



BRAINWARE UNIVERSITY

Term End Examination 2020 - 21

Programme – Bachelor of Arts (Honours) in Multimedia & Web Development

Course Name – Video Compositing

Course Code - BMW503A

Semester / Year - Semester V

Time allotted : 85 Minutes

Full Marks : 70

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 70=70

1. (Answer any Seventy)

(i) The NTSC time code format in which 2 frame counts are skipped per minute is called _____.

- | | |
|-------------------|-------------------------|
| a) FPS | b) Drop Frame Time code |
| c) Visual Effects | d) None of them |

(ii) Which codec is optimized for playback across the internet?

- | | |
|--------------|-----------------|
| a) H.264 | b) HD.268 |
| c) 29.97 FPS | d) None of them |

(iii) What is the name of the property to increase or decrease the footage size?

- | | |
|----------|------------------|
| a) Zoom | b) Rolling Frame |
| c) Scale | d) Ctrl+T |

(iv) What is the standard frame rate for NTSC television?

- | | |
|--------------|--------------|
| a) 16.9 DPI | b) 29.79 FPS |
| c) 24.32 FPS | d) 29.97 FPS |

(v) What is a video mixdown?

- | | |
|---|--|
| a) Merge all video tracks into multi-track | b) Merge all video tracks into one track |
| c) Merge all video tracks into split screen | d) Merge all video tracks into out point |

(vi) In HD resolution, which is to 720 as 1920 is to 1080 ?

- a) 1280
- b) 1088
- c) 1208
- d) 7012

(vii) A setting which allows you to easily a clip in the timeline to other clips, markers, or the play head is known as _____.

- a) Transition
- b) Snapping
- c) Presentation
- d) Animation

(viii) In video compression, what does VBR stand for?

- a) Variable Bit Rate
- b) Video Bit Rate
- c) Visual Bit Rate
- d) None of them

(ix) If you wanted to adjust the anchor point of an object on the composition window you should use which tool?

- a) Selection tool
- b) Pen tool
- c) Pan behind tool
- d) None of them

(x) What happens to a layer when you turn on its 3D layer switch?

- a) The camera layer is created.
- b) The layer can then be moved and rotated along its Z axis in addition to its X and Y axes.
- c) It allows you to import 3D images.
- d) It allows you to create 3D video and images.

(xi) To animate any effects or properties you need to use _____.

- a) Still images
- b) Clips
- c) Keyframes
- d) Animate

(xii) When rendering out your projects, what “view” will Adobe After Effects render out?

- a) Active Camera
- b) Front
- c) Top
- d) None of them

(xiii) Which statement about frame rates in Adobe After Effects is true?

- a) Frame rates are set at the project level.
- b) Composition frame rates override project frame rates.
- c) Compositions in a project can contain different frame rates.
- d) Frame rates are set for the project in the render module of the render queue.

(xiv) Which compression method should you use when rendering an Adobe After Effects project for playback from a CD-ROM?

- a) Sorenson
- b) Intel Raw
- c) Animation
- d) Component Video

(xv) Which option or feature should you use to increase or decrease the transparency of an entire matte?

- a) Alpha Levels
- b) Matte Choker
- c) Color Range Key
- d) Color Difference Key

(xvi) What is the file extension for Adobe After Effects projects?

- a) .aap
- b) .aep
- c) .aef
- d) .afx

(xvii) Essentially independent timelines are_____.

- a) Nested
- b) Sequence
- c) Composition
- d) Project

(xviii) Which key should you use to go forward one frame?

- a) Page Up or Command+Left Arrow
- b) Shift+Page Down or Command+Shift+Right Arrow
- c) Page Down or Command+Right Arrow
- d) Shift+Page Up or Command+Shift+Left Arrow

(xix) Which "view" does Adobe After Effects render out?

- a) Front
- b) Active Camera
- c) Current View
- d) None of them

(xx) After Effects is a digital motion graphics and compositing software published by _____

- a) Adobe Systems
- b) Dell Inc.
- c) Creative cloud
- d) None of them

(xxi) Which file format does Adobe After Effects automatically convert empty area in to an alpha channel?

- a) .BMP
- b) .A1
- c) .GIF
- d) None of them

(xxii) What does the term "nesting" mean in Adobe After Effects?

- a) The process of importing multiple images sequence as footage
- b) The process for animating a still image
- c) The process of saving the composition for the future use
- d) The process of adding composition to another composition

(xxiii) What is a composition?

