

NAME	M. Amir
Id	14633
Department	Bscs
Paper	Database
Semester	4 <sup>th</sup>

Q1

1) Candidate keys:-

ID, NAME and cell  
are the candidate keys in  
given figure.

2) Data Integrity:-

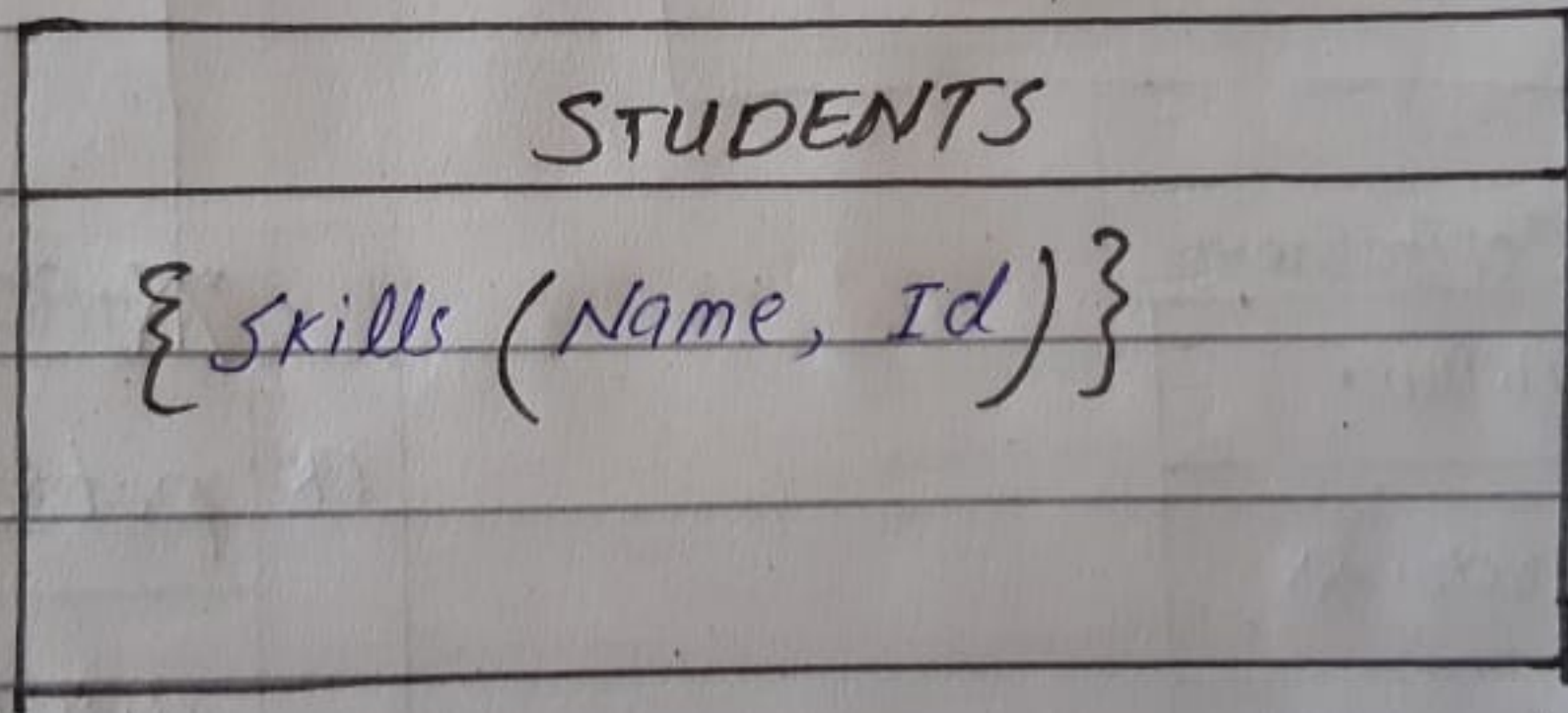
Data integrity refers to  
accuracy and consistency of data  
over its life cycle.

~~Data Redundancy~~:-

Data Redundancy:-

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

3) Multivalued Composite Attribute :-

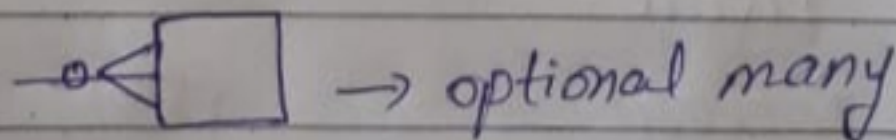
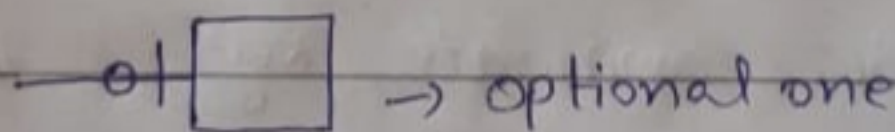
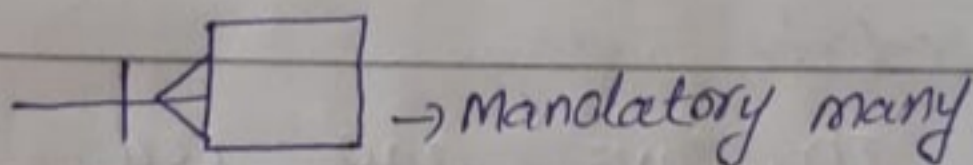
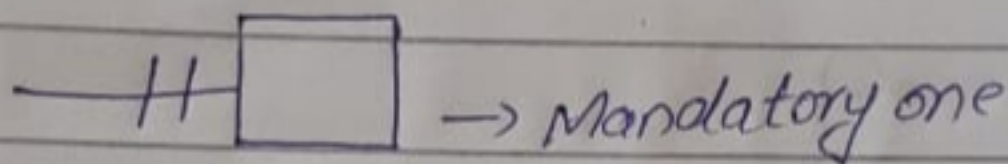


Multivalued composite attribute.

