



Bangladesh Army University of Engineering & Technology (BAUET)

Department of Computer Science and Engineering (CSE)

Batch: CSE-16

Class Test-02 (Imp.)

Semester: Summer-2024

Course Code: CSE-2211

Course Title: Database Management Systems

Full Marks: 15

Time: 15 Minutes

		Marks
Q.1	i). Illustrate the string matching operators in SQL.	2
	ii). Demonstrate the purpose of nested queries in database system. [CO3-C2]	3
Q.2	Consider the following database schema; construct the expressions in SQL for each of the below queries. [CO3-C3]	10
<i>person</i> (driver id, name, address)		
<i>car</i> (license, model, year)		
<i>accident</i> (report number, date, location)		
<i>owns</i> (driver id, license)		
<i>participated</i> (report number, license, driver id, damage amount)		
i). Add a new accident to the database; assume any values for required attributes.		
ii). Update the damage amount for the car with the license number "AABB2010" in the accident with report number "AR2197" to \$3000.		
iii). Find the total number of people who owned cars that were involved in accidents in 2020.		
iv). Delete the Mazda belonging to "John Smith".		
v). Find the number of accidents in which the cars belonging to "John Smith" were involved.		