Enrolln	nent No:			Exam Seat No	o:		_
		C.U.SI	HAH U	NIVER S	SITY		
		Sumn	ner Exan	nination-2	2019		
Subject	t Name :	Computer Graj	phics				
Subject	Subject Code: 4CS06CGE1			Branch: M.Sc. C.A. & I.T. (Integrated)			
Semesto	er : 6	Date: 16/0	04/2019	Time: 10:30	To 01:30	Marks: 70	
(2) (3)	Use of P Instruction Draw ne	ons written on ma	ain answer bool	other electronic c are strictly to be sary) at right pla	e obeyed.	prohibited.	
-1	Attempt	the following q	uestions:				(14
a)		can be consider	red as an exten	sion of spherical	l surface		1
	(a)Bezie	r(b)Ellipsoid(c)S	hearing(d)None	e of these			
b)		curve is one of t	he sp line appi	oximation meth	ods.		1
	(a) Bez	er (b)Ellipsoid (c)Shearing (d)	None of these			
c)	A Bezier used	curve is a poly	nomial of degr	ee1	the no of cor	itrol points	1
	(a) One n	nore than (b)On	e less than (c)T	wo less than (d)N	None of these		
d) '	The most	basic transform	nation that are	applied in three	e-dimension	al planes are	1
	(a) '	Γranslation (b)	Scaling (c)	Rotation (d)	All of thes	e	
e)	How m	any types of pro	jection are				1
ı	(a) 1(b)	2 (c) 3 (d) 4					
f)	The g	raphics can be					1
	(a)Drawing (b)Pl	notograph, mov	ies			
	(c)Simulation (d).	All of these				
	`	. ,					



g) The component of interactive computer graphics are

1

		(c)Bank of switche (d)All of these	
	h)	Three dimensional computer graphics become effective In the late	1
		(a) 1960 (b) 198 (c)1970 (d)1950	
	i)	Graphics is one of the major key element in design of multimedia application	1
		(a) Five. (b)Three (c)Four (d)Eight	
	j)	The quake , one of the first fully 3D games was released in year	1
		1996 (b)1976(c)1986 (d)1999	
	k)	Types of computer graphics are	1
	ŕ	(a) Vector and raster(b) Scalar and raster	
		(c) Vector and scalar(d) None of these	
	1)	Vector graphics is composed of	1
	-)	(a) Pixels (b) Path (c) Palette (d) None of these	1
			1
	Ш	Which one is the basic input device in GUI	1
		Mouse (b)Graphics table (c)Voice system (d)Touch panel	
	n)	Pen or inkjet plotters use the following devices	1
		(a)Drum (b)Flat bed(c)Both a & b(d)None of these	
Attem	pt any	four questions from Q-2 to Q-8	
Q-2	(A)	Attempt all questions .What is Graphics? Explain the history of Graphics in brief.	(14) (7)
Q-3	(B)	Explain the types of printers in brief. Attempt all questions	(7) (14)
	(A) (B)	Write a brief note on Digital Camera. Write a brief note on Scanner.	(7) (7)

(a) Alight pen (b)Display unit



Q-4		Attempt all questions	(14)
	(A)	What is raster scan? Explain in brief.	(7)
	(B)	Explain DDA circle algorithm in brief.	(7)
Q-5		Attempt all questions	(14)
	(A)	Write a brief note on clipping.	(10)
	(B)	Write a short note on Mouse.	(4)
Q-6		Attempt all questions	(14)
	(A)	What is transformation? Explain 2D Transformation in brief.	(10)
	(B)	Write a short note on keyboard.	(4)
Q-7		·	
		Explain the Application and Architecture of Computer Graphics.	(14)
Q-8		Attempt all questions	(14)
-	(A)	Explain flood fill algorithm in brief.	(7)
	(B)	Write a brief note on Viewing.	(7)

