



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – VISUAL COMMUNICATION

THIRD SEMESTER – APRIL 2024

PVC3MC01 – IMMERSIVE EXPERIENTIAL DESIGN

Date: 02-04-2024

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

SECTION A – K1 (CO1)

	Answer ALL the questions	(5 x 1 = 5)
1	Fill in the blanks	
a)	Who published the first description of his stereoscope in the 1838	_____
b)	Sensorama was invented by	_____
c)	Too many head movements while using Virtual Reality can lead to	_____ Syndrome
d)	The full form of HUD is	_____
e)	The first VR game ever designed was	_____

SECTION A – K2 (CO1)

	Answer ALL the questions	(5 x 1 = 5)
2	True or False	
a)	Ivan Sutherland invented the stereoscope	
b)	Snapchat is a virtual reality	
c)	Stereo plotter is used in the process of Photogrammetry	
d)	Oculus was bought by Microsoft in 2014	
e)	Processor is responsible for running the AR software	

SECTION B – K3 (CO2)

	Answer any THREE of the following	(3 x 10 = 30)
3	Identify the types, components, design and interactivity in VR	
4	Analyze photogrammetry, explain its types and process in detail	
5	Explain the three stages in Game design	
6	List the pros and cons of CGI	
7	Examine how mixed reality can be applied in various fields	

SECTION C – K4 (CO3)

	Answer any TWO of the following	(2 x 12.5 = 25)
8	Explain the hardware components of AR	
9	Illustrate the importance of camera and head movements in VR cinema	
10	Dissect Extended Reality with appropriate examples	
11	Identify the following a) Sensorama b) 360-degree video	

SECTION D – K5 (CO4)

	Answer any ONE of the following	(1 x 15 = 15)
12	Inspect the stereoscopic principle and its models	
13	Compile the five stages of developing a game in detail	
SECTION E – K6 (CO5)		
	Answer any ONE of the following	(1 x 20 = 20)
14	Develop a game on your own with a strong core game mechanism	
15	Explain the types of Augmented Reality in detail	

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