

-1-

NAME	ADNAN KHAN
ID	14837
DEPARTMENT	BSCS
PAPER	DATABASE
SEMESTER	4 th

Q1

1) Candidate Keys:-

ID NAME and cell
are the candidate keys in given
Figure.

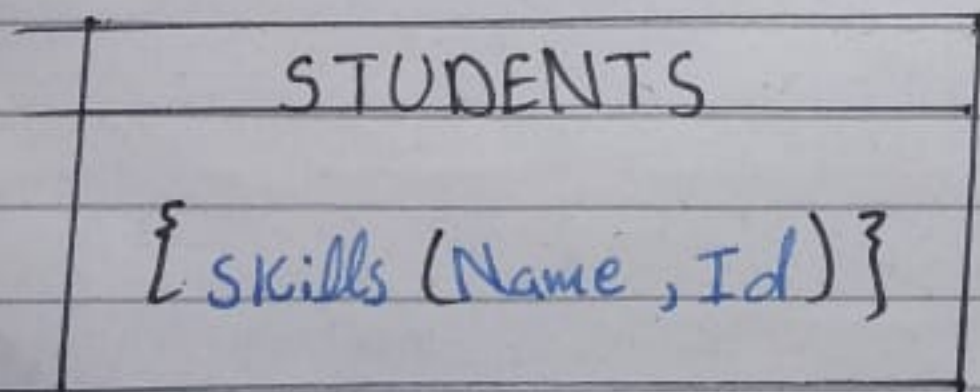
2) Data Integrity:-

Data integrity refers to
accuracy and consistency of data
over its life cycle.

Data Redundancy:-

Data redundancy is a
data storage technology in which
the same piece of data is
held into two separate places

3) Multivalued composite Attribute:-



Multivalued composite attribute.

4) Reduced maintenance:-

Maintenance in database have little or no effect on the database application. They reducing the maintenance costs.

5) ER diagram:-

—# □ → Mandatory one

+< □ → Mandatory many

-o □ → optional one

-o< □ → optional many

6) Need of Backup:-

Because for a centralized shared database to be accurate and available all times.

OR

Its a way to protecting and restoring files.

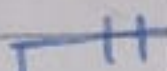
∴ 3:-

Art work

Artist

PK	Artist Name
	Birthplace
	Age
	style of Art

PK	Artist
	Year
	title
	type of Art
	Price

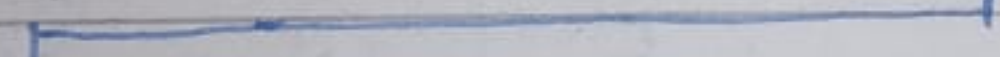


GROUPS

PK	Portraits
	still life
	work by Picasso
	work of art

customers

PK	Name
	Address
	amount
	Artist
	groups



STUDENT

std-Id	std-Name	std-addr
14837	Adnan Khan	OIK
14782	Mazin	Peshawar
15890	Ali	Mardan

SEAT

Seat-No	Seat-Position
1	left
5	center
8	right corner

takers

COURSE NAME	COURSE NUMBER
data base	11A5
statistic	1B2D
English	22BB

CLASS

COURSE NAME	section No	no-regist-ered	classs Data time
Data base	A	1470	22 8:00am
statistic	B	1590	23 10:00 am
English	A	1399	27 2:00 am

