

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE-SEMESTER-III EXAMINATION –SUMMER 2015

Subject code: 132801

Date: 27/05/2015

Subject Name: Textile Design and Colour

Time: 02.30pm-05.00pm

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1 (a) List out the elements of an art. Briefly explain importance of line, shape, size and texture with suitable designs. **07**

(b) Explain Rhythm & Harmony with suitable Designs **07**

Q.2 (a) Explain with suitable designs decorative and geometric motif. **07**

(b) With help of suitable diagram, Explain diamond base and ogee base - design to compose all over textile design. **07**

OR

(b) Explain principles of textile design and importance of balance, movement and repetition with suitable examples. **07**

Q.3 (a) Discuss role of object and observer in perception of color with necessary plots. **07**

(b) Explain the role of illuminant in perception of colour with the help of necessary plots. **07**

OR

Q.3 (a) Discuss few key features of anatomy of eye related to color vision. **07**

(b) Explain with suitable examples, defects in color vision. **07**

Q.4 Explain in detail, colour mixing laws with suitable plots and examples. **14**

OR

Q.4 (a) Discuss complementary colours and Brewster's Theory. **07**

(b) Explain the terms: Simultaneous contrast and Metamerism, **07**

Q.5 (a) Explain (i) Color blindness (ii) Colour therapy **09**

(b) Discuss Judd experiment with its significance in colour technology. **05**

OR

Q.5 (a) With the help of suitable examples and diagrams, explain in detail, the production of color by absorption. **09**

(b) Write a note on Color Harmony. **05**
