

TALHA HAMEED

ID:-14526

PL1

BS(SE) (X)

QUESTION NO:- (1)

PART (a)

ANSWER:-

CANDIDATE KEY:-

The combination of an attribute or set of columns in the proper table that can easily identify is called candidate key.

In the given table the id of the student and cell number of the student is the candidate key because the ID and cell number easily

Q:- (1)  
PART (b)

ANSWER:-

The main difference between the data integrity and data redundancy is that data integrity is the process of ensuring that the data is accurate and consistent over its whole life cycle while data redundancy is a condition that can cause the same piece of data to be stored in multiple places of a database or a storage device.

Q:- (1)

PART :- 3

ANSWER:-ER-MODEL:-

The ER model define the conceptual view of database, physical database but there value are derived from other attributes present in the data base, attributes

Composite Single-Value attributes  
 Composite multi-valued attributes  
 Binary = degree 2, Ternary = degree 3  
 n-ary = degree - - -

P(4)

Que NO:- (1)

PART (4)

Ans:-

Reduce Maintenance :-

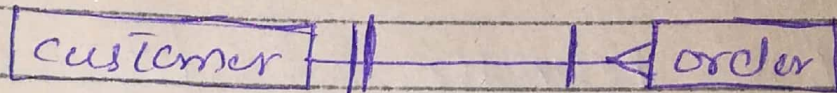
Maintenance in  
data base approach have  
little or not effect on the  
database Application thus  
reducing the maintenance  
cost.

Que No:- (1)

PART 5:-

ANSWER:-

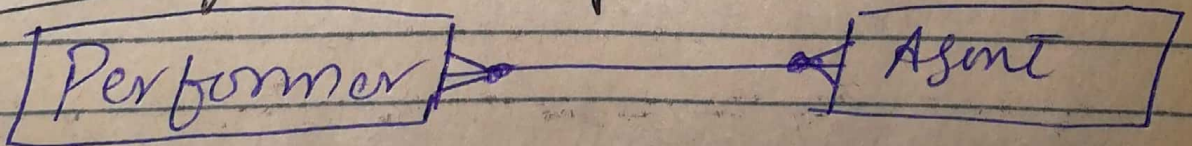
Mandatory:-



\* One customer has made at least one order.

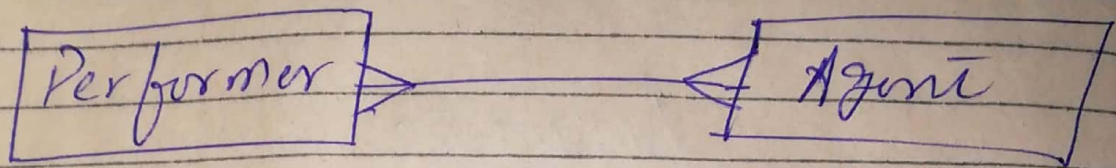
\* One order is only for one customer.

Mandatory to many:-



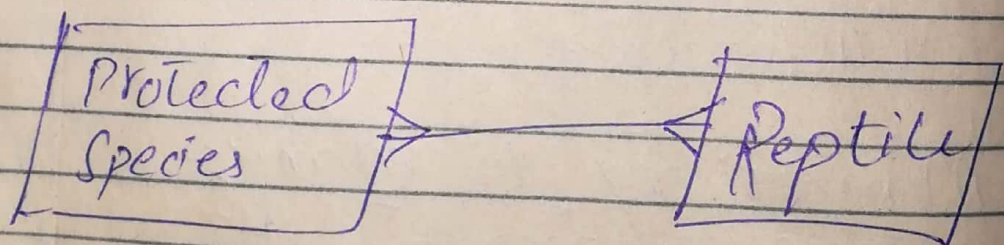
In this example all performer must be represented by agent

OPTIONAL for many:-



We could imagine a situation where each performer could be represented by a number of different agent.

OPTION for one:-



One protected species record may be for none, one or many kept reptiles.

