Paper / Subject Code: 50925 / Computer Graphics

(3	Hours)					Total Mark	s: 80
N.B:	1. Question 2. Attempt a 3. Assume a	ny 3 from r	emaining		justify the assun	nptions	
Q.1 Attem	pt any Four .		A Property of the Property of		ENTER CONTRACTOR		20
	-	etween rando	om scan dis	splay and ras	ster scan display.		
	fine Aliasing, I						
	mpare DDA an						
	plain point clip						
	ve fractal dimer						
	Dr. Cap					£3,	3
Q.2 a) Der	rive formula fo	r mid-point	circle algor	rithm.			10
b) Giv	ven a line AB v	where $A(3,1)$	and B(0,0) calculate al	ll the points of lin	ne AB using	10
DI	DA algorithm.	Zi Ma					
Q.3 a) Wit	th neat diagram	explain Co	mposite tra	nsformation	. , , , , ,		10
b) Des	scribe what is I	Homogeneou	us coordina	ites.			10
			A. A.				
Q.4 a) Wit	th neat diagran	explain wii	ndow to vie	ewport coord	linate transforma	tion.	10
b) Wit	th neat diagran	n explain Su	therland H	odgman poly	gon clipping alg	orithm.	10
					F. S.		
Q.5 a) Def	fine projection,	with neat d	iagram des	cribe planar	geometric projec	tion.	10
b) Des	scribe propertie	es of BEZIE	R curve.				10
Q.6 a) Des	scribe various p	orinciples of	traditional	animation.			10
b) Wr	ite short note o	n Depth buf	fer algorith	ım.			10
7	5, 22						
		.5					

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