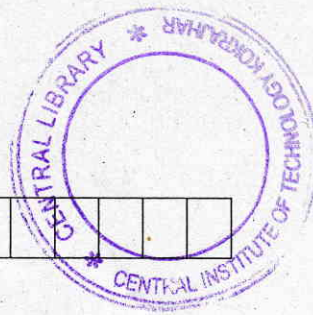Total No. of printed pages = 4

BMD 171301

Roll No. of candidate

2019

B.Des. 3rd Semester End-Term Examination

Multimedia Communication and Design

WORLD OF IMAGES AND OBJECTS

(New Regulation)

Full Marks – 70   Time – Three hours

The figures in the margin indicate full marks
for the questions.

Answer question No. 1 and any *four* from the rest.

1.   Select the correct answer :   (10 × 1 = 10)

    (i)   Reflection of an object by a mirror is called

        (a)   Virtual image

        (b)   Volatile image

        (c)   Digital image

        (d)   Raster image

    (ii)   A hologram is a ———————— dimensional image.

        (a)   One

        (b)   Two

        (c)   Three

        (d)   Four

[Turn over

(iii) Full form of TIFF

  (a) Tagged Image File Format
  (b) Tough Image Frame Format
  (c) Textured Image File Format
  (d) Tiled Image Fraction Format

(iv) SVG is an open standard created and developed by the World Wide Web Consortium. What is SVG?

  (a) Streaming Virtual Graphics
  (b) Scalable Vector Graphics
  (c) Standard Visual Graphics
  (d) Standard Virtual Gaming

(v) Raster graphics are represented by ——— grid of pixels.

  (a) Circular
  (b) Hexagonal
  (c) Triangular
  (d) Rectangular

(vi) According to colour psychology, the colour RED defines ——— while expressing personality or emotion.

  (a) War
  (b) Hate
  (c) Love
  (d) Smile

(vii) According to colour psychology, the colour YELLOW defines ——— while expressing politics.

  (a) Communism
  (b) Nationalism
  (c) Regionalism
  (d) Liberalism

(viii) Vector graphics is the use of ——— to ——— represent images in computer graphics.

  (a) Polygons
  (b) Colours
  (c) Circles
  (d) Pixels

(ix) Painting, sketch, illustrations are type of

  (a) Digital image
  (b) Volatile image
  (c) Non-digital image
  (d) Mental image

(x) Virtual reality is a type of

  (a) 2 dimensional image
  (b) 3 dimensional image
  (c) 1 dimensional image
  (d) 4 dimensional image

2. What do you mean by Image? What are the characteristics of images? Describe in detail.
   (5 + 10 = 15)

3. (a) Define Raster and Vector graphics.
   (b) Describe the applications of Raster and Vector graphics in different kind of design projects.
   (5 + 10 = 15)

4. (a) Expression of an image depends on many factors. List out at least five factors and discuss one of the factor in brief.

   (b) Also illustrate the following expressions with simple sketch in the form of emoji —

      (i) Shocked

      (ii) Happy

      (iii) Doubtful

      (iv) Flirting

      (v) Cheering.   (10+5=15)

5. In your mini project of 2D to 3D form transformation of objects. you have followed a process to complete the exercise. List out the steps that you followed while doing that. Also draw the initial view of the project with black pencil only.   (15)

6. Draw three geometric shapes and their similar shapes or objects found in nature. Quality of drawing will be the evaluation factor.   (5 × 3 = 15)

7. If you will be given a project to design a Wedding event for your best friend how do you plan it? Give your proposal with the following details :
   •   Colour scheme
   •   Stage design
   •   Wedding invitation card
   •   Dress design
   •   Lighting design.

   Your answer should contain illustrative explanation with descriptive details.   (15)

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