Term End Examination - June, 2019
Diploma in Multimedia & Animation (DMA)

Digital Imaging

Time - 3 Hours   **Full Marks -100**

*(Answer **All** the questions form Group-'A' , any **four** questions from Group -'B', any **four** questions from Group -'C' and any **two** questions from Group -'D')*

Group 'A'

Q. No. 1 *Answer all the questions, each within one or two sentences*   **Marks: 1 × 10=10**
  a) What is Pixel?
  b) What is aspect ratio?
  c) PNG
  d) What are the images used for multimedia?
  e) What is the use of layers in creating graphics?
  f) Name any two software used for digital composition.
  g) List any two vector graphic software.
  h) Mention any two formats to store a Bitmap graphics.
  i) What are complimentary colors?
  j) What is DPI?

Group 'B'

Q. No. 2 *Answer any four questions each within 100 words*   **Marks: 5 × 4= 20**
  a) Explain the process of colour adjustments in inkscape.
  b) Describe the usage of typography in Graphic Design.
  c) Discuss the use of Computer Graphics in designing.
  d) Distinguish between raster and vector graphics.
  e) Explain the rule of third with example.
  f) Morphing & cropping in image editing.

Group 'C'

Q. No. 3 *Answer any four questions, each within 200 words*   **Marks: 10 × 4= 40**
  a) Discuss the process for creating textures for 3D models.

  b) Elaborate in detail the various techniques of VFX.

  c) Describe the different types of file format and their uses.

  d) Identify the primary and secondary colors for Print medium.

  e) What is digital composting and what are the three different types of color channel?

  f) What is VFX? What are the advantages of using VFX?

Group 'D'

Q. No. 4 *Answer any two questions, each within 300 words*   **Marks: 15 × 2=30**
  a) What is 2D animation? Write the process of frame-by-frame animation.

  b) Discuss in detail about the interface, tools and features of the graphic software Krita.

  c) What are the elements of Graphic Design? Explain the significance of color in digital layout.