**DAY 6**

# MySQL MCQ Quiz

Duration: 45 Minutes

1. Q1. What is a key characteristic of SQL vs NoSQL?

* A. SQL vs NoSQL ensures data duplication
* B. SQL vs NoSQL is used only in NoSQL databases
* C. SQL vs NoSQL improves data integrity
* D. SQL vs NoSQL is not related to database design

1. Q2. What is a key characteristic of Advantages of SQL?

* A. Advantages of SQL ensures data duplication
* B. Advantages of SQL is used only in NoSQL databases
* C. Advantages of SQL improves data integrity
* D. Advantages of SQL is not related to database design

1. Q3. What is a key characteristic of Disadvantages of SQL?

* A. Disadvantages of SQL ensures data duplication
* B. Disadvantages of SQL is used only in NoSQL databases
* C. Disadvantages of SQL improves data integrity
* D. Disadvantages of SQL is not related to database design

1. Q4. What is a key characteristic of System Databases in SQL Server?

* A. System Databases in SQL Server ensures data duplication
* B. System Databases in SQL Server is used only in NoSQL databases
* C. System Databases in SQL Server improves data integrity
* D. System Databases in SQL Server is not related to database design

1. Q5. What is a key characteristic of Managing Databases?

* A. Managing Databases ensures data duplication
* B. Managing Databases is used only in NoSQL databases
* C. Managing Databases improves data integrity
* D. Managing Databases is not related to database design

1. Q6. What is a key characteristic of 1NF?

* A. 1NF ensures data duplication
* B. 1NF is used only in NoSQL databases
* C. 1NF improves data integrity
* D. 1NF is not related to database design

1. Q7. What is a key characteristic of 2NF?

* A. 2NF ensures data duplication
* B. 2NF is used only in NoSQL databases
* C. 2NF improves data integrity
* D. 2NF is not related to database design

1. Q8. What is a key characteristic of 3NF?

* A. 3NF ensures data duplication
* B. 3NF is used only in NoSQL databases
* C. 3NF improves data integrity
* D. 3NF is not related to database design

1. Q9. What is a key characteristic of BCNF?

* A. BCNF ensures data duplication
* B. BCNF is used only in NoSQL databases
* C. BCNF improves data integrity
* D. BCNF is not related to database design

1. Q10. What is a key characteristic of Identifying System Databases?

* A. Identifying System Databases ensures data duplication
* B. Identifying System Databases is used only in NoSQL databases
* C. Identifying System Databases improves data integrity
* D. Identifying System Databases is not related to database design

1. Q11. What is a key characteristic of Database Files?

* A. Database Files ensures data duplication
* B. Database Files is used only in NoSQL databases
* C. Database Files improves data integrity
* D. Database Files is not related to database design

1. Q12. What is a key characteristic of Creating Databases?

* A. Creating Databases ensures data duplication
* B. Creating Databases is used only in NoSQL databases
* C. Creating Databases improves data integrity
* D. Creating Databases is not related to database design

1. Q13. What is a key characteristic of Renaming Databases?

* A. Renaming Databases ensures data duplication
* B. Renaming Databases is used only in NoSQL databases
* C. Renaming Databases improves data integrity
* D. Renaming Databases is not related to database design

1. Q14. What is a key characteristic of Dropping Databases?

* A. Dropping Databases ensures data duplication
* B. Dropping Databases is used only in NoSQL databases
* C. Dropping Databases improves data integrity
* D. Dropping Databases is not related to database design

1. Q15. What is a key characteristic of Data Types?

* A. Data Types ensures data duplication
* B. Data Types is used only in NoSQL databases
* C. Data Types improves data integrity
* D. Data Types is not related to database design

1. Q16. What is a key characteristic of Creating Tables?

* A. Creating Tables ensures data duplication
* B. Creating Tables is used only in NoSQL databases
* C. Creating Tables improves data integrity
* D. Creating Tables is not related to database design

1. Q17. What is a key characteristic of Modifying Tables?

* A. Modifying Tables ensures data duplication
* B. Modifying Tables is used only in NoSQL databases
* C. Modifying Tables improves data integrity
* D. Modifying Tables is not related to database design

