Dr. Babasaheb Ambedkar Open University
Term End Examination March – 2021

Course	**:**	**BCA(DES)**	**Date**	**:**	**05-March-2021**
Subject Code	**:**	**BCA-305(DES)-Ani.**	**Time**	**:**	**10:00am to 12:00pm**
Subject Name	**:**	**3D Illusion -2**	**Duration**	**:**	**02 Hours**
			Max. Marks	**:**	**50**

`

Section A

Answer the following (Attempt any two) **(20)**

1. Explain Mapping.
2. Discuss Hardware Rendering.
3. Explain Types of Lighting.
4. Discuss Methods of Animation.

Section B

Answer the following (Attempt any three) **(15)**

1. Explain Path animation.
2. Explain Types of fluids.
3. Explain Pole vector.
4. Explain Batch Rendering.
5. Discuss Hypershade Nodes.

Section C

Part – A (Multiple Choice Questions) **(10)**

1 The maximum number of points that can be displayed without overlap on a CRT

A Aspect Ratio B Resolution
C Brightness D Pixel

2 Which of the following is a shear-thinnning fluid?

A Bingham plastic B Rheopectic
C Dilatant D Pseudoplastic

3 Which of the following is not a rigid body transformation?

A Translation B Rotation
C Shearing D Reflection

4 GIF stands for .....

A Global Image Format B Graphics Interchange Format
C Graphics Image Format D None of the above

5 The process of mapping a world window in world coordinate system to viewport are called

A Transformation viewing B Viewport
C Clipping window D Screen coordinate system

6 The text color in a presentation should contrast with the _____ color.

A CPU B frame
C stack D background

7 A video consists of a sequence of

A Frames B Signals
C Packets D Slots

8 In Audio and Video Compression, each frame is divided into small grids, called picture elements or

A Frames B Packets
C Pixels D Mega Pixels

9 One of the disadvantages of multimedia is:

A adaptability B cost
C usability D relativity

10 Moving Picture Experts Group (MPEG) is used to compress

A Frames B Images
C Audio D Video

Part – B (Do as Directed) **(05)**

1 What Are the use of Animation?

2 What is a motion path?

3 What Is Lighting?

4 What Is The First Movie That Used 2d Animation In Telugu Movie?

5 What Is Rigging?

*****