

Total No. of printed pages = 3

BMD 171604

Roll No. of candidate

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2019

B.Des. (MCD) 6th Semester End-Term Examination

VISUAL EFFECTS AND DIGITAL COMPOSITING

(Old Regulation)

Full Marks – 100

Time – Three hours

The figures in the margin indicate full marks
for the questions.

Answer question No. 1 and any *six* from the rest.

1. Fill in the blanks: (10 × 1 = 10)
- (i) SFX stands for _____.
 - (ii) Chroma keying technique is applied to remove _____ screen from the video footage.
 - (iii) The short key to create a new composition in after effect is _____.
 - (iv) The terminology used for exporting file in after effect is called _____.
 - (v) Composition is the arrangement of visual _____ in a work of art.

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- (vi) _____ is the digitally manipulated combination of at least two source images to produce an integrated result.
- (vii) In Chroma key compositing, the colour used for the background is usually _____ or _____.
- (viii) In order to provide necessary safety actors or replicate a complex movement of objects of a scene, are used during the shooting.
- (ix) _____ is a process of trailing an object or a group of objects in a footage.
- (x) 3D Camera tracking or match moving allows digital artists to insert objects, for instance CG elements, into _____ Footage plates that have a moving camera.

- 2. (a) What is Visual Effect? (3)
- (b) What are the categories of Visual Effect? Describe briefly. (12)
- 3. (a) What is Chroma Keying? (3)
- (b) Describe the process of chroma key compositing. (12)
- 4. (a) What is Set Extension? (3)
- (b) Describe the process of Set Extension technique. (12)
- 5. (a) What is wire removal? (3)
- (b) Explain rig removal technique with the help of suitable example. (6)
- (c) Describe the importance of wire removal. (6)

6. (a) What do you mean by Computer Generated Imagery? (3)
- (b) Describe the process of compositing CGI with live action. (12)
7. (a) What is Colour Correction? (3)
- (b) Describe the tools and effects available for Colour Correction in After Effects? (12)
8. (a) What do you mean by Foreground and Background plate? (5)
- (b) Describe the importance of Matte painting. (10)
9. Write short note on any 3 (three) the following: ($3 \times 5 = 15$)
- (a) Dynamic Field
- (b) Instancer
- (c) Particle Emitter
- (d) Rigid Bodies
- (e) Constraints
- (f) Fluid Effects