



# 17338

**11718**

**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.*

**Marks**

**1. Attempt any ten :**

**20**

- a) Define line. List down different types of line.
- b) What is texture ?
- c) Explain the concept of balance in textile designs.
- d) List down various primary and secondary colours.
- e) What is hue ?
- f) Describe the concept of colour modification.
- g) Draw hairline effect.
- h) List down various simple colour and weave effects.
- i) What are brocades ?
- j) What is half drop principle ?
- k) What is quarter drop principle ?
- l) List down various computer aided textile designing softwares you are aware of.

**2. Attempt any two :**

**16**

- a) List down various elements of art. Elaborate each one with the help of an example and/or drawing.
- b) Explain following principles of design with the help of a drawing :
  - i) Repeation
  - ii) Alternation.
- c) Describe light theory of colours. Draw chromatic circle and paint the different colours in it.

**P.T.O.**

**Marks**

- 3. Attempt any two :** **16**
- a) i) Explain the principle of gradation in textile designing.  
ii) What is contrast ? How it is used in textile designing ?
  - b) Explain Pigment theory of colour.
  - c) Explain in detail how different fabric characteristics can influence appearance of colour.
- 4. Attempt any two :** **16**
- a) State the need for colour modification. Elaborate with help of an example.
  - b) i) Construct a hound's tooth pattern.  
ii) Construct step pattern.
  - c) Write a detailed note on :  
i) Shawls of India ii) Indian Embroidery.
- 5. Attempt any two :** **16**
- a) Draw a design with a geometric motif in an ogee base on 8" × 8". Elaborate how half drop principle is applied to it.
  - b) Draw a design to be used for Bedsheet in which motif is arranged in Sateen base. Draw the design on 8" × 8". Explain advantages and disadvantages of Sateen system of distribution.
  - c) i) Explain the principle of 'balance' of textile design with the help of an example.  
ii) Explain the principle of 'Dominance and Sub-ordination' with the help of an example.
- 6. Attempt any two :** **16**
- a) Describe in detail 'Computer Aided Textile Designing' (CATD) with respect to following points :  
i) Need and requirement of software  
ii) Objectives  
iii) Scope  
iv) Enhancement of creativity  
v) Various modules  
vi) Comparison of CATD for woven designs and printed designs.
  - b) List down various colour harmonies you are aware of. State their importance. Explain each one of them.
  - c) i) What are complementary or after image of the following colours :  
1) Blue                      2) Green                      3) Red                      4) Yellow  
ii) Explain the principle of gradation by showing six gradation between Red and Yellow.
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