|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Finolex Academy of Management and Technology, Ratnagiri | | | |
| **Department of Information Technology** | | | |
| **Subject:** | **SQL LAB L303** | | | |
| **Class:** | **SE IT / Semester – III (CBGS) / Academic year: 2017-18** | | | |
| **Name of Student:** |  | | | |
| **Roll No:** |  | | **Date of performance (DOP) :** |  |
| **Assignment No:** | | **01** | **Date of checking (DOC) :** |  |
| **Title: Basics Of DBMS And Queries On Relational Algebra** | | | | |
| **Marks:** | |  | **Teacher’s Signature:** |  |

**1. Aim**: To learn basics of database management system and queries based on relational algebra.

**2. Prerequisites**:

1. To understand the programming methodology.

**3. Hardware Requirements**:

1. PC with minimum 2GB RAM

**4. Software Requirements:**

1. Ubuntu / Windows installed

2. MySQL

**5. Learning Objectives:**

1. To provide a sound introduction to the creation of problem statements from real life situations.

**6.Course Objectives Applicable:** CO 1,CO 2

**7. Program Outcomes Applicable: PO1,PO2,PO3**

**8. Program Education Objectives Applicable: PEO1**

**13. Experiment/Assignment Evaluation**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **SR** | **Parameters** | **Weight** | **Excellent** | **Good** | **Average** | **Poor** | **Not as per requirement** |
| **Scale Factor ->** | 5 | 4 | 3 | 2 | 0 |
| 1 | Technical Understanding | 25 |  |  |  |  |  |
| 2 | Performance / Execution | 25 |  |  |  |  |  |
| 3 | Question Answers | 20 |  |  |  |  |  |
| 4 | Punctuality | 20 |  |  |  |  |  |
| 5 | Presentation | 10 |  |  |  |  |  |
|  | Total out of 100 -->  #(to be converted as per term-work evaluation applicable to the subject) | | **∑ (Weight \* Scale Factor)/5 = \_\_\_\_\_\_\_\_** | | | | |

**References**:

[1] Elmasri and Navathe, “ Fundamentals of Database Systems”, 6th Edition, PEARSON Education.

[2] Korth, Slberchatz,Sudarshan, :”Database System Concepts”, 6th Edition, McGraw – Hill.

**Viva Questions**

1. What is Database Management System?
2. What is Problem Statement?