One reptile may or may not have protected species record

P(7)

QOE NO. - 8(1)

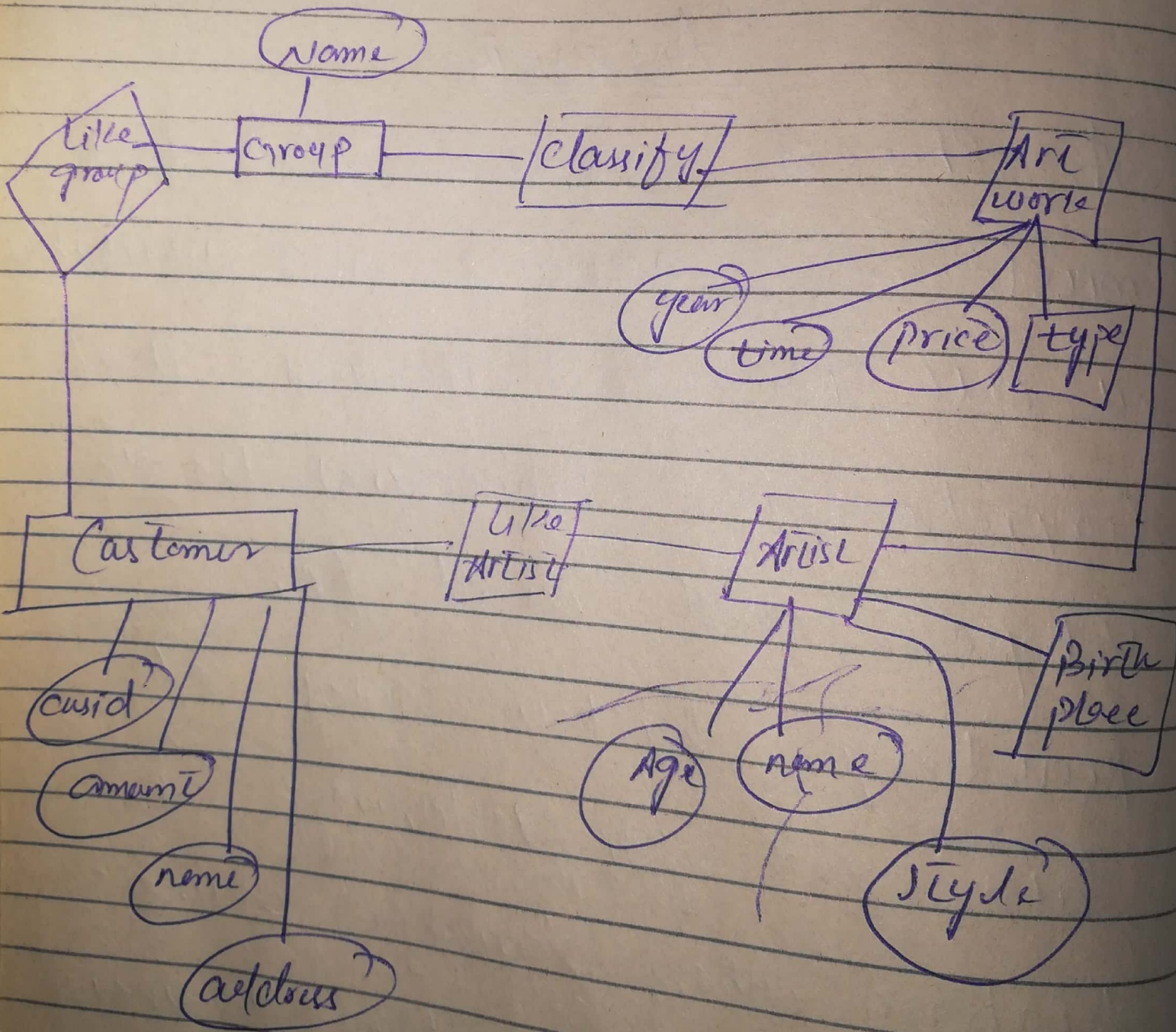
PART (6)

ANSWER:-

A Shared corporate data base must be accurate and available at all time. This requires that comprehensive procedures be developed and used for providing backup copies of data and for restoring a database when damage occur.

These consideration have increased urgency in today's tomor security conscious environment.

# QUESTION NO:- 2





# QUESTION No:- 3

STUDENT		
ID	NAME	ADDRE

COURSE	
Name	Adel



SEAT	
Seat No	Seat Position

CLASS			
course name	Sec num	num reg	Time table time/date/class

