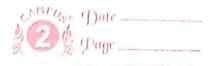


0	Mobile Dalabases & They are expanate from the
	main database and can
	easily be townsported to various places Even
	Mayoh they are not corrected to main
	alalalacre they can chill company cate with the
	though they are not connected to main database to share and exchange data.
	auguste and exchange aute
	Advantages & i) The data in the database can be accessed from anywhere using a
	accessed from anywhere using a
	mobile database. It provides wineless database
	access.
2:)	The database eystems are eynchronized using
	mobile databases and multiple users an
,	acces the data with segmless delivery perocass
0)	acces the date with seamlers delivery perocess. Mobile datebases nequine very little suffort
	and maintenance
	ne mobile database (an be synchronized with multiple devices such as mobiles, computer
	with multiple devices euch as mobiles, computar
No. il	devices, lastos etc.
N .	Disadvantages & i) The mobile data is less secure
	Than data that is storied in
	a Conventional Stationary database This Present
Marine S	a security nazora
(۱۱	The mobile unit that houses a mobile
	database may brequently lose lower because
	of limited battery. This should not lead to
	loss of data in database.
A	
9	Multimedia Databases & They are used to store
	multimedia data such as
	Scanned with CamScanner



	images, animation audio, video along with
	text. This data is stored in the form of
	images, animation, audio, video along with text. This data is stored in the from of multiple file types like . Lxt, . jpg, . mp3 etc
	Challenges Of Multimedia Database & i) Multimedia
	00.4e.halo e
	contains data in large type of twomass
<u>60 f 1</u>	such as tet, jeg, mys, myy etc. It is
	Contains data in large type of fromats Puch as txt, jeg, mp3, mp4 etc. It is difficult to convert one type of data Scenmat to another.
	Dennat to another.
	The multimedia data base regulares a large
	l'a colone muchineella data is quite
	lage and needs to be stoned successfully
00.	The multimedia database requires a large size as the multimedia data is quite large and needs to be stored successfully in the database. It takes a lot of time to process multimedia database.
111)	11 tales a lot of the process
	Muchmedia data so musivisara auques
	is slow
<u>a</u>	Genome Data Management :- i) There is a high amount and range
3	Genome Data Management : 1) mene 1s a high amount and grange
	of vaciability in data. There should be a
. 1	flexibility in biological systems so that it.
	Elexibility in biological systems so that it. can handle data types and values. Placing
	Constraints on data types must be limited
	with such a wide range of Possible dota values. There can be a lass of information
II.	values. There can be a lass of information
,	when there is exclusion of such values.
<u> </u>	mere will be a difference in refresentation
	of the same data by different biologists This
	Can be done even using the same system.
	There is a multiple ways to model any
	Scanned with CamScanner

Date ____

	III W W
	given entity with the results often
	given entity with the nexults often getlecting the facticular focus of the
	ecientist. There should be a linking of
	data elements in a network of schemes
(:::	Access to old values of the late per
111/-	nequired by the users of biological date.
	most often while verifying the legeriously
	most often while verifying the previously grefoorted results. Hence eystern of
	anchives must suffart the changes to
	the values of the date in the database
	Access to both the most precent version
	of data value and it frevious vorsion
	are important in the biological domain.
<u> </u>	
0	Carpenshical Information System & It is harically
	Geographical Information System & It is basically defined as a
<u> </u>	Systematic integration of handware and software from Cafturing, strong, disflaying, updating manifulating and analyzing etatal data GIS an also be
<u> </u>	Colling storing distlaying uldating manifulating
	ad analyzing cratial data GIS an also be
	viewed as an intendisiplinary area that
<u> </u>	viewed as an intendisiplinary area that
521 5	in corrogates trans all the boundary Envisionmental
	as: Remote sensing, motogrammeny,
	in conforates many distinct fields of study such as: Remote Sensing, Photogrammetry, Environmental Science, City Planning and Cognitive Science
	Components & i) Handware and Solhware & Handware .
	710000
16-	device used by end users euch as geraffic
	The start and scarriers.
	al manifulation is some wing a
	and a langer sollable party
	the Processes used to define, store and

Page __

	manifulate the data hence it is alin to Dome
)°)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Main groups and to discrete alial
a)	10.10 10.10 10.10
*	neferesented by foints, lines and folygons Lines
4	are kormed by connecting two or more foints and folygons are closed set of lines vector
	and Jolygons are Closed set of lines vector
	Land Color of Lange of Lange of the Color of
	Como inage surveys and many more.
٤)	Ocales deter is continuous gard of cell in
	two dimension on the equivalent of Cubic
	collo in three dimension. Kaster data are
	divided Conceptually into Categorical and Continuos
	Cources of graster data are adval inger,
	catellite images and scanned maj images.
000)	Por 10 & People are involved in all theses
	of development of a GIS system
3	and in collecting data. They include cartografia
-	eine Rurveyors who create the map and
	everyou the land and the geographical terms
1	They also include eystem users who collect the data to system,
	the data ulload the data to system,
	manifulate the system and analyze the nesult.
	the still it is a specific to the still the st
	and the same of th
	10 1 Day 10 de agres de la company de la com