	Paper / Subject Code: 50925 / Computer Graphics				
SE			"Computer!		Dec 2022
	01/12/2022				
(3	Hours)			T	otal Marks: 80
N.B:	2. Attempt	No. 1 is compu any 3 from rem any suitable dat	lsory aining questions a if necessary and ju	stify the assumpti	ons
.1 Atten	npt any Four .				20
a) Gi	ve difference l	between random	scan display and raste	er scan display.	
			ent antialiasing technic		
	74	. 3	M line drawing algor	(a) (b)	
	7/2	ipping algorithm			
e) Gi	ve fractal dim	ension for KOC	H curve.		
) 2 a) De	erive formula	for mid-point cir	cle algorithm.	V A	10
1 1 1 C 2 1	1	18.86	nd B(0,0) calculate al	I the points of line	AB using 10
- 1	DDA algorithm				
2 3 a) W	ith neat diagr	am explain Com	posite transformation	·	10
7		is Homogeneous			10
/.	CSCITOC WILLS				
	Vid et dioer	om evnlain wind	low to viewport coor	dinate transformat	ion. 10
Q.4 a) W	ith heat diagi	am explain Suth	nerland Hodgman pol	ygon clipping algo	orithm. 10
(b) W	ith neat diagi	cam explain bud			
. A.) 	ngram describe plana	geometric projec	tion. 10
Q.5.a) D	efine projecti	on, with neat dia	igram desertoe prais		10
3 b) D	escribe prope	rties of BEZIEF	curve.		
					10
Q.6 a) D	escribe variou	us principles of	traditional animation		10
b) V	Vrite short no	te on Depth buff	fer algorithm.		
7			A Commence of the Commence of		
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