DELHI PUBLIC SCHOOL
BOKARO STEEL CITY

ASSIGNMENT FOR THE SESSION 2013-2014

Class: XI **Subject : Informatics Practices** **Assignment No. 3**

Q1) What is DBMS? Explain advantages of DBMS?

Q2) Explain dfferent View of Data?

Q3) Explain Different Type of Data Model?

Q4) Define Following ?

a) Primary key b) Foreign key c) Candidate Key d) tuple

Q5) Explain Different Data Type of My SQL?

Q6) Differentiate between Distinct and All clause?

Q7) Differentiate between IN and BETWEEN Operator using an example?

Q8) Explain DCL Command With Example?

Q9) Explain E-Learning, E-governance And E-learning.

Q10) a. Consider the following tables EMPLOYEE and write the SQL query for the following requirements.

Eid	Name	Deptid	Qualification	Sex	Points	Basic	DA	HRA	Bonus
1	Sunil	101	MCA	F	20	6000	2000	2300	200
2	Virender	101	BCA	M	15	2000	300	300	30
3	Mukesh	102	B.A	M	15	1000	300	300	40
4	Rakesh	102	M.A	M	40	1500	390	490	30
5	Sumit	103	B.Tech	M	32	8000	900	900	80
6	Jyoti	101	M.Tech	F	12	10000	300	490	89

1. Create the structure of the above table
2. Insert any dummy record
3. Display the Names begin with alphabet “V”
4. Display the records who are females.
5. Display the name and qualification who are “B. Tech.”
6. Add one more field for the employee table -DOJ (date of joining)
7. Do not display the records of “Jyoti”, “Mukesh”.
8. To insert a new record in the EMPLOYEE table with following data:
   7,’Vikas’, 103,’MCA’,’M’, 36,12000,1000,500,90.
9. Display the Name, deptid, Basic whose date of joining is after 23/09/2000.
10. Display the records according to their Names.

10. b) Write down the output produced by following queries after execution.

a) SELECT CONCAT ('VISHAL','KUMAR') FROM DUAL;

b) SELECT SUBSTR ('INFORMATICS PRACTICES',3,4) FROM DUAL;

c) SELECT INSTR ('INDOOR OUTDOOR','OR') FROM DUAL;

d) SELECT LENGTH ('INFORMATICS PRACTICES') FROM DUAL;

e) SELECT LOWER (RIGHT ('JAVA', 2)) FROM DUAL;

f) SELECT MOD (11,3) FROM DUAL;

g) SELECT SIGN (-67) FROM DUAL;

h) SELECT SQRT (49) FROM DUAL;

i) SELECT DATEOFMONTH ('2010-02-16') FROM DUAL;

j) SELECT ROUND (15.193,1) FROM DUAL;

----------x----------