a) Show the following colour and weave effects.
 i) Vertical Hairline effect
 ii) Step pattern.
b) i) Construct the crepe weave on Sateen base.
 ii) Mark the design of honey-comb structure having equal warp and weft floats.
c) Mark the design of huck-a-back structure. Show draft, denting order and lifting plan.
6. Answer **any two** of the following : 16
- a) Develop the design of Mock-leno structure with missing dents. Show draft, denting order and lifting plan.
b) Draw the design of Brighton honey-comb structure.
c) State the concept of distorted thread effects. Write the types of distorted thread effects.
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