Create the following database using SQL:

Create a database named **exam management system (ems)** with the following tables and **insert data** in each table.

```
departments(dept_id, department_name, head)

students(std_id, name , roll, date_of_birth,
department_id)

subjects(sub_id, subject_title, credits, department_id)

exams(exam_id, exam_name, exam_date, subject_id)

results(res_id, student_id, exam_id, marks)
```

Instructions:

1. Create a database with the name *ems*.

2. Create all tables with proper *data types* and *constraints*. Ensure *PRIMARY KEY, UNIQUE, NOT NULL, AUTO_INCREMENT,* and *FOREIGN KEY* constraints are correctly applied.

3. Insert data into each table. Add at least 2/3 records in each table.