	Date
	1-Basic of Computer
	Date 1-Basic of Computer (Saathi) Graphics.
4	D.C.
	Define:
	i] Pixel
-	ii) Frame buffer
	·7 - 2 0.
	i) - Pixel is the smallest controlable element of a picture represented on
	clement at a picture represented an
	ii) - A Frame buffer is a portion of RAM Containing a bitmap that driver a video display.
-	a side dist
21 5-	a viaco aspiag.
.01	Give Characteristics of display Adapter.
7	The commercial or thisping the pro-
A 40	il Maximum Recollition:
TF	It is total number of
	pixels that can be displayed without
	pixels that can be displayed without overlapping screen. egg: 640x480, 1280x1024.
	ii) Color depth:
	Color depth is defined by number
	of bits used to represent that color.
	System using in bit per pixel can support Maximum 2" different color.
	Maximum 2" different color.
	iii] Refresh Pare:
	Reforch rate definer how many
e Carire	number of time storen can be painted in
	1 second. Normal refresh sate is 60 hz.
	Page No.



	Date /
	in TII Tonerie with mild in IV?
49 16	iv] TV Foner: A card with boild in TV Tome Can tom PC into TV.
	can don PC into
	1) Accherator: I'm Accherator is a special
	A graphics Acclesator is a special Agree of video adapter that contain the own processor to boost performance.
_	type of video adapter
	own processor to pass
	2 Company of the same of the s
	Explain Raster Scan
	i) Raster Scan is the rectargular partern of image capture and reconstruction
	I Kaster can is and reconstruction
	ot image Capital
	in television. For Raster graphics, the pattern of image storage and toanning pattern of image storage and toanning
Y	setters of image storage and toarmin
-	used in most computer bitmap image
	System
	99.
41	Differentiate between bandom Scan and
	raster scan.
\rightarrow	
	Basis Raster Random
rast.	The second of th
	Electron Beam Swept across the Directed to the
	Screen and hardle partion of screen
7-2	one sow at a confere picture
	time is redered
	OV VICE
	Page No.





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	au Múi	
	Resolution Poor	Good
_3	1 2 3 10 1 10 1	
	Picture Osing	Pixels with help of
	Picture Osing Rendering	mathematical Function
2.44		1
	Realistic Effective	e Onable to
	Display	e Onable to display.
		1
5	Compare Bitmap Gray graphics.	phice and vector
	Graphice.	THE RELEASE OF THE PROPERTY OF
	Bitmap	Vector
*		
	A type of graphics that	A type of graphic
	represents a grid of	defined in terms of
	pixels, vienable via a	2D points that are
	monitor	connected by line
	Oser Pixel	uses basic geometric
	* * *	Shapes
	File Size is more	File Size is less
	10 fee	the state of the s
1.	Possible to edit imager	Possible to edit image
y-124	to some enter	without reducing quality.
		And the second
	Suitable For photographs	Sulterble For logor, icons, Clipan
4		icans, Clipan
	and the second s	
		The state of the s

Light Control	(Courth !)
	Date/_/
6)	Défine Aspell Patio. Give one Example of Aspell Ratio
	Aspect Ratio: The is the ratio of the wide to the height of an image or screen ex: 16:9 here 16 is x onite wide neve 16 is y onite high-
	List any Four applications of Computer Grouphics.
	1) Computer Ast. 2) Computer Ast. 3) Presentation Graphics 4) Viscodisation





8]	Define Virtual Reality. List any two advantages of Virtual Reality.
\	advantages of Virtual Reality.
ě	Vistoal Reality:
	It is the computer-generated
	Similation of a SD image or environment
	that can be interacted with in a seeningly
-	ocal or physical way by a person.
	Advadages.
=	Advantages:
	1) It increases user's Knowledge and information
_	1) It increases User's Knowledge and information of It is Innovative and enjoyable.
	the second secon
9]	Describe the rector scan display techniques
	with neat diagram.
7	District the second section of the section of the second section of the section
Sec.	i) In vector Scan, the electron beam
1.75	is directed only to the part of the
	screen where the picture is to be
	drawn rather than scanning from
- 4	left to right and top to bottom as
	in Raster Scan
	ii) Also called on Random-Scan.
	1117 It is also called vector display,
	Classes States and Calling their
	stroke uniting display, or calligraphyic
	display
1	

10] Difference between Virtual and Augmented
Reality. Virtual Reality Augmented Reality 1) Virtual Reality Greater It is mix of Virtual and entitre Virtual World and Road World Lo new world real world real world It as in corporter heavy It add reterant gorphice to create a info. to real Move in environment more in environment Page No.





17]	Define display devices and explain types of display devices in detail
	display devices in detail
9	and the same of th
	Display devices:
1 1	Output device used to represent the information
	Output device used to represent the information
. v	in the form of images. They are mostly
) -	called a video monitor.
	and the second of the second o
	i) Cathode - Ray Tube (CRT)
	ii) liquid Coystal display (ICD)
	iii] Light Emitting Diode (IED)
-,-	ivj Plasma Display
	vJ 3D Display.
	- I what I was a second of the
	i] Cathode-Ray Tube ((RP):
	Tt is technology
12 125	which is used in tradition Computer
rat _{ine}	monitor and telivision.
	and the state of t
	Cathode ray type is a particular type of
Š e	Vaccum tube that display Image when
11	an electron beam collider on the
	sadient sortage.
23	and the second of the second o
= 70	- report of your result - will be a season to be
	Commenced by the state of the s
	The second secon
9 11	Page No.
£ 16	

Saar ii] Liquid Crystal Display (LCD): -1) The LCD depends open the light made properher of liquid Crystal. 2) It generally cooks on Flat panel display technology LCD Consumer les power tran LED. a) The LCD screen uses the liquid crystal to toom or OFF ii] Light Emitting Diode (LEO): 1) LED is a device conich emits when come passee through it.
2) The size of LED is small, so we can easily make any display anit by arranging a large number de LEO's 3) LED Consumor more power compared to IV Plasma display 1) It is a type of Flat panel display which uses ting plasma criss. 2) It is also known the Gas-Discharge doply V] 30 display: 1) It is also called Steamscape display technology The technology is capable of bringing depth perception to viewer. 2) It is used for 30 gaming 4 8 Drage hours



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	Date_/_/_(Saatht)
17)	List various graphics Standard
	1] GKS - Graphical Kernal System
7	3] CORE - ACM-SIGGRAPH
	9 GKS-3D 51 IGES
	6) 0×F
	7] STEP
	9] - VOI (8
	10) VDM
	The state of the s
(8)	List attribute of line Segment and text.
-3	one by a required account a contract of the contract of
	Basic attribute of line segment are:
	J Type
	it) width- all
The said	115) Color
	is not the said of the said of the said to the
	There are many text aptions that can be
01-0	available to graphic programmer
	available to graphic programmer
4	CX;
	17 - Meis York 1
	2) Counter
	3) Time Roman
	45 London, etc.
	in it is been producted in the second of the