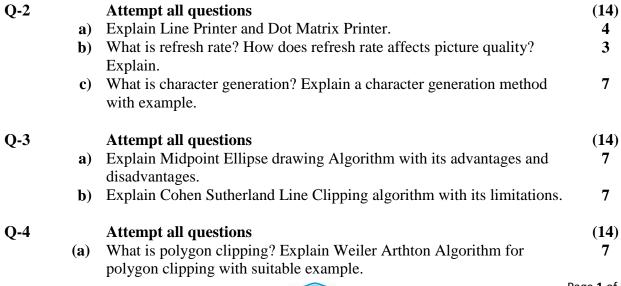
Enrollment N	No: Exam Seat No: C.U.SHAH UNIVERSITY	
	Summer Examination-2019	
Subject Name	e: Computer Graphics	
Subject Code	e: 4TE06CGR1 Branch: B.Tech (CE)	
Semester: 6	Date: 16/04/2019 Time: 10:30 To 01:30 Marks: 70	0
(2) Instru (3) Draw	of Programmable calculator & any other electronic instrument is prohibitations written on main answer book are strictly to be obeyed. In neat diagrams and figures (if necessary) at right places. The suitable data if needed.	ted.
Q-1 a) b) c) d) e) f) g) h) i) j) k) l) m) n) Attempt any	Attempt the following questions: What is Digitizer? What is Aliasing? What is Scaling? What is Look Up table? What is Flat Panel Display? What is plotter? What is shearing? What is reflection? What is reflection? What it line clipping? What is translation? What is data glove? What is ambient light? Explain getpixel() function. What is Joy Stick? four questions from Q-2 to Q-8	(14) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Q-2 a) b)	What is refresh rate? How does refresh rate affects picture quality? Explain.	(14) 4 3
0.2	Attempt all questions	(14)





	(b)	Compare raster scan and random scan display.	4
	(c)	List and explain applications of Computer Graphics.	3
Q-5		Attempt all questions	(14)
	a)	Explain Digital Differential Analyzer algorithm with its advantages and disadvantages.	7
	b)	What is transformation in Computer Graphics? Explain Window to View port transformation with suitable example.	7
Q-6		Attempt all questions	(14)
	a)	What is Parallel Projection? Explain types of Parallel Projection in detail.	7
	b)	Explain CIE diagram with its usefulness.	7
Q-7		Attempt all questions	(14)
	a)	Explain flood filling algorithm and boundary filling algorithm with advantages.	7
	b)	What is Cathode Ray Tube? Explain its working.	7
Q-8		Attempt all questions	(14)
-	a)	What is anti-aliasing? How does anti-aliasing affect the resolution? List out advantages and disadvantages of anti-aliasing.	7
	b)		7

