BRAINWARE UNIVERSITY
Term End Examination 2018 - 19
Programme – Bachelor of Arts (Honours) in Multimedia & Web Development
Course Name – Video Compositing
Course Code – BMW503A
(Semester – 5)

Time allotted: 3 Hours   **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 Questions)   10 x 1 = 10

1. *Choose the correct alternative from the following:*

(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 these

(ii) Which codec is optimized for playback across the internet?
    a. H.264
    b. HD.268
    c. 29.97 FPS
    d. None of these.

(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) If you want to adjust the anchor point of an object on the composition window which tool would you use?
    a. Selection tool
    b. Pen tool
    c. Pan behind tool
    d. None of these

(vii) How many frames does NTSC drop frame time code omit in each 10 minute interval?

    a. 31 frames   b. 18 frames

    c. 29.97 frames   d. 24 frames

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

    a. 1280   b. 1088

    c. 1208   d. 7012

(ix) A setting which allows you to easily place a clip in the timeline next to other clips, markers, or the play head is known as:

    a. Transition   b. Snapping

    c. Presentation   d. Animation

(x) You have defined a region of interest in the composition window. You want to redefine the region of interest. What should you do?

    a. Choose View > Look At All Layers.   b. Choose Composition> Trim Comp to work Area.

    c. Drag the Region of interest button into the composition window and drag the marquee tool.   d. Alt (Windows) or Option (Mac OS) click the Region of interest button, and then drag the marquee in the Composition window.

Group – B

(Short Answer Type Questions)   3 x 5 = 15

Answer **any** *three* from the following:

2.	Write a definition of compositing and composition?	5
3.	What is a shape layer and how do you create it?	5
4.	Describe three ways to preview your work in After Effects.	5
5.	What are test animator groups?	5
6.	What is a point of interest?	5

Group – C

(Long Answer Type Questions)   3 x 15 = 45

Answer any *three* from the following:

7.	(a)	Explain the features of After Effects.	7
	(b)	Define the Motion Track in After Effects.	4
	(c)	What do you mean by adjustment layer?	4
8.	(a)	What does the 3D Camera Tracker effect do?	4
	(b)	What is the warp stabilizer and when do you need to use it?	4
	(c)	What does the Timewarp effect do?	3
	(d)	What is compression and what are some issues associated with it?	4

9. (a) What is a solid-color layer and what can you do with it?   5
    (b) Define the Composition Flowchart in After Effects.   6
    (c) How can you make you animation more fluid?   4

10. (a) What is the difference between color correction and color grading?   5
    (b) What does the SA Color Finesse 3 effect do?   3
    (c) When would you use the mask tracker?   3
    (d) What happens to a layer when you select its 3D Layer switch?   4

11. (a) How to create a camera layer in After Effects?   4
    (b) Explain the camera settings in Adobe After Effects?   11