

T97/BMG103/EE/20151127

Time : 3 Hours

Max. Marks : 80

Instructions for the students:

1. All questions are compulsory.
 2. Draw suitable diagrams and sketches wherever necessary.
 3. Assume suitable data if necessary.
 4. Figures to the right indicate full marks.
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1. Answer any eight of the following questions in about 25 to 30 words each. 16
 - a) Define a light.
 - b) Define brightness with suitable example.
 - c) Explain in detail colour?
 - d) Write a note on RGB color model.
 - e) Difference between CMY and HSV.
 - f) Explain the relationship between a figure and the ground in a visual presentation.
 - g) Explain in detail warm colors.
 - h) Write a short note on colour Blindness?
 - i) Write the good and bad aspects of the colour black.
 - j) What are two types of dominance?
 - k) What is harmony?
 - l) What are secondary colours? Give one example.

2. Answer any four of the following questions in about 40 to 45 words each. 12
 - a) Write a short note on colours of excitement.
 - b) Write a note on illusion.
 - c) Explain in detail monochromacy.
 - d) Explain any three items colour contrasts.
 - e) Explain colour context in brief.
 - f) Explain in brief, colour balance and chromatic colours.

3. Answer any four of the following questions in about 40 to 45 words each. 12
- Define chroma, intensity and value.
 - Explain the triadic colour schema.
 - Write a note on the orange color.
 - Explain rods and cones.
 - Difference between the RGB and CMYK color models.
 - Explain in detail, colour wheel.
4. Answer any two of the following questions in about 80 to 90 words each. 12
- Describe the illusions with suitable example in detail.
 - Explain in detail colour a painting versus colour in a room.
 - Write a short note on warm and cool colours.
5. Answer any two of the following questions in about 80 to 90 words each. 12
- Explain in detail on emotional response to colour.
 - Write a note on contrast of dominance and contrast of value.
 - Explain in detail contrast of saturation.
6. Answer any two of the following questions in about 100 to 120 words each. 16
- Explain in detail : (i) Yellow (ii) White (iii) Green (iv) Purple
 - Explain colour in photography versus colour in painting.
 - Explain the formulas for colour harmony.

