

CLASS XI
INFORMATICS PRACTICES
SQL Assignment

Q1. Define RDBMS. 1

Q.2 What are the characteristics of MySql ? 1

Q 3. Create a table -VOTER with following structure and Insert at least four rows into it. 2

Filed name Data Type/size

Vno Integer(4)

Vname Varchar(30)

Age Integer

Address Varchar(30)

Phone char(10)

Q.4 Differentiate between insert into and select statement with example. 2

Q 5 6

Write SQL commands for (1) to (4) and write output for (5) on the basis of PRODUCTS relation given below:

Table: Product

| PCODE | PNAME | COMPANY | PRICE | STOCK | MANUFACTURE | WARRANTY |
|-------|----------|---------|-------|-------|-------------|----------|
| P001 | TV | BPL | 10000 | 200 | 12-Jan-2018 | 3 |
| P002 | TV | SONY | 12000 | 150 | 23-Mar-2017 | 4 |
| P003 | PC | LENOVO | 39000 | 100 | 09-Apr-2018 | 2 |
| P004 | PC | COMPAQ | 38000 | 120 | 20-Jun-2019 | 2 |
| P005 | HANDYCAM | SONY | 18000 | 250 | 23-Mar-2017 | 3 |

1-To show details of all PCs with stock more than 110.

2-To list the company which gives warranty of more than 2 years.

3 To display product names without repetition.

4 To display records whose price is in the range 10000 to 20000

5. SELECT PNAME,PRICE FROM PRODUCT WHERE WARRANTY IN (3,4) ;

6 SELECT * FROM PRODUCT WHERE COMPANY LIKE '%Y%';