Krantiguru Shyamji Krishna Verma Kachchh University
Post Graduate Diploma in Computer Applications
Semester: II

Paper Code: CCCS208	**Total Credit :** 4
Title of Paper: Practical Based on CCCS206 and Elective Courses	**Total Marks :** 70
	Time : 3 Hrs

Sample Practical List (MS-Access)

1. Create the tables described below :

   (Assign appropriate Primary Key and Foreign Key constraints).

   (i.)   Table Name : **Salespeople**

   -        Commission must be between 0 and 1.

SNUM	SNAME	CITY	COMMISSION
1001	Peel	London	**.**12
1002	Serres	San Jose	**.**13
1004	Motika	London	**.**11
1007	Rifkin	Barcelona	**.**15
1003	Axelrod	New York	**.**10

   (ii)   Table Name: Customers

CNUM	CNAME	CITY	RATING	SNUM
2001	Hoffman	London	100	1001
2002	Giovanni	Rome	200	1003
2003	Liu	San Jose	200	1002
2004	Grass	Berlin	300	1002
2006	Clemens	London	100	1001
2008	Cisneros	San Jose	300	1007
2007	Pereira	Rome	100	1004

   (iii)   Table Name: **Order**

ONUM	AMOUNT	ODATE	CNUM	SNUM
3001	18.69	10/03/1990	2008	1007
3003	767.19	10/03/1990	2001	1001
3002	1900.10	10/03/1990	2007	1004
3005	5160.45	10/03/1990	2003	1002
3006	1098.16	10/03/1990	2008	1007
3009	1713.23	10/04/1990	2002	1003
3007	75.75	10/04/1990	2004	1002
3008	4723.00	10/05/1990	2006	1001
3010	1309.95	10/06/1990	2004	1002
3011	9891.88	10/06/1990	2006	1001

2. Display the structure of (i) Salespeople, (ii) Customers and (iii) Order table.
3. Check how many tables are there in your logins.
4. List all the records of (i) Salespeople, (ii) Customers and (iii) Orders table.
5. Create the tables described below :

   (i.)   Table Name : **Dept**

Column Name	Data Type	Size	Description
DEPTNO	NUMBER	3	Primary Key

DNAME	VARCHAR 2	20	
LOCATION	VARCHAR 2	20	Location must be either 'new york' or 'chicago'

(ii). Table Name: **Employee**

Column Name	Data Type	Size	Description
ENO	NUMBER	4	Primary Key
ENAME	VARCHAR2	20	Unique
JOB	VARCHAR2	20	Not Null
MGR	NUMBER	4	
HIREDATE	DATE		
SALARY	NUMBER	6,2	Max. value = 5000
COMMISSION	NUMBER	6,2	
DEPTNO	NUMBER	3	FK Must be either 10 or 20 or 30

6.   Insert appropriate records into the above tables.
7.   Write queries for the following:
      1. List all records of employee table.
      2. Display eno, ename, job, salary and deptno from employee table.
      3. List eno, ename, job, salary and deptno of all employees belonging to deptNo 10.
      4. List eno, ename, job, salary and deptno of all employees having salary greater than 2200.
      5. List eno, ename, job, salary and deptno of all employees having salary less than 3100or belonging to deptno 30.
      6. List eno, ename, job, salary and deptno of all employees having salary less than 3000 and belonging to deptno 30.
      7. Display ename of all employees whose name starts with 'M' or 'J'.
      8. List eno, ename, job, salary and deptno of all employees having job of 'clerk' or 'manager'.
      9. List eno, ename, job, salary, commission and deptno of all employees who are receiving some commission.
      10. List eno, ename, job, salary and deptno of all employees having salary as 1250 or 2450 or 3000.
      11. List eno, ename, job, salary and deptno of all employees having minimum salary 1500 and maximum salary 3000.
      12. List eno, ename, salary, commission, total salary(salary + commission) of all employees.
      13. List ename and salary of all employees in such a way that the employee who is earning maximum is displayed first.
      14. Display all employees who are clerk or earning salary greater than 2400.
      15. Add one more column 'city varchar2(5)' to the employee table.

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Unit	Description		Total Marks
Unit I to V	Q.1(A) Viva Voce	20	70
	Q.1 (B) Practical	50	