**Database Systems Lab**

**(BSCS F18 Morning)**

**Lab 04 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: 15th OCT till 5:00 pm**

1. Your task is to find total salary Clark has used.
2. Find the total number of hours if President works 4 days a weak and 6 hours a day.
3. Find the sum of salary of employees of Dept no 20.
4. Find total employees of dept no. 20.
5. Get the salary of all clerks.
6. Show all clerks of deptno. 30.
7. Get average salary of all departments.
8. Write a query to get the total salaries payable to employees.
9. Get the name and salary of the employee who has been highly paid.
10. Suppose that dollar rate is 163 rupees. Then find the one day salary in rupees. Like “ Akram has One day salary as Rs 639. “
11. Suppose the employees get retired after 40 years of service. Then find out that which employees are going to be retired after 2020.
12. Get the highest salary of Dept No. 30.
13. Get the no. of employees who have some commission. (**Note:** ‘0’ will also be calculated )
14. Get the average salary of all the Analysts.
15. Get the average commission of dept no. 20 and 30.
16. Show the sum of one year salary of all Analysts.
17. Get the average salary of all departments but you must include salaries greater than 2800.
18. Show total no. of jobs in each department.
19. Increase the salaries using CASE Expression of Clerks like dept no. 10 clerks will incread 15% and depnt no. 20 will increase 18% and dept no. 30 will have increase of 20%. And then find the one year salary.
20. Get the average salary of Analysts like 9999$