



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 8: SQL commands	

Choose the correct answer:

Q1. What is the primary purpose of a database?

- A) Store images only B) Manage and organize data efficiently C) Execute programs
D) Control hardware

Q2. Which SQL clause is used to filter records based on a condition?

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

Q3. Which keyword is used to sort query results in SQL?

- A) SORT B) ORDER C) ORDER BY D) FILTER

Q4. What is the default sorting order in SQL?

- A) Random B) Descending C) Ascending D) Custom

Q5. Which keyword sorts data from highest to lowest?

- A) ASC B) DOWN C) DESC D) HIGH

Q6. What does the BETWEEN keyword do?

- A) Matches exact values B) Selects a range of values C) Sorts data D) Joins tables

Q7. Which SQL clause limits the number of rows returned?

- A) TOP B) LIMIT C) COUNT D) ROW

Q8. Which key uniquely identifies a record in a table?

- A) Foreign Key B) Candidate Key C) Primary Key D) Composite Key

Q9. A one-to-many relationship means:

- A) One record relates to one record
B) One record relates to many records
C) Many records relate to many records
D) No relationship



Q10. Which JOIN returns only matching records from both tables?

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

Q11. LEFT JOIN returns:

- A) Matching rows only
B) All rows from left table and matching from right
C) All rows from right table only
D) No matching rows

Q12. RIGHT JOIN returns:

- A) All rows from left table
B) All rows from right table and matching from left
C) Only common rows
D) No rows

Answer: B

Q13. Which operator checks multiple conditions in WHERE clause?

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

Q14. Which operator is used for equality comparison?

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

Q15 . Which SQL keyword combines conditions logically?

- A) AND B) OR C) BOTH A and B D) NONE

Q16. Which clause is used after SELECT to specify table name?

- A) WHERE B) FROM C) JOIN D) INTO

Q17. Which JOIN type keeps unmatched records as NULL values?

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