#### 4) Reduced maintenance :-

Maintenance in Database have little or no effect on the Database application, Thus reducing the maintenance costs.

#### 5) ER diagram :-



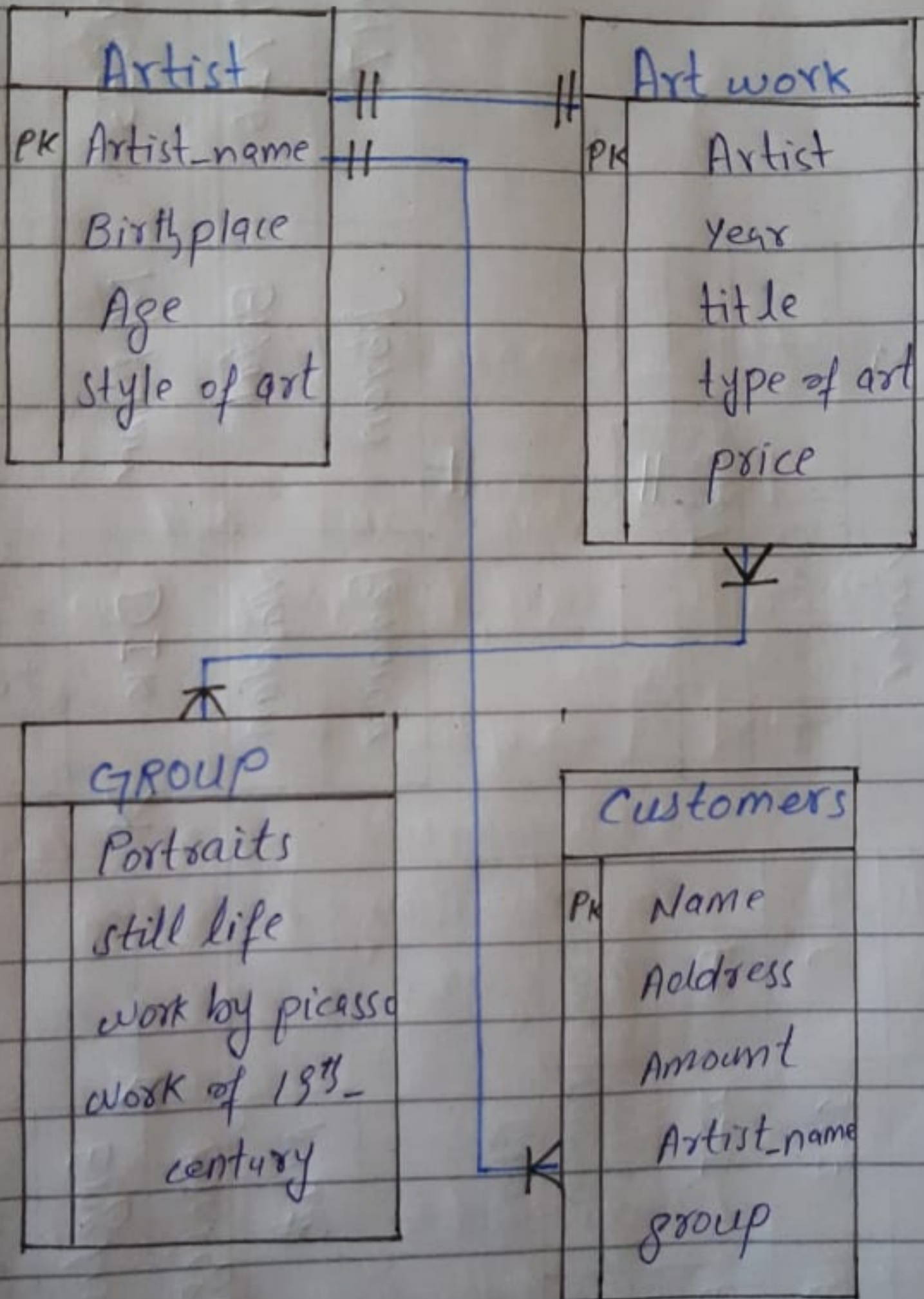
#### 6) Need of Backup :-

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

OR

It's a way to protecting & restoring files.

# Q.2



Q.3

**STUDENTS**

Student_Id	Student_name	Student_address
14633	M. Amir	DIK
14726	Bilal	Mardan
14472	Jibran	Pshawar

**SEAT**

Seat-no	Seat-position
5	center
2	left corner



**COURSE**

Course_name	Course_Number
English	F2A7
Biology	0L2B
Maths	ASF2

**Class**

Section-no	Number-registered	Course-name	Class-Date-time
B	225	English	22/06/20 8:00am
C	117	Biology	23/06/20 10:00am
A	322	Maths	25/06/20 2:00 PM

