

Lab-08 21-11-2024

TOTAL MARKS: 30

Consider the following University Student Database schema for today's tasks:

1. Students:

- StudentID (Primary Key)
- FirstName
- LastName
- DateOfBirth
- Address
- Email
- PhoneNumber

2. Courses:

- CourseID (Primary Key)
- CourseName
- CourseDescription
- Credits

3. Enrollments:

- EnrollmentID (Primary Key)
- StudentID (Foreign Key to Students)
- CourseID (Foreign Key to Courses)
- Semester
- Year

4. Grades:

- GradeID (Primary Key)
- EnrollmentID (Foreign Key to Enrollments)
- Grade

Task 01: Write commands to create all the tables in given schema. ***Make sure to choose data types carefully. Must include integrity constraints where appropriate.***

Task 02: Create an index for **each** table. *Which index would you choose and why? Which attribute would you choose and why?*
