ROLL NUMBER				

INDIAN SCHOOL MUSCAT

SECOND PERIODIC TEST

INFORMATION TECHNOLOGY

CLASS: XII   Sub. Code: 802   Time Allotted: 50mts.

26.05.2022   Max. Marks: 20

GENERAL INSTRUCTIONS:

- **All questions are compulsory.**

1. What do you mean by ORDER BY clause in MySQL? Explain.   2

2. Consider the **Employee** table shown below and write the correct MySQL   8x1 = 8
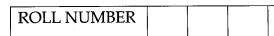   statements for the questions i) to viii).

Table: Employee

EMPNO	NAME	DEPT	SALARY
1002	Varun	Sales	30000
1003	Deepankar	Accounts	34000
1004	Krishnan	Sales	25000
1005	Abdul	Stores	38000
1006	Arun	Production	35000

i) To display the structure of the table Employee.
ii) To display the various departments from the table.
iii) To add a column bonus of data type decimal(8,2).
iv) To compute the bonus as 20% of the salary.
v) To display the names of the employees whose salary is in the range 20,000 – 50,000.
vi) To display the names of the employees whose name is starting with letter 'A'.
vii) To change the data type of Dept to 12 characters.
viii) To delete the details of the employees from Sales department.

3. Explain any 2 aggregate functions used in MySQL.   2

4. What is the use of DISTINCT keyword in MySQL?   2

5. Abhinav want to insert a row in the table SPORTS having the columns sid,   2
    sname, cname, teamno. The values to be inserted in the row are S001, Cricket,
    Vijay, 10. Help Abhinav to write the correct MySQL statement to insert the
    above values to the table SPORTS.

6. How the pattern matching is done in MySQL? Explain.   2

7. What do you mean by GROUP BY clause in MySQL? Explain.   2

End of the question paper

INDIAN SCHOOL MUSCAT

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GENERAL INSTRUCTIONS:

- **All questions are compulsory.**

1. Explain any 2 aggregate functions used in MySQL.   2

2. Consider the **Worker** table shown below and write the correct MySQL   8x1 = 8
statements for the questions i) to viii).

Table: Worker

WNO	NAME	DEPT	SALARY
101	Sunil	Logistics	10000
102	Vinod	Sales	20000
103	Abhishek	Accounts	25000
104	Bipin	Accounts	30000
105	Zaheer	Inventory	35000

i) To display the content of the table Worker.
ii) To display the various departments from the table.
iii) To add a column bonus of data type decimal(10,2).
iv) To compute the bonus as 10% of the salary.
v) To display the names of the workers whose salary is in the range 10,000 – 25,000.
vi) To display the names of the workers whose name is starting with letter 'D'.
vii) To change the data type of Dept to 15 characters.
viii) To delete the details of the workers from Accounts department.

3. What do you mean by ORDER BY clause in MySQL? Explain. 2

4. How the pattern matching is done in MySQL? 2

5. What do you mean by GROUP BY clause in MySQL? Explain. 2

6. What is the use of DISTINCT keyword in MySQL? 2

7. Aneesha want to insert a row in the table COACH having the columns cid, 2
   cname, salary, address. The values to be inserted in the row are C010, Hassan,
   1000, Muttrah. Help Aneesha to write the correct MySQL statement to insert the
   above values to the table COACH.

End of the question paper

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INFORMATION TECHNOLOGY

CLASS: XII   Sub. Code: 802   Time Allotted: 50mts.

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GENERAL INSTRUCTIONS:

- **All questions are compulsory.**

1. What is the use of DISTINCT keyword in MySQL?   2

2. Consider the **Trainer** table shown below and write the correct MySQL   8x1 = 8
    statements for the questions i) to viii).

Table: Trainer

TNO	NAME	SPORTS	SALARY
T01	Anita	Athletics	9000
T02	Bijoy	Basketball	10000
T03	Calwin	Football	15000
T04	Sudeesh	Cricket	17000
T05	Pranav	Football	16000

i)   To display the content of the table Trainer.
ii) To display the various sports from the table.
iii) To add a column bonus of data type decimal(9,2).
iv) To compute the bonus as 15% of the salary.
v)   To display the tno and name of the trainers whose salary is in the range
     9,000 – 15,000.
vi) To display the names of the trainers whose name is starting with letter 'C'.
vii) To change the data type of Sports to 20 characters.
viii) To delete the details of the trainers whose sports is basketball.

3. What do you mean by GROUP BY clause in MySQL? Explain.   2

4. How the pattern matching is done in MySQL? Explain.   2

5. What do you mean by ORDER BY clause in MySQL? Explain.   2

6. Explain any 2 aggregate functions used in MySQL.   2

7. Vinod want to insert a row in the table GYM having the columns gid, name, fee,   2
    category. The values to be inserted in the row are G001, Subash, 2000, Golden
    Membership. Help Vinod to write the correct MySQL statement to insert the
    above values to the table GYM.

End of the question paper