R16

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year II Semester Regular & Supplementary Examinations October-2020
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**	Explain the Basic transformations.	**7M**
	b	Discuss about Representing an arbitrary orientation.	**5M**

OR

2	**a**	What is Computer Graphics? Write applications of computer graphics.	**12M**

UNIT-II

3	**a**	Explain the Artistic oriented animation languages.	**6M**
	b	Discuss about Graphical languages.	**6M**

OR

4	**a**	Discuss about Ease in/ ease-out.	**6M**
	b	Explain the Path following.	**6M**

UNIT-III

5	Explain in detail about 3 D shape interpolations.	**12M**

OR

6	**a**	Explain the Matching topology.	**6M**
	b	Write about Axial slices.	**6M**

UNIT-IV

7	**a**	Discuss the Blend shapes.	**5M**
	b	Explain the Parameterized models.	**7M**

OR

8	What is Lip-Sync animation? Explain articulations of speech, phonemes and prosody.	**12M**

UNIT-V

9	**a**	Explain the Modeling individuality.	**6M**
	b	Discuss about Autonomous behavior.	**6M**

OR

10	**a**	Explain the Managing n-squared complexity.	**6M**
	b	Discuss about Appearance.	**6M**

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