

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

Course	: BCA(DES)	Date	: 16/07/2026
Subject Code	: BCA(DES)-102	Time	: 11.30am to 1.45pm
Subject Name	: Computer Graphics & Digital Illustration Tool	Duration	: 02.15 Hours
		Max. Marks	: 70

Section A

Answer the following (Attempt any three) (30)

1. Discuss in details about graphics file compression.
2. List and explain important tools in Illustrator.
3. Write a detailed note on Vector and Raster graphics.
4. Which various tools are for fills and outlines in Illustrator?
5. Narrate in great details about Filters and affect Menu in Illustrator.

Section B

Answer the following (Attempt any four) (20)

1. Write a brief note on Print Media and its types.
2. Discuss different types of Type Tool in Illustrator.
3. What do you mean by Object Rendering? Explain in brief.
4. List and explain different options of select menu.
5. Discuss in brief about Print Dialog box of Illustrator.
6. Which are various kinds of color modes? Discuss each in short.

Section C

Part – A (Multiple Choice Questions) (10)

- 1 The extension of meta file is _____.
A WHF B WMD
C WMF D WMX
- 2 _____ is an example of compressed Graphics File Format.
A BMP B GIF
C TIFF D RAW
- 3 ____ technique measures the reflection and diffusion of light from surfaces in a scene
A Ray Tracing B Gouraud Shading
C Scanline Rendering D Radiosity
- 4 Illustrator is software developed by _____.
A Adobe B Microsoft
C Google D AutoDesk
- 5 _____ Tool copies various properties and attributes from one object onto another.
A Live Paint Bucket B Reshape

- 6 C Eye dropper D Shear
_____ tool helps you to select the point abruptly
- A Magic Wand B Lasso
C Direct Selection D Pen
- 7 _____ Tool stretches objects as if they were made of clay.
- A Wrap B Pucker
C Scallop D Bloat
- 8 _____ Command helps you to close the object if the path is open.
- A Simplify B Outline Stroke
C Offset Path D Join
- 9 _____ Command transforms a vector object's path segments into a jagged array of peaks and valleys of various sizes.
- A Free Distort B Roughen
C Bloat D Tweak
- 10 _____ is an Auto-CAD format.
- A DWG B PNG
C SWF D TIFF

Part – B (Do as Directed)

(10)

- 1 Resolution is the number of pixels per inch which decides the quality of the image. True / False
- 2 Raster graphics are made up of pixels. True / False
- 3 Shading is a technique that makes your 3D objects appears 2D. True / False
- 4 JPG stands for Joint Photographic Experts Group. True / False
- 5 Grids are line and dots which are used at the back of the artwork. True / False
- 6 Scissor Tool is used to cut the object from path to path. True / False
- 7 Bloat Tool deflates an object by moving control points toward the cursor. True/False
- 8 Pathfinder can be used to work with different shape, and from that shape you can form a new shape. True / False
- 9 Tweak command randomly curves and distorts path segments inward and outward. True / False
- 10 PNG is the format used in the website and this supports transparency. True / False
