



BRAINWARE UNIVERSITY

Term End Examination 2025-2026

Programme – M.Sc.(AM)-2021/M.Sc.(AM)-2022/M.Sc.(AM)-2023/M.Sc.(AM)-2024

Course Name – VFX for Film Making-II/VFX for Film Making

Course Code - MMM401A

(Semester IV)

Full Marks : 60

Time : 2:30 Hours

[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 15=15

1. Choose the correct alternative from the following :

- (i) Define How To copy a rectangle shape from one image to another in nuke.
 - a) Select Warping > CopyRectangle
 - b) Select Morphing > CopyRectangle
 - c) Select Merge > CopyRectangle
 - d) None of the above
- (ii) Name the shortcut key of Transform in nuke?
 - a) A
 - b) T
 - c) C
 - d) R
- (iii) Select, Which tab in RotoPaint control panel in found ?
 - a) Transform
 - b) Merge
 - c) Reformat
 - d) None of the above
- (iv) Choose, What is the shortcut key of Change node color in nuke?
 - a) Ctrl+Alt+C
 - b) Ctrl+Shift+C
 - c) Ctrl+C
 - d) None of the above
- (v) Write how to Generate a Contact Sheet in nuke?
 - a) Merge > ContactSheet
 - b) Keying > ContactSheet
 - c) Link menu > ContactSheet
 - d) None of the above
- (vi) Describe how to Copy a Rectangle from One Image to Another in nuke
 - a) Denoise
 - b) filtering
 - c) remove noise
 - d) None of the above
- (vii) Select which is the default spill replacement mode.
 - a) Complement
 - b) Defocused
 - c) Initialize
 - d) None of the above
- (viii) Choose how To add a cube in a 3D compositing in nuke.
 - a) Click 3D > compositing> Cube
 - b) Click 3D > Geometry > Cube
 - c) Ctrl+3D
 - d) Alt+3D

- (ix) Select, what is the shortcut key of AddMix nodes in nuke.
- a) Shift+G
b) Shift+M
c) Shift+S
d) Shift+A
- (x) Write the shortcut key of Blur nodes in nuke.
- a) A
b) B
c) C
d) D
- (xi) Select the shortcut key of Roto Paint tool in nuke.
- a) R
b) P
c) R
d) T
- (xii) Select the shortcut key of Cusped Bezier tool in nuke.
- a) D
b) G
c) V
d) E
- (xiii) Choose how to Selects MultiFrame in Silhouette.
- a) M
b) X
c) B
d) C
- (xiv) Select what is the shortcut key of play forward in nuke.
- a) P
b) K
c) L
d) H
- (xv) Select what is the shortcut key of clear In point in nuke.
- a) Alt+I
b) Alt+E
c) Alt+K
d) Alt+W

Group-B

(Short Answer Type Questions)

$$3 \times 5 = 15$$

2. Describe the concept of Match Move. (3)
3. Discuss, what effect can you use to warm up the colors in an image. (3)
4. Demonstrate the workflow for creating a digital set extension using Photoshop and Nuke. (3)
5. Explain, What is Set Extension. (3)
6. Write about the limitations of 3D Camera Projection in animation. (3)

OR

Demonstrate how lighting affects 3D Camera Projection results. (3)

Group-C

(Long Answer Type Questions)

$$5 \times 6 = 30$$

7. Describe, what is particle Emitters. (5)
8. Describe the process of Match Move in visual effects production. (5)
9. Explain the difference between 2D and 3D camera tracking. (5)
10. Write about the software commonly used for 3D Camera Projection and their functionalities. (5)
11. Analyze the importance of tracking markers in match moving. (5)
12. Summarize the Scopes in Nuke and how are they accessed. (5)

OR

Explain how 3D Camera Projection can be used to create virtual sets or environments for film and television production. (5)
