SRI RAMAJAYAM GLOBAL SENIOR SECONDARY CBSE SCHOOL
UNIT-3 (Chapter-11)
RELATIONAL DATABASE (26.01.2022)

STD: XII   **TIME: 90 Minutes**

SUBJECT: COMPUTER SCIENCE   **TOTAL MARKS: 35**

General Instructions:

The question paper is divided into 3 sections – A, B and C

- ✓ Section A, consists of 7 questions (1-7). Each question carries 2 marks.
- ✓ Section B, consists of 3 questions (8-10). Each question carries 3 marks.
- ✓ Section C, consists of 3 questions (11-13). Each question carries 4 marks.

<table>
<tr><td colspan="4" align="center">SECTION-A
Each question carries 2 marks</td></tr>
<tr><th>Q. No</th><th>Part No.</th><th>Question</th><th>Marks</th></tr>
<tr><td>1</td><td></td><td>What do you understand by MySQL Server & MySQL Client?</td><td>2</td></tr>
<tr><td>2</td><td></td><td>Write some common Relational Database Management System?</td><td>2</td></tr>
<tr><td>3</td><td></td><td>What are views? How are they useful?</td><td>2</td></tr>
<tr><td>4</td><td>
i
ii</td><td>Define the following terms:
Tuple
Cardinality</td><td>
1
1</td></tr>
<tr><td>5</td><td></td><td>What is the importance of a primary key in a table?</td><td>2</td></tr>
<tr><td>6</td><td>
i
ii
iii
iv</td><td>Write the full forms of the following abbreviations.
DDL
DML
TCL
SQL</td><td>
½
½
½
½</td></tr>
<tr><td>7</td><td></td><td>What is database system? Give any two examples.</td><td>2</td></tr>
</table>

SECTION – B

Each question carries 3 marks

8	i	Difference between DDL & DML commands.	**2**
	ii	Explain the terms: a) Degree b) Domain	**½ + ½**
9		What is the purpose of using MySQL? Explain.	**3**
10	i	What are the different categories of commands avaliable in SQL?	**1 ½**
	ii	What is data Redudancy? Give Example.	**1 ½**

SECTION-C
Each question carries 4 marks

11		Define the following terms:
		    a) Primary key
		    b) Candidate key
		    c) Alternate key
		    d) Foreign key
			1
			1
			1
			1

12		Explain about some of the key features of MySQL.	**4**
13		Fill in the box.	**1** **1** **1** **1**

		2.		
1.				

SalesmanNumber	First Name	Surname	Sales made	Target
EA-01	VINEET	ARORA	25000	29000
EA-05	SUNILA	LUNA	16000	20000
EA-12	KAPIL	KUMAR	23000	21000
NO-10	BHUPESH	ARORA	15000	15000
NO-11	SHILPI	SINGH	18000	16000
NO-32	SANDEEP	SETHI	51000	50000
SO-09	SUBHASH	KUMAR	22000	20000
SO-11	ANAND	SWAMI	25000	25000
SO-17	VENKET	SWAMI	19000	20000
WE-17	VIJAY	SHAH	33000	32000
WE-19	ANUJ	SHARMA	17000	25000
WE-21	VANDANA	PAHWA	18000	18000

3.   Requires 5 bytes

See, primary key field has unique value for each row.

Requires 4 bytes

4.

All the Best..!