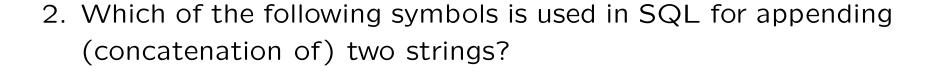
**COMP 353 – Quiz 2** 

- Consider an instance of relation R(A,B,C) that has 10 tuples.
   What happens if we submit the following query?
   select \* from R where A=D;
  - (a) It executes successfully and returns at most 10 tuples.
  - (b) We get a syntax error.
  - (c) We get a semantics/logical error.
  - (d) It executes successfully but returns no tuples.



- (a) &
- (b) %
- (c) \_
- (d) ||

- 3. What is the syntax error in the following SQL statement?
  SELECT \* frOm Employee Where dept\_name ="CSE";
  - (a) frOm
  - (b) Where
  - (c) "CSE"
  - (d) Dept\_name



- (a) Don't know
- (b) Don't care
- (c) Not applicable
- (d) all the above

- 5. Let R(A) be a relation and suppose we allow null values. Consider the following queries Q1 and Q2:
  - Q1: SELECT COUNT(A) from R;
  - Q2: SELECT COUNT(\*) from R;

If I1 and I2 are the results returned by Q1 and Q2 respectively, which of the following is NOT possible?

- (a) I1 = I2
- (b) I1 < I2
- (c) I1 > I2
- (d)  $I1 \leq I2$

6. Let R be a table defined as follows:

```
CREATE TABLE R (A int,

B int not null,

C int);
```

Execution of which of the following statements will fail?

- (a) Insert INTO R Values (1, 353, 2);
- (b) Insert INTO R(A, B) Values (1, 353);
- (c) Insert INTO R(B, C) Values (353, 2);
- (d) Insert INTO R(A,C) Values (1, 2);