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|----------|-----------------|
| NAME | M. Bilal |
| ID | 14726 |
| Paper | Database System |
| Dept | BSc (cs) |
| Semester | 4th |

Q1

1) Candidate Keys:

The Candidate Keys $\{$ ID, Name $\}$ are given by.

Q2 Part 2

Ans:-

Data Redundancy:-

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

Data Integritys-

refers to
of data

accuracy
over it

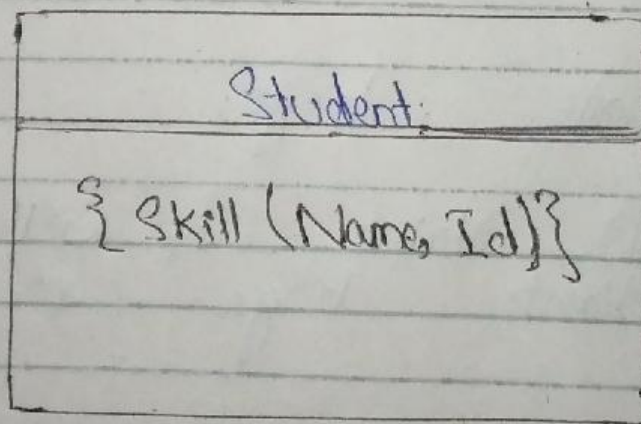
Data
if

Integrity
Consistency
cycle.

Q1 Part 3

Ans:-

Multivalued Composite Attribute.

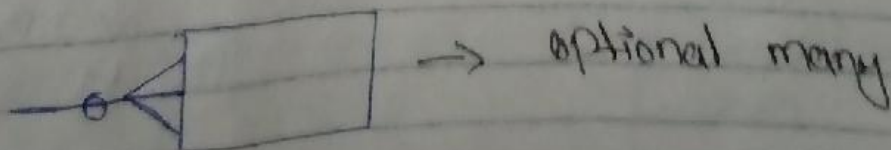
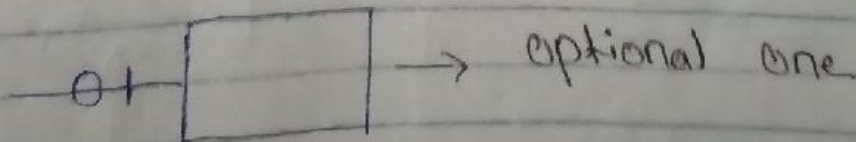
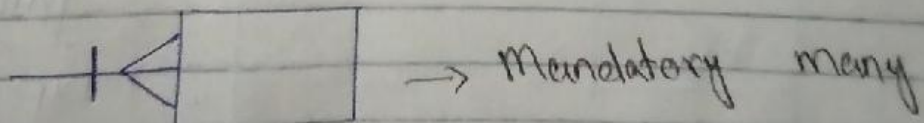
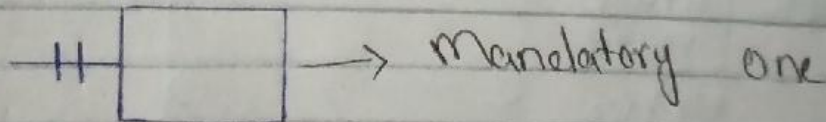


Q1
Part 4

Ans:-

Because its cuts down on the subsequent need for the maintenance. Maintenance in database database have a little or no effect on the database application, they are reducing the maintenance costs.

Q1
Part 5
Ans:-



Q1

Part 6)

