

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