**Database Systems Lab**

**(BSCS F18 Morning)**

**Lab 03 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\_2.

• 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 Both of the TA’s:

* **MCSF19M002@PUCIT.EDU.PK**
* **MCSF18M005@PUCIT.EDU.PK**

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

• **Submission Deadline: 08 OCT till 5:00 pm**

1. Select **One Hour** Salary of All employees
2. Show the output using Concatenation Function Like “ Clark is Analyst”.
3. **Add 5 months** in HireDate.
4. **Floor** the **One Hour** Salary of each employee.
5. Calculate the **Total Days** from the HireDate to now.
6. Show the Next **Monday** from Each Employee’s HireDate.
7. Your output show the **One Year** Salary with power of 3.
8. Find S**quare Root** of length of Employee Names.
9. Get **Last Two letters** of ename using Substr Function.
10. Show The Names in format like **“Martin”.**
11. Show Salary with Dollor **Sign($)** like 1600$.
12. Show the **Number of A’s** in each employee name.
13. What is Difference Between **Trunc and Round** Function.
14. Show the **Total Number of Days**, Smith has Worked.
15. Show the HireDate as “Monday September 1981”.
16. Using Decode **increase** the salary of employees like 10%

increase in the employees of Dept. 30, 15% to Dept. 20 and

17% to Dept. 10.

1. Show the remainder of all employees when **divided by 6500.**
2. Show the ename and Salary of those employees who

Were not **hired in 1981**.

1. Display the **Month** Only from Hiredate.
2. By using NVL2 function Show the **Total Salary ( Net Salary )**

including actual salary and commission.