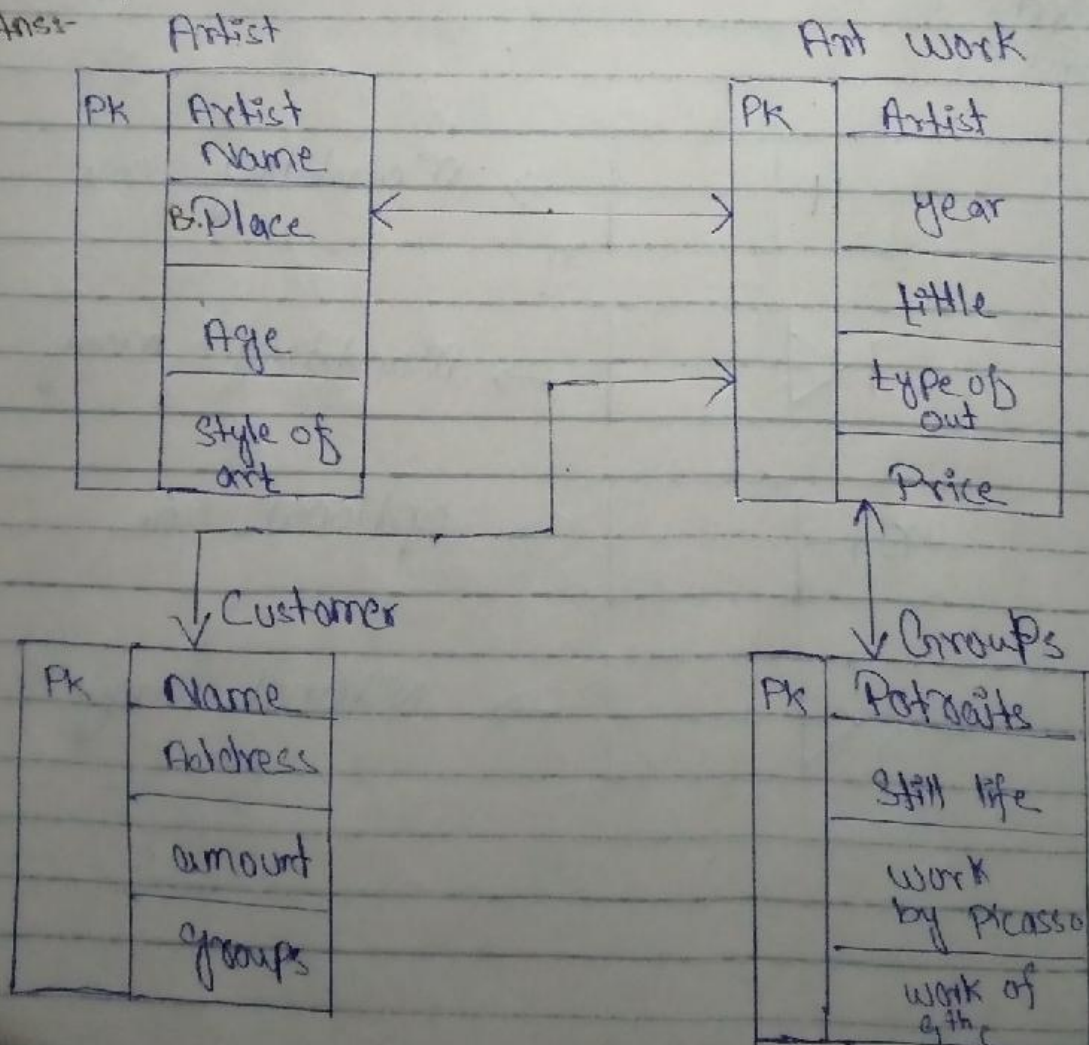
Ans:-

Because for a centralized shared data base to be accurate & available all time.

Data base backup is the process of backing up the operational state, architecture & stored data of data base software.

Q2

Ans:-



Q No # 3

Student

| Student ID | Name | Address |
|------------|----------|---------|
| 1345 | Eshab | Murree |
| 1235 | Yousaf | Kabam |
| 9321 | Abdullah | Suwat |
| 1421 | Zain | Pesh |

| Seat | Seat position |
|------|---------------|
| 4 | left side |
| 8 | Right side |
| 9 | Centre |
| 12 | Left side |

Course

| Course Name | Course code |
|-------------|-------------|
| Computer | F20 |
| Web design | G30 |
| ms. office | N911 |
| web site | B40 |

takes

Class

| Course Name | Section | register No | Classs check time |
|-------------|---------|-------------|-------------------|
| Computer | A | 1024C | 20 - 1:00PM |
| web design | D | 9160A | 10 - 5:00PM |
| ms. office | B | 8900B | 15 - 7:00PM |
| web site | C | 9988D | 25 - 9:00PM |