



## **BRAINWARE UNIVERSITY**

Library
Brainware University
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Term End Examination 2024-2025
Programme – M.Sc.(AM)-2021/M.Sc.(AM)-2022/M.Sc.(AM)-2023
Course Name – Advanced Animation and CG Production-3d/Advanced Animation and CG Production - 3d
Course Code - MMM402A-II/MMM402AII
(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) Choose the correct tools to modify any kind of deformation without editing the components of geometry.
  - a) Smooth Bind.

b) Jiggle Deformer.

c) Lattice

- d) Sculpt Geometry Tool.
- (ii) Choose the correct function of the hotkey F4 in Autodesk Maya.
  - a) toggles the Modeling menu set
- b) toggles the Lighting menu set
- c) toggles the Animation menu set
- d) toggles the Rigging menu set
- (iii) Select the guideline that shows the actual view seen in the rendered image.
  - a) The perspective view.

b) The render gate.

c) The view gate.

- d) The resolution gate.
- (iv) Identify the following that describes the relationship between joints In a skeletal hierarchy.
  - a) Sibling-sibling

b) Cousin-cousin

c) Roots - nodes

- d) Parent-child
- (v) Apply the concept of skinning in rigging.
  - a) Skin textures to characters for realism
- b) Creating joints and controls for animation
- c) Binding a character's mesh to its skeleton
- d) Adjusting body weight
- (vi) Recognize the purpose of using motion trails in animation.
  - a) To simulate particle effects
- b) To visualize the trajectory of animated objects
- c) To generate procedural animations
- d) To create realistic fur on characters
- (vii) Identify the key factor in creating appealing poses in animation.
  - a) Using complex lighting techniques
- b) Adding intricate textures to character models

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