

Date:...../...../20.....

M T W T F S

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IO :- 14518

SEC :- A

INSTRUCTOR :- RIMSHA KHAN

Ques-1 Ans-1) The following attribute in table which is a candidate key is the ID numbers of the person.

Ans-2) Data Redundancy:- Storing of same data unnecessarily at different places called data redundancy. Data inconsistency is another name of data redundancy.

Data redundancy results in anomalies, which refer to the abnormalities when occur all changes in data redundant are not made correctly. There may be

- 1) Update anomalies
- 2) Insertion anomalies
- 3) Deletion anomalies

Data redundancy means the reliability and accuracy of data integrity.

DATA INTEGRITY:- Data integrity mean the reliability & accuracy of data. Data integrity rules all

designed to keep the data consistent & correct.

The rule act like a check on incoming data.

It is very important that a database maintains a quality of data stored in it.

Ans 3 c)

Most attributes are atomic attributes. Multivalued

a multivalued attribute may have one or more values for

a particular entity. A typical example of composite attribute

is a person's address which is composed of atomic

attributes, such as city, zip & street.

Ans 1 d)

Maintenance in Database has little or no effect

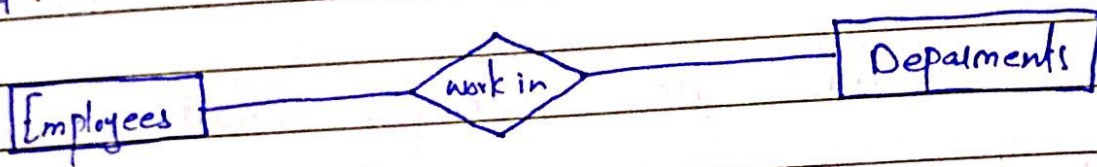
on the Database Application thus reducing the

maintenance cost. In database the reducing or

the database application reducing the cost.

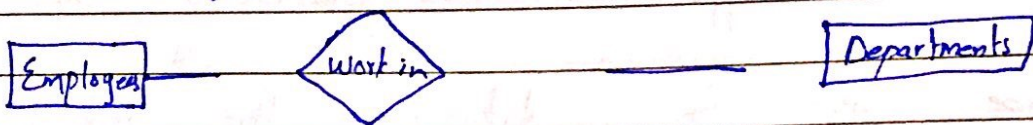
of maintenance -

Ans 1 e) Mandatory ONE:-
 Relationship exist when zero or one
 entity can be associated with zero or one
 instance of entity B & zero or one instance of entity
 A.



MANDATORY MANY:-

An relationship database exist when
 one to many exist. for one instance of entity
 A there exist zero, one, or many instance if entity
 for one instance of entity B, there exists zero or
 one entity A.



OPTIONAL One:-

at member of staff does not have
 to be placed in a department, but all
 department's must have at least in the staff



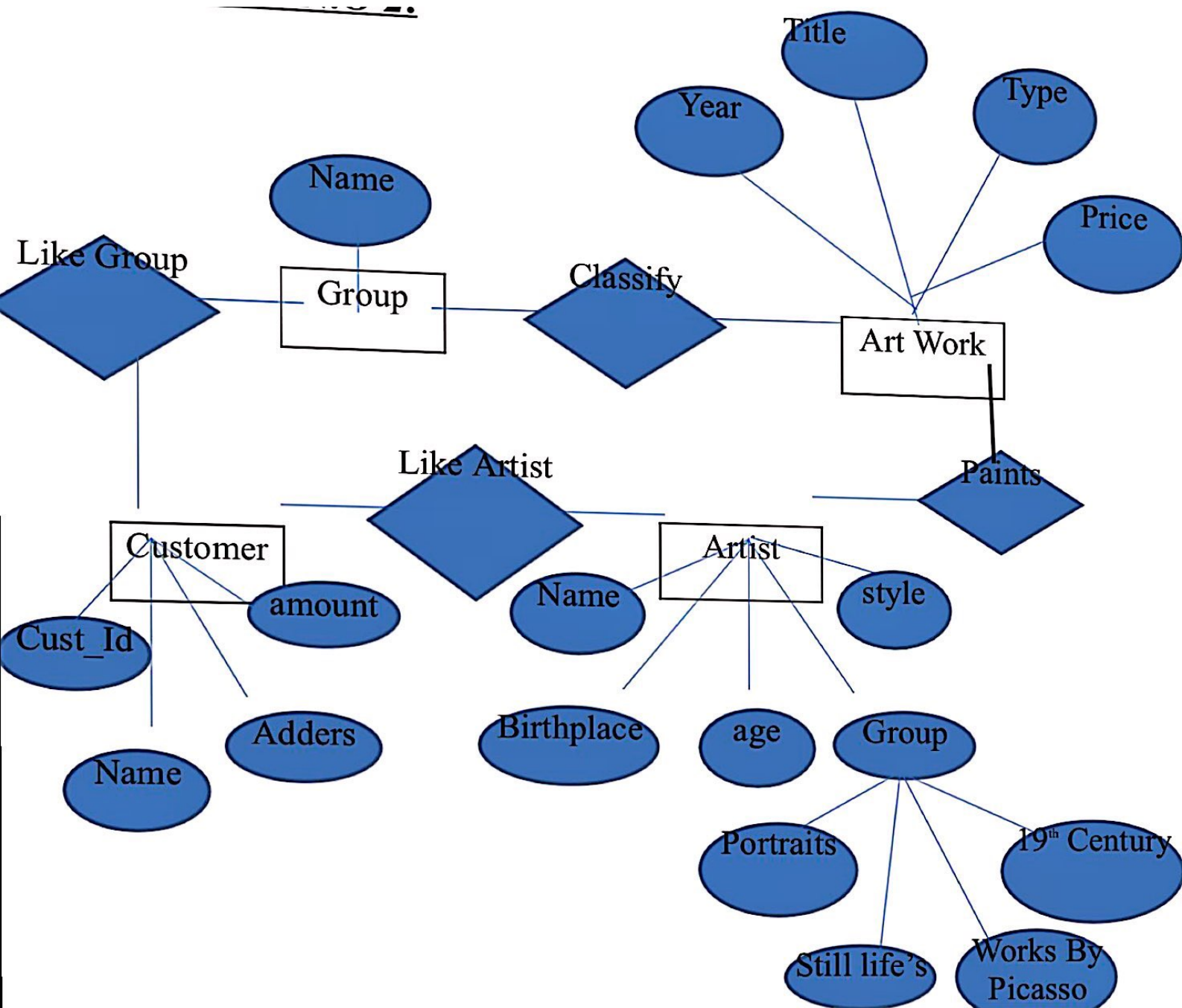
OPTIONAL MANY:-

A performer might have one or more bookings. A booking might be associated with a performer.



Ans 1 d)

A shared database must be accurate at all times. This requires that comprehensive procedure be developed & used for providing backups copies of data & for restoring a database. When damage occurs. These considerations have required increase urgency in today's security-conscious environment. A modern database management system normally automates many more of the backup & recovery tasks than a file system.



Student		
Id	Name	Addr

Course	
Course Num	Course Sect



Seat	
Course Name	Course Position



CLASS					
Course Name	Sec Num	Mon Reg	Class Timetable		
			Date	Time	Class