

ASSIGNMENT FOR THE SESSION 2013-2014

Class: XI

Subject : Informatics Practices

Assignment No. 6

- Q1) What is DBMS? Explain advantages of DBMS?
- Q2) Explain different 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

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