

Term End Examination January– 2026

Date : 01/03/2026
Time : 11:30am to 01:45pm
Duration : 02.15 Hours
Max. Marks : 70

Section A

Answer the following (Attempt any three)

(30)

1. What is Graphic Design? Explain the various elements of Graphic Design in detail.
2. Define Digital Imaging. Describe the process of image acquisition and the various sources of digital images.
3. Discuss the "Rule of Thirds" in photography and explain how it helps in creating a balanced composition.
4. Explain the difference between RGB and CMYK color models. In which scenarios is each model preferred?
5. What is Krita? Discuss its primary features and explain the concept of "Layers" in digital painting.

Section B

Answer the following (Attempt any four)

(20)

1. Explain the importance of "Typography" as a principle of design.
2. What is "Resolution" in digital imaging? How does it affect the quality of a printed image?
3. Define "Shutter Speed" and explain its effect on capturing motion in a photograph.
4. Describe the "Clone Tool" and "Healing Brush" in image editing software.
5. What are "Vector Graphics"? List three advantages of using vector art over raster art.
6. Explain the concept of "White Balance" in digital photography.

Section C

Part – A (Multiple Choice Questions)

(10)

- Which design principle refers to the distribution of visual weight in a layout?
A Contrast
B Balance
C Emphasis
D Rhythm
- The smallest unit of a digital image is called a:
A Bit
B Byte
C Pixel
D Vector
- Which file format is widely used for web images because it supports transparency?
A JPEG
B PNG
C BMP
D TIFF
- In the RGB color model, 'G' stands for:
A Gold
B Grey
C Green
D Gradient
- Which tool is used to select areas of similar color with a single click?
A Lasso Tool
B Magic Wand
C Crop Tool
D Marquee Tool

- 6 A "DPI" of 300 is generally considered standard for:
A Web display B High-quality printing
C Email attachments D Video thumbnails
- 7 The "Aperture" of a camera lens controls:
A Speed of capture B Amount of light
C Color depth D Digital zoom
- 8 Which of these is a free and open-source raster graphics editor?
A Adobe Photoshop B Krita
C CorelDRAW D Illustrator
- 9 "Leading" in typography refers to the space between:
A Individual letters B Words
C Lines of text D Paragraphs
- 10 Which shortcut key is commonly used to 'Undo' an action?
A Ctrl + S B Ctrl + C
C C. Ctrl + Z D Ctrl + V

Part – B (Do as Directed)

(10)

State whether the following statements are true or false

- 1 Symmetry is a type of visual balance.
- 2 A 72 DPI image is ideal for large-format billboard printing.
- 3 The 'Crop Tool' is used to remove unwanted outer areas from an image.
- 4 Vector images lose quality when they are scaled up.
- 5 Primary colors in the RYB model are Red, Yellow, and Blue.
- 6 "Depth of Field" is controlled by the camera's shutter speed.
- 7 Krita is primarily used for vector-based logo design.
- 8 Saturation refers to the intensity or purity of a color.
- 9 A 'Lossy' compression reduces file size by permanently discarding some data.
- 10 The 'Gradients' tool allows for a smooth transition between two or more colors.
