



BRAINWARE UNIVERSITY

Term End Examination 2023-2024
Programme – B.Sc.(AM)-Hons-2021
Course Name – 3D Animation II
Course Code - BMMD601A
(Semester VI)

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) Identify the properties of a material that distinguishes between wood and metal.
- | | |
|---------------|---------------|
| a) Reflection | b) Refraction |
| c) Bump | d) Roughness |
- (ii) Identify the name of the process to create a sequence of images for your scene inside in Autodesk Maya.
- | | |
|------------|--------------------|
| a) Export | b) Batch Rendering |
| c) Save as | d) Make Movie |
- (iii) Identify the full form of MEL in Autodesk Maya.
- | | |
|-------------------------|----------------------------|
| a) Maya Extreme Logo. | b) Maya Embedded Language. |
| c) Maya Error Language. | d) Maya Error Loop. |
- (iv) Identify a common use of IK (Inverse Kinematics) in rigging.
- | | |
|-------------------------------|--|
| a) Rigging facial expressions | b) Controlling character movement like walking or reaching |
| c) Adjusting object orient | d) Control child in hierarchy |
- (v) Select the significance of the connection editor in Autodesk Maya.
- | | |
|--|--|
| a) It links attributes between different objects | b) It generates character meshes |
| c) It can only link same attribute between meshes. | d) It connects Maya to external rendering software |
- (vi) Identify the shortcut to unparent objects in hierarchy in Autodesk Maya.
- | | |
|--------------|------------|
| a) P | b) CTRL+ P |
| c) Shift + P | d) X |
- (vii) Choose the correct statement about keyframe in animation.
- | | |
|--|---|
| a) Keyframes are only necessary for character animation | b) Keyframes define the beginning and end points of an animation sequence |
| c) Keyframes are irrelevant in 3D animation software like Maya | d) Keyframes are only used in 2D animation |

- 10. Express, how can you manage a character's nonlinear animation in Autodesk Maya. (5)
- 11. Illustrate skeletal rig in 3D Animation. (5)
- 12. Explain the delta mush deformer. (5)

OR

Evaluate the impact of character rigging and animation on the overall quality of a 3D production. (5)
