Entities

1.Table: Register

Column Name	Data Type	Allow Nulls
🔑 Rgst_Id	int	☐
Rgst_Email	varchar(50)	☐
Rgst_Name	varchar(50)	☐
Rgst_password	nchar(50)	☐
Rgst_Type	varchar(20)	☑
		☐

2.Table: Student

Column Name	Data Type	Allow Nulls
🔑 St_Id	int	☐
St_Fname	varchar(20)	☐
St_Lname	varchar(20)	☐
St_Age	int	☑
St_Address	varchar(100)	☑
Dept_Id	int	☑
Rgst_Id	int	☑
		☐

3.Table: Instructor

Column Name	Data Type	Allow Nulls
🔑 Inst_Id	int	☐
Inst_fName	varchar(20)	☑
Inst_IName	varchar(20)	☑
Inst_Age	int	☑
Inst_Address	varchar(50)	☑
Rgst_Id	int	☑
		☐

4.Table: Department

Column Name	Data Type	Allow Nulls
🔑 Dept_Id	int	☐
Dept_Name	varchar(20)	☑
		☐

5.Table: Course

Column Name	Data Type	Allow Nulls
🔑 Crs_Id	int	☐
Crs_Name	varchar(20)	☑
Inst_Id	int	☑
Dept_Id	int	☑
		☐

6.Table: Topic

Column Name	Data Type	Allow Nulls
🔑 T_Id	int	☐
T_Name	varchar(20)	☑
Crs_Id	int	☑
		☐

7.Table: Question

Column Name	Data Type	Allow Nulls
🔑 Q_Id	int	☐
Q_Text	varchar(200)	☑
Q_Type	varchar(10)	☑
Q_ModelAns	varchar(50)	☑
Crs_Id	int	☑
		☐

8.Table: Exam

Column Name	Data Type	Allow Nulls
Ex_Id	int	☐
St_Id	int	☑
Crs_Id	int	☑
		☐

Relationships

1.Table: Stud_Course

Column Name	Data Type	Allow Nulls
St_Id	int	☐
Crs_Id	int	☐
FullGrade	int	☑
Progress	varchar(50)	☑
		☐

2.Table: Exam_Ques

Column Name	Data Type	Allow Nulls
Ex_Id	int	☐
Q_Id	int	☐
		☐

3.Table: Stud_Answers

Column Name	Data Type	Allow Nulls
St_Id	int	☐
Q_Id	int	☐
Ex_Id	int	☐
Grade	int	☑
Answer	varchar(50)	☑
		☐

4.Table: Stud_Exam

Column Name	Data Type	Allow Nulls
St_Id	int	☐
Ex_Id	int	☐
Crs_Id	int	☐
Grade	int	☑
ExDate	datetime	☑
		☐

Database Diagram

Exam_Ques
- 🔑 Ex_Id
- 🔑 Q_Id

Stud_Answers
- 🔑 St_Id
- 🔑 Q_Id
- 🔑 Ex_Id
- Grade
- Answer

Question
- 🔑 Q_Id
- Q_Text
- Q_Type
- Q_ModelAns
- Crs_Id

Topic
- 🔑 T_Id
- T_Name
- Crs_Id

Course
- 🔑 Crs_Id
- Crs_Name
- Inst_Id
- Dept_Id

Stud_Course
- 🔑 St_Id
- 🔑 Crs_Id
- FullGrade
- Progress

Exam
- 🔑 Ex_Id
- St_Id
- Crs_Id

Stud_Exam
- 🔑 St_Id
- 🔑 Ex_Id
- 🔑 Crs_Id
- Grade
- ExDate

Department
- 🔑 Dept_Id
- Dept_Name

Instructor
- 🔑 Inst_Id
- Inst_fName
- Inst_lName
- Inst_Age
- Inst_Address
- Rgst_Id

Register
- 🔑 Rgst_Id
- Rgst_Email
- Rgst_Name
- Rgst_password
- Rgst_Type

Student
- 🔑 St_Id
- St_Fname
- St_Lname
- St_Age
- St_Address
- Dept_Id
- Rgst_Id