

Doon Public School

A Senior Secondary School
Sector- 21, Panchkula. Ph: 0172- 2590514

Assignment– 5

Subject: Informatics Practices

Class: XII

Date: 10-10-2018

INSTRUCTIONS:

- Do the given assignment in your assignment note book.

1. (a) Define the following terms : (i) Candidate Key (ii) Alternate Key
(b) Differentiate between DDL and DML
(c) What is relational data model?
(d) What are views? How are they useful?

TABLE : EMP

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7839	REA	MANAGER	67	12-DEC-98	5000	0	10
1234	PREM	CLERK	87	11-FEB-77	12000	1500	20
6754	SITA	MANAGER	89	12-MAR-99	10000	1000	20
6574	GITA	SALESMAN	98	11-JUN-99	9000	0	30
9876	HONEY	CLERK	65	12-JUN-00	12000	800	20
8976	REEMA	SALESMAN	91	10-SEP-88	6000	100	30

- (e) Display names of employees whose names include either of the substring “TH” or “LL”.
- (f) Display data of all employees sorted by their department, seniority and salary.
- (g) Find all the employees who have no manager.
- (h) To display all employees who were hired during 1995.
- (i) Show the average salary for all departments with more than 3 people for a job.
- (j) Find out number of employees having ‘MANAGER’ as job.
- (k) Create view DEPT20 with name and the salary of employees for dept 20.
- (l) Display department no. and number of employees in each department.
- (m) Find the output of the following :
 1. SELECT SYSDATE FROM DUAL;
 2. SELECT ENAME,SAL FROM EMPLOYEE WHERE DEPTNO=20;
 3. SELECT COUNT(*) FROM EMP;
 4. SELECT AVG(SAL) FROM EMP;