



كلية تكنولوجيا الصناعة والطاقة



Information Technology Department
2nd Year



جامعة برج العرب التكنولوجية
BORG AL ARAB TECHNOLOGICAL UNIVERSITY

جامعه برج

العرب التكنولوجيه

Course: Intoduction to DB Semester: 1 st term 2025/2026	Lecturers: Dr Nehal elazaly, Dr Dina Abdelhafiz
Tutorial 9: SQL commands	

Choose the correct answer:

Q1. What does TRUNCATE TABLE do?

- A) Deletes specific rows
- B) Deletes table structure
- C) Deletes all data but keeps table structure
- D) Deletes selected columns

Q2. Which JOIN type keeps unmatched records as NULL values?

- A) INNER JOIN
- B) CROSS JOIN
- C) LEFT / RIGHT JOIN
- D) SELF JOIN

Q3. Which SQL keyword is used for conditional sorting?

- A) IF
- B) CASE
- C) WHEN
- D) SWITCH

Q4. CASE keyword is mostly used inside:

- A) SELECT only
- B) WHERE only
- C) ORDER BY
- D) INSERT

Q5. Which clause is used to apply conditions before sorting?

- A) ORDER BY
- B) WHERE
- C) LIMIT
- D) JOIN

Q6. Which SQL statement removes all records instantly?

- A) DELETE
- B) DROP
- C) TRUNCATE
- D) REMOVE

Q7. Which SQL JOIN is used for one-to-many relationships?

- A) INNER JOIN
- B) OUTER JOIN
- C) SELF JOIN
- D) CROSS JOIN

Q8. WHERE clause comparisons include:

- A) =
- B) >
- C) <
- D) All

Q9. Which SQL clause is executed first logically?

- A) SELECT
- B) WHERE
- C) ORDER BY
- D) LIMIT

Q10. Which keyword retrieves all columns?

- A) ALL
- B) EVERYTHING
- C) *
- D) %

Q11. Which join returns Cartesian product?

- A) INNER JOIN
- B) LEFT JOIN
- C) RIGHT JOIN
- D) CROSS JOIN



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Q12. Which statement deletes table structure completely?

- A) DELETE B) TRUNCATE C) DROP D) REMOVE

Q13. Which clause works with numeric ranges?

- A) IN B) BETWEEN C) LIKE D) ORDER

Q14. SQL is primarily used for:

- A) Designing hardware
B) Managing and querying databases
C) Creating UI
D) Network routing

Q15. Which query selects records with ID between 10 and 50?

- A) WHERE id = 10 AND 50
B) WHERE id BETWEEN 10 AND 50
C) WHERE id IN 10 TO 50
D) WHERE id > 10 < 50

Q16. Which query sorts employees by salary descending?

- A) ORDER salary DESC
B) ORDER BY salary DESC
C) SORT salary DESC
D) BY salary DESC

Q17. Which query limits output to 5 rows?

- A) LIMIT = 5
B) FETCH 5
C) LIMIT 5
D) TOP 5

Q18. Which query removes all records but keeps table structure?

- A) DELETE table
B) DROP table
C) TRUNCATE TABLE table
D) REMOVE table

Q19. Which query retrieves matching records only?

- A) LEFT JOIN
B) RIGHT JOIN
C) INNER JOIN
D) FULL JOIN

Q20. Which query returns all records from left table?

- A) INNER JOIN
B) LEFT JOIN
C) RIGHT JOIN
D) CROSS JOIN



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Q21. Which condition selects price greater than 100?

- A) price >= 100
- B) price > 100
- C) price => 100
- D) price = 100+

Q22. Which query uses conditional sorting?

- A) ORDER BY CASE WHEN
- B) ORDER IF
- C) SORT BY
- D) CASE SORT

Q23. Which query retrieves all columns?

- A) SELECT all
- B) SELECT columns
- C) SELECT *
- D) SELECT everything

Q24. Which query filters rows before sorting?

- A) ORDER BY
- B) WHERE
- C) LIMIT
- D) JOIN

Q25. Which operator combines multiple conditions?

- A) WITH
- B) AND / OR
- C) BETWEEN
- D) LIKE

Q26. Which query joins customers and orders?

- A) SELECT * FROM customers, orders
- B) JOIN customers AND orders
- C) SELECT * FROM customers INNER JOIN orders ON condition
- D) MERGE customers orders

Q27. Which query checks equality?

- A) ==
- B) =
- C) :=
- D) ===

Q28. Which keyword limits query results?

- A) STOP
- B) LIMIT
- C) MAX
- D) ROW

Q29. Which query deletes table completely?

- A) DELETE TABLE t
- B) DROP TABLE t
- C) TRUNCATE t
- D) REMOVE t