

Class: XI; Subject: Informatics Practices

Q.1 Define following terms in RDBMS. (2)

- a) Degree b) Cardinality c) Primary Key d) Alternate Key

Q.2 Write any four characteristics of My Sql. (2)

Q.3 Which operator is used for comparing (2)

- a) Pattern b) Null value c) Ranges d) List of values

Q.4 Differentiate char and varchar data type in MySQL. (2)

Q.5 Find error in given query and rewrite corrected query. (2)

a) SELECT * FROM EMPL WHERE ENAME= ANAND;

b) SELECT ENAME FROM EMPL WEHERE SAL=<3000;

Q.6 a) Consider the table supplier given below. Write output for (i) to (v). (1x5)

TABLE: Supplier

Scode	Pname	Supname	Qty	City	Price
101	Coffee	Nestle	200	Kolkata	55.00
102	Biscuit	Hide & seek	100	Delhi	10.00
103	Jam	Kissan	110	Kolkata	25.00
104	Magi	Nestle	150	Mumbai	10.00
105	Chocolate	Cadbury	170	Delhi	25.00
106	Sauce	Magi	56	Mumbai	55.00
107	Cake	Britannia	72	Delhi	Null

i) SELECT PNAME FROM SUPPLIER WHERE CITY LIKE '%E%';

ii) SELECT DISTINCT(CITY) FROM SUPPLIER;

iii) SELECT SCODE FROM SUPPLIER WHERE PRICE>=25 AND QTY>100;

iv) SELECT PNAME FROM SUPPLIER WHERE CITY IN('DELHI', 'KOLKATA') OR PRICE=55;

v) SELECT QTY*PRICE AS "AMOUNT" FROM SUPPLIER WHERE price BETWEEN 10 AND 25;

b) Consider above table "Supplier" and write SQL Query for the following. (1x5)

i) WAQ to show price of cake and biscuit.

ii) Display Pname and their price which is sold by supplier Nestle and Cadbury.

iii) WAQ to show name of product whose price is null.

iv) WAQ to show output as follows.

<pname> is sold by supplier <supname> and price is <price>.

v) WAQ to Show product detail which have "a" in their name.