

# 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