R16

Reg. No: [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year II Semester Supplementary Examinations July-2021
COMPUTER GRAPHICS & ANIMATION
(Computer Science & Information Technology)

Time: 3 hours   Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)

UNIT-I

1	a	Differentiate computer graphics and computer animation.	6M
	b	Describe in the brief about the Error considerations.	6M

OR

2	a	Explain in detail about Heritage of animation.	6M
	b	How to extract transformations from a matrix? Discuss.	6M

UNIT-II

3	a	Discuss about the Interpolating Quaternions.	6M
	b	Explain about the Graphical languages.	6M

OR

4	Discuss in detail about Deforming objects.	12M

UNIT-III

5	Discuss about Three Dimensional shape interpolations.	12M

OR

6	a	Explain in detail about the Combining motions.	6M
	b	Discuss about the Feature based morphing.	6M

UNIT-IV

7	a	Describe about the facial action coding system.	6M
	b	Explain about the Expressions in animating the face.	6M

OR

8	What is Reaching and Grasping? Explain.	12M

UNIT-V

9	a	Describe about the Expressions and gestures.	6M
	b	Discuss about the following Modeling individuality.	6M

OR

10	Describe the key features of behavioral animation.	12M

*** END ***