- a) It is where you organize your bins
- b) It is where you create all animation, layering, and effects
- c) It is a 3D camera
- d) None of them

(xxiv) What does the plugin 'Keylight' do ?

- a) Creates a soft natural light over 3D layers
- b) Remove green from green screen footage
- c) Light a scene naturally without the use of 3D lights
- d) Remove dark spots from underexposed footage

(xxv) What is a Null Object?

- a) An object with properties to house expressions
- b) Essentially a solid, but with a white background
- c) A visible layer that can be parented to any layer in the composition
- d) An invisible layer that has all the properties of a visible layer so that it can be a parent to any layer in the composition

(xxvi) Which of these can help you achieve a glitch effect?

- a) Displacement Map
- b) All of here
- c) Posterize Time
- d) Twitch

(xxvii) What is the shortcut key to restore default preferences settings ?

- a) Ctrl+Alt+Shift
- b) Ctrl+Alt+tab
- c) Ctrl+Alt+G
- d) Ctrl+Alt+C

(xxviii) You can save custom workspaces in after effect by choosing

_____.

- a) Edit > Workspace > New Workspace.
- b) Window > Workspace > New Workspace.
- c) File > Workspace > New Workspace.
- d) None of them

(xxix) What is a quick way to create intermediate levels of nesting in an existing hierarchy ?

- a) Render
- b) Pre-composing
- c) Animation
- d) None of them

(xxx) To modify the transparency of a layer, you should reduce the

_____.

- a) Effect Controls
- b) Sequence
- c) Opacity
- d) None of them

(xxxi) What is speeding up or slowing down a layer in Adobe After Effects

called?

- a) Clipping
- b) Time stretching
- c) Trimming
- d) None of them

(xxxii) What tracks the specified range of bumpy movement and then adjusts the layer anchor point or rotation?

- a) Minimax
- b) Motion stabilizer
- c) Motion blur
- d) Motion tile

(xxxiii) Which effect is used to adjust the position of an image in the 3D space and add depth or create an adjustable z-axis?

- a) Perspective effects
- b) Style effects
- c) Render effects
- d) None of them

(xxxiv) What would happen if the capture speed of a video is set to 50% of motion sketch?

- a) After Effects would play back the motion twice as fast as the sketching speed
- b) It would play back the motion half as fast as sketching speed
- c) It would play back the motion at the same speed as sketching speed
- d) It would not accept this value

(xxxv) Which of the following is not a type of layer in Adobe After Effects?

- a) Solid
- b) Adjustment
- c) Particle
- d) Footage

(xxxvi) What settings should be used to shift the text away from the path?

- a) Tracking
- b) Kerning
- c) Baseline shift
- d) Horizontal shift

(xxxvii) Which among the following is not a type of mask and cannot be drawn?

- a) Rectangular
- b) Oval

c) Bezier

d) Surface

(xxxviii) What would be the outcome if drop shadow effect is applied in Adobe Photoshop layer and then files are imported into Adobe After Effects?

a) After Effects does not support Adobe Photoshop layer effects

b) The layer effect will be imported but cannot be edited in the After Effects control window

c) The effect will be imported and can be edited in the After Effects control window

d) None of them

(xxxix) Which among the following is not a render effect?

a) Audio waveform

b) Audio spectrum

c) Beam

d) Blend

(xl) At least _____ layers should be selected in order to distribute layers.

a) Two

b) Three

c) Four

d) Five

(xli) Which of the following is not a shape type for Path text?

a) Rectangle

b) Circle

c) Bezier

d) Line

(xlii) Which among the following is not the method to create a mask in Adobe After Effects?

a) Drawing a path using the tool from the toolbox

b) Specifying the dimensions of the mask shape in the mask shape dialog box

c) Pasting a path drawn in and copied from another layer or from adobe illustrator or photoshop

d) Setting additional remap keyframes

(xliii) What is the maximum number of masks that can be applied to a single layer in an Adobe After Effects composition?

- a) 512
- b) 256
- c) 128
- d) 127

(xliv) Which of the following layers will be used for applying an effect to many layers at once?

- a) Composition
- b) Footage
- c) Solid
- d) Adjustment

(xlv) What is the standard sampling rate for compact disc audio?

- a) 44.100 Khz
- b) 22.050 Khz
- c) 48 Khz
- d) 32 Khz

(xlvi) _____ is used primarily to create and control animation in Adobe After Effects.

