



17338

15116

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) *Assume suitable data, if necessary.*
 - (5) *Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.*

Marks

1. Answer **any ten** of the following :

20

- a) Define “Line’ and “Shape”.
- b) Name the principles of “Textile Design”.
- c) What are the attributes of Primary and Secondary Colours ?
- d) Define “Colour” and its sensation process.
- e) What is “achromatic” colour harmony ?
- f) Give the application of Dominance and sub-ordination.
- g) Explain simple colour and weave effects.
- h) List the Indian Brocades and Shawls in the history of Indian textiles (any 4).
- i) Name any 4 softwares used for textile design.
- j) Explain the influence of fabric characteristics on appearance of colour with any one example.
- k) What are the specific objectives of “Textile designs” ?
 - l) What is the significance of Fibre mixture yarns and Twist yarn mixtures ?
 - m) What are the objectives of weave and colour on the appearance and ornamentation of fabrics ?
 - n) What are all-over designs ?

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

16

- a) Explain the concept of “Texture” and its applications.
- b) Explain the technical concepts of “Repetition” and “Alteration”.
- c) Explain the development of high key, mid key and low key.
- d) Describe the concept, need and requirement of “Analogues colour harmony”.
- e) Distinguish between pigment theory and light theory of colour with reference to primary and secondary colours.
- f) Write the meaning and significance of neutralization of colour.

P.T.O.



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

16

- a) Explain the concept of “Size”. Also explain the various types of sizes.
- b) Describe the importance and features of formal and informal balance.
- c) Describe the concept of colour modification and also its need and requirements.
- d) Explain the combination of different colour threads in stripes and check fabrics.
- e) Describe in detail the significance of “Indian embroidery”.
- f) State the effects that can be created with complementary colours.

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

16

- a) Explain “Hound’s tooth effect” and “Continuous line effect”.
- b) Explain any 4 types of Indian dyed and printed fabrics.
- c) Explain “Half drop design” and “Full drop design”.
- d) Explain the features of “Mixed colour effects”.
- e) Explain the concept of “Contrast” with reference to Hue, Colour and Value.
- f) In size 4”×4”, develop a geometric design and colour it in monochromatic colour scheme.

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

16

- a) Compare regular and irregular satin-based textile design.
- b) Describe the concept and application of “Pigment theory of colour”.
- c) Show the diagrammatic representation of the following textile design.
 - i) Ogee basic design
 - ii) Rectangular drop reverse design.
- d) Describe the concept development of “Unity”.
- e) Describe “Birds i effect” and “Hair line effect”.
- f) Write in brief about the textile designs prevailing in the Indus Valley Civilization.

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

16

- a) Explain the various computer aided printed textile designs.
 - b) Sketch the following textile designs :
 - i) Diamond base design
 - ii) Satin base design.
 - c) Explain the concept and need of “Polychromatic Colour Harmony”.
 - d) Describe Gradation with reference to shape, size and colour.
 - e) Describe the various textile patterns developed with the use of CAD software.
 - f) What is alternation ? Explain alternation in size and colour.
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