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

Course	**:**	**BCA(DES)**	**Date**	**:**	**06-March-2021**
Subject Code	**:**	**BCA-306(DES)-Ani.**	**Time**	**:**	**10:00am to 12:00pm**
Subject Name	**:**	**Virtual Reality**	**Duration**	**:**	**02 Hours**
			Max. Marks	**:**	**50**

Section A

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

1. Explain types of virtual reality
2. Explain application of Virtual reality
3. Write short note on Virtual Reality Software
4. Explain Features of VRLM

Section B

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

1. Write short note on application for national challenges
2. Explain in brief human factor in Virtual reality
3. How 3D audio works in speaker?
4. Explain 3D graphics in Virtual Reality
5. Explain Head Mounted display

Section C

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

1 Control remote devices by mimicking actual events in the physical world as they happen is called _____

A RPC B TelePresence
C TeleRemoting D TeleVR

2 CAVE stands for _____

A Cone Automatic Virtual Environments B Computerized Automatic Virtual Environments
C Cave Automatic Virtual Equipment D None of Above

3 CRT stands for _____

A Cathode Ray Tube B Cathode Ray Television
C Cathode Related Tube D Carbone Ray Tube

4 LCD stands for _____

A Liquid Crystal Display B Liquide Carbone Display
C Liquid Cathode Display D None of Above

5 VRML stands for _____

A Virtual Reality Machine Language B Virtual Reality Modeling Link
C Virtual Reality Monitor Language D Virtual Reality Modeling Language

6 Rend386 is used in _____ operating system.

A Mac B Windows
C Dos D Linux

7 Multiverse is used in _____ operating System

A Mac B Windows

C Dos D Linux

8 BOOM stands for _____

A Binocular Omni-Orientation Monitor B Binocular Omni-Orientation Method

C Binocular Omni Orientation Machine D Binocular Omni-Orientation Model

9 CAD stands for _____

A Computer Advance Design B Computer Aided Design

C Computer Aided Development D None of Above

10 CSCW stands for _____

A Computer Super Cooperative Work B Computer Supported Cooperative Work

C Computer Super Collective Work D Computer Supported Collective Work

Part – B (Do as Directed) **(05)**

State weather the following statement are True or False

1 Nodes can be classified into one of three categories; shape, property or group.

2 A transparency value of 0 is completely opaque; a value of 1 is completely transparent.

3 SFFloat occupied 16 bits.

4 In VRML any type of image can be used as a texture.

5 The CAVE was developed at the University of Illinois at Chicago

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