- a) Keyframes
- b) Layers
- c) Filters
- d) None of them

(xlvii) Which key is used to go forward one frame?

- a) Page Up or Command+Left Arrow
- b) Shift+Page Down or Command+Shift+Right Arrow
- c) Page Down or Command+Right Arrow
- d) Shift+Page Up or Command+Shift+Left Arrow

(xlviii) Color is an array of 4 values. What is the order?

- a) shadow, midtone, highlight, Gamma
- b) hue, saturation, lightness
- c) red, green, blue, alpha
- d) red, green, black, alpha

(xlix) To animate any effects or properties you need to use _____.

- a) Still images
- b) Keyframes
- c) Clips
- d) None of them

(l) Which keyboard short cuts are used to set the beginning or end of the work area to current time?

- a) B or E
- b) H or E
- c) B or N
- d) None of them

(li) What is CTI?

- a) CTI stands for Current Time Indicator, and it controls the time line of the footage in the composition panel.
- b) To set parameters for audio
- c) To get into the exact spot of footage
- d) None of them

(lii) What is graph editor?

- a) Graph editor can help you to change the rotation speed and the degree of rotation.
- b) move the footage backward or forward
- c) To create speed of footage
- d) None of them

(liii) To animate any effects or properties I need to use _____.

- a) Still images
- b) Keyframes
- c) Clips
- d) None of them

(liv) Adobe After Effects is a powerful application which creates all of these except _____.

- a) Vector-based transitions
- b) compositing applications
- c) Excellent photos
- d) Visual effects

(lv) What is the option in the Property used to increase or decrease the footage size?

- a) Scale
- b) transparency
- c) Pan behind tool
- d) None of them

(lvi) What Is The Standard Frame Rate For Ntsc Television?

- a) 92.97 frames per second
- b) 29.97 frames per second

c) 20.97 frames per second

d) None of them

(lvii) CGI stands for _____.

a) Computer Generated Imagery

b) Computer general Imagery

c) Computer group Imagery

d) None of them

(lviii) What is "Perspective Shift" in VFX?

a) In VFX terminology, a perspective shift means that the camera reveals different parts or areas of an object as the camera moves.

b) Distance between camera to object

c) Camera Movement

d) None of them

(lix) What is the most important part of successful green screen photography?

a) Weather

b) The shade of green.

c) Lighting

d) How far the subject stands from the background.

(lx) How to create the "Wiggle Effect" in Adobe After Effects?

a) Hold Alt and click on Stopwatch for Position property, then type wiggle (6,8)

b) Hold Ctrl+Alt and click on Stopwatch for Position property, then type wiggle (6,8)

c) Hold Shift and click on Stopwatch for Position property, then type wiggle (6,8)

d) None of them

(lxi) What is the command for Quick Access to Composition Settings?

a) Press Control+ Z

b) Press Control+ K

c) Press Control+ G

d) None of them

(lxii) What is the command to Set Render Regions?

a) Use the U & N buttons

b) Use the B & N buttons

c) Use the C & M buttons

d) None of them

(lxiii) What is the command to Split a Layer?

- a) Control + Alt + D
- b) Control + Shift + D
- c) Control + S + D
- d) None of them

(lxiv) What is the command to Open the New project in Adobe After Effects?

- a) Ctrl+Alt+U
- b) Ctrl+Alt+C
- c) Ctrl+Alt+N
- d) None of them

(lxv) What is the command to trim composition to work area?

- a) Ctrl+Alt+X
- b) Ctrl+Shift+X
- c) Ctrl+Shift+O
- d) None of them

(lxvi) What is the command to Go forward ten frames in Adobe After Effects?

- a) Shift+Page Down
- b) Shift+Page Up
- c) Ctrl+Page Down
- d) None of them

(lxvii) What is the command to show Refine Edge X-ray in Adobe After Effects?

- a) Alt+P
- b) Alt+X
- c) Ctrl+X
- d) None of them

(lxviii) What is the command to import a file or image sequence in Adobe After Effects?

- a) Ctrl+I
- b) Shift+Ctrl+I
- c) Ctrl+E
- d) Alt+W

(lxix) What is the command to activate "Roto Brush" tool in Adobe After Effects?

- a) Alt+G
- b) Alt+W
- c) Ctrl+W
- d) None of them

(lxx) What is the command to create a New adjustment layer in Adobe After Effects?

- a) Ctrl+Alt+Y
- b) Ctrl+Y
- c) Ctrl+Shift+Y
- d) None of them