**Mid Term Exam**

**Total Marks:100**

| **Q.No** | **QUESTIONS** | **Marks** |
| --- | --- | --- |
| 1 | Write the difference between Primary Key and Composite Primary Key | 5 |
| 2 | Write the difference between using JOIN Query and not using JOIN query | 5 |
| 3 | Create a table of Employees which has the following fields   * 1. First Name   2. Last Name   3. Date of Birth   4. Department Id   5. Salary   Create a table of Departments which has the following fields   1. Department Id 2. Department Name   Create both of the tables using proper constraints | 20 |
| **Use dummydb in MySQL to answer the following questions:** [**Link**](https://drive.google.com/file/d/1Lkklsw33VSjlRKQ3bxmwIUqGXtfQgJ-r/view?usp=drive_link) | | |
| 4 | Write SQL Query to get the second max salary | 10 |
| 5 | Write SQL Query to show the department names and the average salary of the departments | 10 |
| 6 | Illustrate the INNER, LEFT, RIGHT, SELF Joins | 10 |
| 7 | What is a subquery? Write with an example | 10 |
| 8 | Show the names of the employees who get less salary than Steven | 10 |
| 9 | Count the number of employees of each job type | 10 |
| 10 | Show the names of Departments which doesn’t have any employees | 10 |