**Database Systems Lab**

**(BSCS F18 Morning)**

**Lab 09 version 1**

**Instructions:**

• You must complete all tasks individually. Absolutely **NO** collaboration is allowed.

• Any traces of plagiarism/cheating would result in an “F” grade in this course.

• Late submissions will **NOT** be accepted, in any case.

• Please use the Format of your answers as sample shared to you.

**Submission Procedure:**

• You are also required to submit .docx (Microsoft Word) file.

* Name of your file should be **YourRollNumber\_Lab\_Number**

e.g. BCSF18M00X\_Lab\_9.

• The file should contain the question, the query and the clear screen short of output after running the query.

• You have to submit your lab file to:

* **MCSF18M005@PUCIT.EDU.PK**

• The subject of the email should be **YourRollNumber\_LabVersion#**. e.g. BCSF18M00X\_Version1.

• **Submission Deadline: 26 November till 5:00 pm**

1. Creates a view that selects employees in the EMP table with a salary higher than the average salary:
2. Create a view “emp\_sales” that selects all the employees of department Sales
3. Change the following column names of the above created view

“ JOB” to Designation

“Hiredate ” to JoiningDate

1. Create a view that selects ename, empno,deptno from emp and dname and loc from dept
2. Drop the view emp\_sales.
3. Create a view that selects all managers from emp with read only option
4. Create a view that selects all employees of dept20 with salary greater than 1500.
5. Design a small database and store employees table, dept table and student table (you created in last lab).
6. Create Two tables of student and subjects and join them using foreign key.
7. Create a view to show student name and his subjects only. Using Q 10 tables.
8. Suppose that each employee in emp table was hired at the age of 24. So your task is to get the age of each employee.
9. Write a query to create a view for all salesmen with columns \_id, name, and Location.
10. Create the following Table

