

Dr. Babasaheb Ambedkar Open University
Term End Examination July – 2026

Course	: DMA	Date	: 07/07/2026
Subject Code	: DMA-102	Time	: 11:30am to 01:45pm
Subject Name	: Digital Imaging	Duration	: 2.15 Hours
		Max. Marks	: 70

Section A

Answer the following (Attempt any three) (30)

1. List and explain different elements of a digital composition.
2. Explain Path Menu of Inkscape with all its options.
3. Which types of image color mode commonly used in digital graphics.
4. Write a short note on Color Harmony.
5. Discuss in details about Digital Compositing and Computer Generated Imagery.

Section B

Answer the following (Attempt any four) (20)

1. Define vector graphics. List and explain different properties of it.
2. Write a short note on optimizing digital images.
3. Narrate the Open EXR, or EXR file format in short.
4. Discuss the evolution of Broadcast Graphics.
5. Explain Selection Tools of Krita.
6. Define scanning explain in brief about scanning.

Section C

Part – A (Multiple Choice Questions) (10)

1. _____ specifies the prominent area of interest where the designer wants to pull more attention of the spectator.
A Contrast B Repetition
C Emphasis D Harmony
2. _____ color model is primarily used in printing technology.
A Subtractive Color Model B RGB
(CMYK)
C HSV D HSL
3. _____ file format can be optimized for Web.
A JPEG B PNG
C GIF D All of them
4. _____ composition technique emphasizes the subject by reducing empty space around it
A Leading lines B Filling the frame
C Rules of Odds and Even D Frame within a frame
5. _____ color is used to show Passion and Excitement which fill our mind with energy and confidence.
A Red B Yellow
C Orange D Blue

- 6 Measure Tool of Krita is used to Measure the _____.
 A Distance B Angle
 C Both A and B D Time
- 7 _____ is an open source Vector based software used for designing.
 A Krita B Inkscape
 C GIMP D Blender
- 8 _____ is a more established lossy compression file format particularly intended for photographic images.
 A JPG B PNG
 C BMP D GIF
- 9 GIMP supports _____ color mode for image.
 A RGB B Indexed
 C Greyscale D All of them
- 10 The technique where Selected colors in a video are replaced with an alternate background video is called _____.
 A Keying B Keying out
 C Key D All of them

Part – B (Do as Directed)

(10)

- 1 JPEG files store compressed images in a smaller size. True / False
- 2 Adding contrast enhances the visual appeal of a composition. True / False
- 3 Alpha Channel represents the degree of transparency of a color. True / False
- 4 Layer based Compositing is the mixing of images from two different sources. True / False
- 5 Framing is created to draw attention towards a particular subject. True / False
- 6 Typography is the art of presenting text in most appealing ways. True / False
- 7 Nodes are the Vertex point which is used to create a polygon or a shape. True / False
- 8 Gimp is an acronym for GNU Image Manipulation Program. True / False
- 9 A path is a multi-dimensional curve. True / False
- 10 Special effects are effects either created on the camera or by CGI. True / False
