

ASSIGNMENT SA-1 2014-15

CLASS XI – INFORMATICS PRACTICES

I. Consider a table Emp with the following attributes:

Emp (empno, ename, job, hiredate, sal, comm., deptt)

Write the SQL commands for the following queries:

- (a) Write a query to display employee name, salary and department who are not getting commission.
- (b) How many types of jobs are offered to employees.
- (c) List the details of those employees who have five lettered names.
- (d) Write a query to display all the columns whose name contains 'p' as the forth alphabets.
- (e) List the detail of all employee who are in computer department sorted by ename.
- (f) Display the ename and hiredate of employee who are not in history department.
- (g) Display the employee who are getting salary 10000, 12000 and 14000.
- (h) Display name and salary of employee who don't have their commission in the range of 2500 to 4000.
- (i) Insert any five records in the above table.
- (j) List detail of physics department in descending order of employee number.

II. CLUB

Coach_Id	Coach_Name	Age	Sports	DateofApp	Pay	Sex
1	Kukreja	35	Karate	1996-03-20	1000	M
2	Ravina	34	Squash	1998-04-15	2000	F
3	Karan	30	Karate	1997-01-12	1500	M
4	Tarun	28	Basketball	1996-03-25	750	M
5	Zubin	35	Swimming	1997-02-20	2200	F
6	ketaki	40	Karate	1998-01-13	1100	F

Write the output for the following queries:

- (a) select Coach_Name, Lcase(Sports) from CLUB;
- (b) select Mod(age,5) from CLUB where Sex = 'F';
- (c) select power(3,2) ;
- (d) select substr(Coach_Name,1,2) from CLUB where DateofApp>'1996-04-12';
- (e) select concat(Coach_Name,Age) from CLUB where Pay > 1500;
- (f) select month(DateofApp), Sports from CLUB where Age < 40;
- (g) select Lower(Coach_Name), Length(Sports) from CLUB;
- (h) select Dayofweek('2009-04-14');

III. Create table Emp with the following structure:

Name of column	ID	First_Name	Last_Name	User_Id	Salary
Type	Number(4)	Varchar(30)	Varchar(40)	Varchar(10)	Number(9,2)

Ensure the following specification in created table:

- (a) ID should be declared as primary key.
- (b) User_Id must be unique.
- (c) Salary must be greater than 5000.
- (d) First_Name & Last_Name must not remain blank.
- (e) Increase the size of First_Name to 50 characters.
- (f) Delete the record whose Last_Name is Arora.