



**BRAINWARE UNIVERSITY**

**Term End Examination 2018 - 19**

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

**Course Name - VFX**

**Course Code - BMW601**

(Semester – 6)

**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) In video compression, what does VBR stand for?
 

a. Variable Bit Rate	b. Video Bit Rate
c. Visual Bit Rate	d. None of these
  - (ii) What "view" will After Effects render out?
 

a. Front	b. Active Camera
c. Current View	d. None of these
  - (iii) In HD resolution, which is to 720 as 1920 is to 1080
 

a. 1280	b. 1088
c. 1208	d. 7012
  - (iv) 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
c. It allows you to import 3D images.	d. None of the above
  - (v) Color is an array of 4 values. What is the order?
 

a. red, green, black, alpha	b. hue, saturation, lightness
c. red, green, blue, alpha	d. shadow, midtone, highlight, Gamma
  - (vi) If you wanted to adjust the anchor point of an object on the composition window you use which tool?
 

a. Selection tool	b. Pen tool
c. Pan behind tool	d. None of the above

- (vii) The quickest way to create a closed mask is...
  - a. Luma Key
  - b. Rectangular/Elliptical tool
  - c. Color Range Key
  - d. Pan Behind
- (viii) 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
  - c. It allows you to import 3D images.
  - d. None of the above
- (ix) Which compression method should you when rendering an Adobe After Effects project for playback from a CD-ROM?
  - a. Sorenson
  - b. Intel Raw
  - c. Animation
  - d. None of the above
- (x) 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.

**Group – B**

(Short Answer Type Questions)

3 x 5 = 15

Answer any *three* from the following:

- 2. Define the Rig Removal and Period Cleanup. 5
- 3. Define Special Effects or Visual Effects. 5
- 4. Define Green Spill in VFX? 5
- 5. What Does CGI Really Mean? 5
- 6. Define the Previsualization in VFX?. 5

**Group – C**

(Long Answer Type Questions)

3 x 15 = 45

Answer any *three* from the following:

- 7. (a) Explain using the Green Screen in VFX. 10
- (b) Write a short note on CG Layout. 5
- 8. (a) Define the Concept Art in VFX. 10
- (b) Write a short note on Technical Modeling. 5
- 9. (a) Explain the Organic Modeling. 8
- (b) What do you mean by 3D Scanning? 7
- 10. (a) Define the 2D Workflow in VFX. 7
- (b) Write a short note on Rotoscoping in VFX. 8
- 11. (a) What do you mean by Non-solid Edges? 8
- (b) Explain the Camera Tracking in VFX. 7