



INDIAN SCHOOL MUSCAT

SECOND PERIODIC TEST

INFORMATION TECHNOLOGY (802)



CLASS: XII

MAX. MARKS: 20

DATE: 05-05-2021

TIME ALLOWED: 40 MINUTES

INSTRUCTIONS: Answer all questions
Write neatly.

1. The _____ clause can be used in a SELECT statement to collect data across multiple records and group the results by one or more columns in MySQL 1

2. Which keyword is used to get the number of entries from table in MySQL? 1

- A. GROUP BY
- B. COUNT(*)
- C. ORDER BY
- D. COLUMNS(*)

3. Operator used to select data in a given range is in MySQL: 1

- A. RANGE
- B. WITHIN
- C. INSIDE
- D. BETWEEN

4. What do mean by an attribute? 1

5. What is the cardinality and degree of the following table? 1

Table: EMPLOYEE

ECODE	ENAME	PLACE	DEPT
E101	VINAY SHARMA	MUMBAI	ACCOUNTS
E102	ABHIJIT SAVANT	PUNE	LOGISTICS
E103	SUNIL RATHOD	THANE	PRODUCTION
E104	PUNIT JAIN	MUMBAI	LOGISTICS

6. Write any two advantages of using DBMS. 1

7. Consider the table Student having fields (Rollno, Name, Marks) : 2

Write the SQL query to perform the following :

- (i) To find the minimum marks from the table “Student”
- (ii) To count the names beginning with ‘A’ from the table “Student”

8. Consider the following Table and write the MySQL commands for the following question.

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Table : ITEM

ICode	IName	Price	Quantity
101	Book	250	30
102	Copy	30	15
103	Bag	270	30
104	Lunch Box	130	20
105	Water Bottle	220	30

- i) To display the Item Name and Price of all items whose Quantity is more than 40.
- ii) To display IName and Price in the descending order of price.

9. Consider the ITEM table in question no:8 and write the output for the following queries:

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- i) `SELECT ICODE, Quantity FROM ITEM WHERE INAME LIKE "%Bo%" ;`
- ii) `SELECT SUM(PRICE) FROM ITEM WHERE Quantity > 20 ;`

10. Explain Drop table with Cascade command.

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11. What is the difference between Primary Key and Candidate Key?

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12. Illustrate any two DML commands with the help of suitable example.

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13. Vinod has given the following query, he is unable to run due to errors, rectify the errors these queries and underline the correction made:

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- i) Select unique department from employee ;
- ii) Select name, salary from employee where phone = Null ;

End of the Question Paper