

Term End Examination July – 2026

Course : BCA(DES)
Subject Code : BCA(DES)-104
Subject Name : Motion Graphics

Date : 18-07-2026
Time : 11:30am to 01:45pm
Duration : 02.15 Hours
Max. Marks : 70

Section A

Answer the following (Attempt any three)

(30)

1. Narrate rendering options available in Adobe After Effects with their functions.
2. Explain the different types of editing and compositing used in video production.
3. Discuss Blur and Sharpen effects in Adobe After Effects with their applications.
4. List and explain the various Layer Options available in the Timeline panel.
5. Describe Motion Tracking in Adobe After Effects in great details.

Section B

Answer the following (Attempt any four)

(20)

1. Discuss the process of creating 3D Motion in Adobe After Effects.
2. List and explain various Text Effects available in Adobe After Effects.
3. Write a short note on Nested Composition and its advantages in Adobe After Effects.
4. Explain various transformation properties of a video or image layer.
5. Elaborate the concept of Masking in Adobe After Effects with its applications.
6. Describe the purpose of Motion Sketch and explain its working in brief.

Section C

Part – A (Multiple Choice Questions)

(10)

- When the effect is applied to the _____ layer all the layers below that are affected by the applied effects.
A Null Object
B Adjustment
C Text
D Solid
- _____ blending mode burns or dodges the colors by increasing or decreasing the contrast, depending on the lower layer.
A Hard Light
B Linear Light
C Soft Light
D Vivid Light
- _____ editing is performed when a program, news, sports event, or other video is broadcast live.
A Offline
B Non-linear
C Linear
D Online
- _____ blurs pixels in a selected layer based on the luminance values of a blur layer (blur map) .
A Compound
B Directional
C Channel
D Box

- 5 _____ defines the boundary within which titles and text should be placed to ensure they remain visible on screen.
A Grid Guide
B Composition Guide
C Action safe Guide
D Title safe Guide
- 6 _____ composition, data is arranged in the manner so the eyes go to the main object or subject of the art work.
A Asymmetrical
B Golden Mean
C Sequential
D Quadrant
- 7 In the NTSC television standard, the frame rate is _____ fps (frames per second).
A 29.9
B 24.5
C 25.5
D 30.2
- 8 _____ tool is used to quickly add natural motion to raster images, vector graphics, shapes, and text characters.
A Clone Stamp
B Brush
C Puppet
D Shape
- 9 _____ effect give layer a 3D looks.
A Channel
B Perspective
C Distortion
D Blur
- 10 With _____ material, we can determine the directional reflectivity of the light.
A Specular
B Ambient
C Diffuse
D Metal

Part – B (Do as Directed)

(10)

- 1 The Corner Pin effect distorts an image by repositioning each of its four corners. True / False
- 2 The solid layer is used to create a colorful background or for masking. True / False
- 3 You can select brush tool by press “Ctrl + B” on the keyboard. True / False
- 4 The Off-line Editing is entirely done on a high-end system. True / False
- 5 Frame Rate defines the number of the frames played in one second. True / False
- 6 When we time-stretch a layer, the audio file or the original frames in the footage are redistributed along the new duration. True / False
- 7 Gaussian Blur effect creates blur around a point, simulating zoom or rotation. True / False
- 8 The stabilization allows us to smooth the recorded footage by removing the jerks. True / False
- 9 The full form of PAL is “Phase Altering line”. True / False
- 10 With revert command you can take the file to its last saved version. True / False
