# **30 Lecture - CS403**

# **Important Mcqs**

#### 1. What is the purpose of the ORDER BY clause in SQL?

- A) To filter data based on specific criteria
- B) To group data based on specific columns
- C) To sort data in ascending or descending order
- D) To combine data from two or more tables

Answer: C) To sort data in ascending or descending order

#### Which keyword is used in the ORDER BY clause to sort data in descending order?

- A) DESC
- B) ASC
- C) ORDER
- D) BY

Answer: A) DESC

#### Can the ORDER BY clause be used with the SELECT statement?

- A) Yes
- B) No

Answer: A) Yes

### Which clause comes after the ORDER BY clause in a SELECT statement?

- A) FROM
- B) WHERE
- C) GROUP BY
- D) HAVING

Answer: LIMIT or OFFSET clauses, but if they're not used then the query ends after ORDER BY clause.

#### What is the default sorting order used by ORDER BY clause in SQL?

- A) Descending order
- B) Ascending order
- C) No default sorting order
- D) Random order

Answer: B) Ascending order

#### Can multiple columns be used in the ORDER BY clause?

- A) Yes
- B) No

Answer: A) Yes

#### Which operator is used to separate multiple columns in the ORDER BY clause?

- A) AND
- B) OR
- C) COMMA

D) COLON

Answer: C) COMMA

# What is the use of the NULLS FIRST keyword in the ORDER BY clause?

- A) It sorts NULL values first in the result set.
- B) It sorts NULL values last in the result set.
- C) It is not a valid keyword in the ORDER BY clause.
- D) It has no effect on the sorting of NULL values.

Answer: A) It sorts NULL values first in the result set.

#### Can an alias name be used in the ORDER BY clause?

A) Yes

B) No

Answer: A) Yes

# Can a subquery be used in the ORDER BY clause?

A) Yes

B) No

Answer: B) No