

Reg.No. _____



Karunya UNIVERSITY

(Karunya Institute of Technology & Sciences)
(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

End Semester Examination – Nov/Dec – 2016

Code : 14CS3058
Sub. Name : Virtual Reality Technology

Semester : 2016-17 ODD
Duration : 3hrs
Max. marks : 100

ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)

Q. No.	Sub Div.	Questions	Course Outcome	Marks
1.	a.	Describe the three dimensional position trackers with its types? (OR)	CO1	20
2.	a.	Write the working principle of the Pinch Glove with its architecture and explain how it is being used in the real world senario	CO1	20
3.	a.	Explain the working mechanism of human auditory system with the virtual 3D sound? (OR)	CO1	20
4.	a.	Describe how human visual system plays a major role in the field of effective graphics system.Show how it matches the image characteristics to those of users ability to view the synthetic displays of real world ?	CO2	20
5.	a.	Write about the Distributed Virtual reality architectures with its component interfaces? (OR)	CO2	20
6.	a.	Give examples of multitexturing in texture mapping and explain their importance	CO3	10
	b.	How does behavior modeling influence object appearance?Describe methods and comment	CO3	10
7.	a.	Describe the people shop API and explain how people shop allows programming at the task level? (OR)	CO4	20
8.	a.	How does the Usability Engineering Methodology helps in the 3D multimodel environments also write about the Testbed Evaluation of Universal VR tasks <u>Compulsory:</u>	CO4	20
9.	a.	Describe how military has long understood the importance of simulation and training under VR applications.	CO5	20

ALL THE BEST