1	Date:
	OBMS
1	Davidamont #02
_	Assignment #01 BCSF19AS40
	100 St 2011 300
7	Hawan Ali
7	DA C MARCH ACCORD
7	@1: Concussent Access:- Concussent access means
-	when data from one database is being
_	accessed from multiple tocations (nodes) at
<u></u>	
	For example, the data stored
7-	TO CHATTE TO COLOR
-	11-10
-	
-	time. The modes have certain rights
7/	1 1 1 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0
7	
-7-	
7	
	some control obberations so that
1	
<u></u>	
1	unaffected.
-6-	6)2: Data Administration:-
1	Database administration
1	means that DBA has to ensure that
0	database is always available. Some
<u> </u>	secondary tasks are also a part
7 -	of database administration as briefed
1-	nect.
E	
1	

Datc.
> Security:-
Sparsity xoless to the travelentime
Tada of data Imm unauthorized
access. DB-administration involves fortifying
to example (D) cat VIVI can
only be accessed by envolved students,
staff members and DBA.
-> Tunning:-
(1 T) vallage + abligation
al Iddalman to look of ballerman
flawbers. It includes query tunning,
memory allocation, file fragmentation,
and disk space management.
and ousse sprice management.
-> Backup & Recovery:-
DBA ensures the quality.
backub of data in database and
if its lost from host, could be recovered
from backup. Backup can be full or
selective depending upon sensitivity
of information.
OF OF OUT INSCIPLINA
Roberts.
To access data of to generate
reports, queries are made to database
which are also handled under the
database administration.
THE MENTING MAINTING

93	Date:
Database:-	
A	le is an organized
	generally stored
and accessed electra	ortically from a
computer system.	
There are	several syclems
available for ma	. / / / /
one example of	it U is CMS of
PUCIT. MYSQL, ONE	che database.
MS Access ets all of	her midely used
DISIVIS.	PO 1 Pollous: 0
A database of	ffers following
controls over the c	lata.
-> Access	
-> MODITY	
-) Detete	·
-> Update	9 \ 1
-> Backup & recove	27
(44)	
@ BU: Database Syste	MI:-
	Jutabuse system
OR DBMS is a	computer system
that serves as	a medium of
interaction betw	een user and
data in the dat	abase.
A DBM's manges	organizes, and
Preserves data and perform actions on	authorized users can
bestern actions on	it-
10 your old the	

Dat	e:
QS: DBA:-	4
Database Administrate	W (DDA)
is the person who holds se	iber E
uses rights over the databas	e. He
administers the database and	docines
rights for other moss A DE	A
sights for other users. A DE service of data database as well.	
makes and coolers of date	300
database as well	
may as war.	
B6: Integration:	
Data integration	mound
to combine data from differen	A
Speekers into a unified view. The	Q '
goal of this process is to e	muse
Sources into a unified view. The goal of this process is to e consistant access and delivery	of (
- data.	i Tage
	7
- 07: Integrity:	
Data integrity refers	to
the accuracy and consistancy of	data
stored in database. It includes maintanance of database and in a ness and reliability of data in a	the
maintangace of database and i	omblete-
ness and reliability of data in a	latabase
- 08: Pessistent data:-	
It is the at	tribute
- in DBNIS Which is not treaud	n#14
account of madified. It can be	· ICT
as permanent information. For example CNIC of a person in NADRA	mble.
- the 'CNIC of a person in NADRA	I'S DRIVAC
	DOVIO

$O(\alpha \alpha)$	Date:
39: Redundancy:	
Redundan	M
In DRMS adata radio	cy means repeatition nagncy means that
same data in bronen	hagney means that
	Continue times
Of database as a	ffects the quality
unacticle po and in	latabase becomes
unseliable and incor	wistant.
M. Comerte	
@ 10: Sequeity:-	
	ccurity means to
protect the data to	bel accessed
by unauthorized use	is. Database is
to be fostyfied for	guthosized users
	S at PUCIT is
onby accessible by	students, teachers
and DBA.	
OII: Sharing:	
	sing means to
make the data avail	Parto for uses
make the data availand for scholarly he	Leasen Duspases.
011101 - 102 000000 1100	1300000 1000/0303
@12: Data Dictionary:-	
(312: 9070 (310710); 1:- TL	bouider interesting
aland la	provides information
about database. Juch	01/3
in the database, who	se is data stosed,
who can access data	and w what
extent.	

Scanned with CamScanner

	Date:
313: Distributed Database:-	
- O Whibut	ed database
means to store data at mu	ltippe ==
tocalions. The data is physic	ally
stored on different bocations	but ;
appear to users as a single	clatabase.
V	
314: DDL:-	A- ala
Stands for Data D	efinition
Language. It is a syntax o	of creating
and modifying database obje	
on Tabler (lendicer and USE)	80 · 16
like a computer language for Some commands are "CREA	database TE ALTER
Some commands are offere	It, ALIEK,
DROP" etc.	200
	And the second
Q15: DML:-	1
Stands for Data M	aniparation
language. It is used to	Deform
certain opperations on do	ta like
adding data, setvieving date	, upaating
os bleleting data.	ı U
	A Shell of the