Quiz 3 DATE: May 4th 2023

Name:_____ Roll Number: _____

1. **Write the DDL statement to create the following table (2nd row gives the data type). (10)**

Vehicle

vid	make	model	year	color	wheels	price
int	string (10)	string (10)	string (4)	string (10)	int	double

```
Create table Vehicle (
    vid int(9),
    make varchar(10),
    model varchar(10),
    year char(4),
    color varchar(10),
    wheel unsigned TINYINT(2),
    price double(9,2)
    primary key(vid)
);
```

2. **Add a new column named dor with date datatype for storing date of registration. (5)**

```
Alter table Vehicle add column dor date;
```

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3. Consult the relational model and state for the company database available on page 162 of your text book and for each of the following statements mention whether they will be accepted or rejected. In case a statement is rejected mention all the constraints that are being violated. (Assume no Syntax mistakes in any of the following statements) (10)

a. Update Employee set Dno = 3 Where Lname = 'English';

Rejected : Referential Integrity

b. Delete from Project where pnumber = 3;

Rejected : Referential Integrity Constraint voilation in Works_On Table

c. Insert into Dept_Locations values (1, 'Stafford');

Accepted

d. Insert into Project values ('ExtraProject', 2, 'Houston', 1);

Rejected : Integrity Constraint Voilation
or Unique Constraint Voilation

e. Insert into Dependent values ('123456789', 'Michael', '1989-01-04', 'M', 'Son');

1. Domain Constraint
2. Integrity Constraint