

Class Test-3

Course Code: SE 223

Course Title: Database Systems

Time: 30 Minutes Mark: 15

Based on the following schema, write the SQL queries for the questions below.

Student(StudentID, Name, Department, Email)

Course(CourseID, Title, Credit, InstructorID)

Enrollment(StudentID, CourseID, Semester, Grade)

Instructor(InstructorID, Name, Email, Salary)

1. Find students in departments (CSE, EEE) whose StudentID is between 100 and 200.

2. Show the highest grade achieved in each course.
3. Find instructors whose salary is above the average salary.
4. Find students from the CSE department AND whose name starts with 'A'.

5. Show each student with the courses they are enrolled in.

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6. Show all students and their enrollment info, including those not enrolled.

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7. Retrieve all courses taught by instructors earning more than 60,000 salary.

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