



INDIAN SCHOOL AL WADI AL KABIR
Question Bank – Mid Term Examination 2020

Class: X

Computer Science

Note: Answers should be written in A4 size sheet paper and filed.

I) FILL IN THE BLANKS:

- 1) RDBMS stands for _____.
- 2) A _____ is a collection of tables.
- 3) A _____ is a matrix with data.
- 4) SQL stands for _____.
- 5) _____ command is used to list all the databases you have stored.
- 6) _____ command is used to list the stored tables in a database.
- 7) _____ command is used to open a database.

II) MATCH THE FOLLOWING:

Data Type	Description
1. CHARACTER(n)	a) Stores TRUE or FALSE values.
2. VARCHAR(n).	b) Stores year, month, and day values.
3. BOOLEAN	c) Stores Variable length String.
4. SMALLINT	d) Stores Fixed Length Character string.
5. DECIMAL(p,s)	e) Stores Numerical Integer of Precision 10
6. DATE	f) Stores Decimal values.
7. INTEGER	g) Stores Numerical Integer of Precision 5

III) ANSWER THE FOLLOWING:

1. Define : Database.
2. Define: DBMS.
3. What do you mean by a Table?
4. What is a column in a table?
5. What is a row in a table?
6. Write any four functions of SQL.
7. Write any two reasons why MySQL become popular.

IV) WRITE MY SQL QUERIES FOR THE FOLLOWING TABLES:

a) Write MySQL Queries for the following Student Table.

1. Create the table Student with the above description and insert at least 2 records.

RollNo - int(3)
Name - varchar(20)
Class - varchar(10)
Gender - varchar(8)
Mark - int(3)

2. Display the structure of the table Student.
3. Display all the details.
4. Display the roll number and name of the student who scored mark less than 50.
5. Display the details of all 'Female' Students.
6. Display the total and average mark in the class.

b) Write MySQL Queries for the following Employee Table.

1. Create the table Employee with the above description and insert at least 2 records.

Empcode - int(3)
EmpName - varchar(30)
Department - varchar(15)
Salary - float(8,2)
Bonus - float(7,2)

2. Display the employee code, name and department of all employees.
 3. Display the name of employee who is earning salary more than 500.
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4. Display the details of employee who are working in the department 'Marketing'.
5. Display the details of employee whose employee code is 28.
6. Display the maximum and minimum salary of employee.

c) Write MySQL Queries for the following Bill Table.

1. Create the table Bill with the above description and insert at least 2 records.

Billcode - varchar(10)

CustomerName - varchar(25)

BillAmount - float(7,2)

Discount - float(6,2)

NetAmount - float(7,2)

2. Display the name and bill amount of the customer whose bill amount is more than 100.
3. Display the details of the customer with the bill code 'b15'.
4. Display the details of the customer with then name 'John'.
5. Display the details of the customer whose net bill amount is between 250 and 500.
6. Display the total number of customers in the table.