

TONTADARYA COLLEGE OF ENGINEERING

(Department of CSE)

Internal Assessment -II (18CS62)

Subject Semeste		Date : 14.06.2022 Time : 12.30 pm to 1.30pm			
Answer	Answer following questions choosing one question from each part			Total Marks: 50	
		PART-A		co	
Q1/	 With a neat figure explain two din Explain Scanline Polygon Filling 	nensional viewing pipeline. Algorithm with neat sketches and example. OR	12M 13M	(CO3) (CO3)	
Q2.	 Discuss with neat sketches and exa Explain the following a) OpenGL viewing Functions 	b) OpenGL geometric transformations functions	12M 13M	(CO3) (CO3)	
034	1. With the help of matrix represents	PART-B ations, Explain 2D composite	12M	(CO4)	
	translation, rotation and scaling? What is concatenation of transform considered 2D a) Rotation About a fixed point		13M	(CO4)	
Q4.		OR xmple Cohen-Sutherland Line Clipping. onal transformation		(CO4)	

Course Outcome	Complete Title	
CO3	Apply concepts of clipping and visible surface detection in 2D and 3D	
	viewing, and Illumination Models Decide suitable hardware and software for developing graphics package.	
CO4	using OpenGL	