1. Q18. What is a key characteristic of Renaming Tables?

* A. Renaming Tables ensures data duplication
* B. Renaming Tables is used only in NoSQL databases
* C. Renaming Tables improves data integrity
* D. Renaming Tables is not related to database design

1. Q19. What is a key characteristic of Dropping Tables?

* A. Dropping Tables ensures data duplication
* B. Dropping Tables is used only in NoSQL databases
* C. Dropping Tables improves data integrity
* D. Dropping Tables is not related to database design

1. Q20. What is a key characteristic of Insert/Update/Delete?

* A. Insert/Update/Delete ensures data duplication
* B. Insert/Update/Delete is used only in NoSQL databases
* C. Insert/Update/Delete improves data integrity
* D. Insert/Update/Delete is not related to database design

1. Q21. What is a key characteristic of Retrieving Data?

* A. Retrieving Data ensures data duplication
* B. Retrieving Data is used only in NoSQL databases
* C. Retrieving Data improves data integrity
* D. Retrieving Data is not related to database design

1. Q22. What is a key characteristic of Filtering: WHERE, IN, AND, OR, LIKE?

* A. Filtering: WHERE, IN, AND, OR, LIKE ensures data duplication
* B. Filtering: WHERE, IN, AND, OR, LIKE is used only in NoSQL databases
* C. Filtering: WHERE, IN, AND, OR, LIKE improves data integrity
* D. Filtering: WHERE, IN, AND, OR, LIKE is not related to database design

1. Q23. What is a key characteristic of Aliases?

* A. Aliases ensures data duplication
* B. Aliases is used only in NoSQL databases
* C. Aliases improves data integrity
* D. Aliases is not related to database design

1. Q24. What is a key characteristic of DISTINCT?

* A. DISTINCT ensures data duplication
* B. DISTINCT is used only in NoSQL databases
* C. DISTINCT improves data integrity
* D. DISTINCT is not related to database design

1. Q25. What is a key characteristic of BETWEEN?

* A. BETWEEN ensures data duplication
* B. BETWEEN is used only in NoSQL databases
* C. BETWEEN improves data integrity
* D. BETWEEN is not related to database design

1. Q26. What is a key characteristic of Data Integrity?

* A. Data Integrity ensures data duplication
* B. Data Integrity is used only in NoSQL databases
* C. Data Integrity improves data integrity
* D. Data Integrity is not related to database design

1. Q27. What is a key characteristic of String Functions?

* A. String Functions ensures data duplication
* B. String Functions is used only in NoSQL databases
* C. String Functions improves data integrity
* D. String Functions is not related to database design

1. Q28. What is a key characteristic of Date Functions?

* A. Date Functions ensures data duplication
* B. Date Functions is used only in NoSQL databases
* C. Date Functions improves data integrity
* D. Date Functions is not related to database design

1. Q29. What is a key characteristic of Math Functions?

* A. Math Functions ensures data duplication
* B. Math Functions is used only in NoSQL databases
* C. Math Functions improves data integrity
* D. Math Functions is not related to database design

1. Q30. What is a key characteristic of System Functions?

* A. System Functions ensures data duplication
* B. System Functions is used only in NoSQL databases
* C. System Functions improves data integrity
* D. System Functions is not related to database design

1. Q31. What is a key characteristic of Aggregate Functions?

* A. Aggregate Functions ensures data duplication
* B. Aggregate Functions is used only in NoSQL databases
* C. Aggregate Functions improves data integrity
* D. Aggregate Functions is not related to database design

1. Q32. What is a key characteristic of GROUP BY?

* A. GROUP BY ensures data duplication
* B. GROUP BY is used only in NoSQL databases
* C. GROUP BY improves data integrity
* D. GROUP BY is not related to database design

1. Q33. What is a key characteristic of Customizing Result Sets?

* A. Customizing Result Sets ensures data duplication
* B. Customizing Result Sets is used only in NoSQL databases
* C. Customizing Result Sets improves data integrity
* D. Customizing Result Sets is not related to database design

1. Q34. What is a key characteristic of Inner Join?

* A. Inner Join ensures data duplication
* B. Inner Join is used only in NoSQL databases
* C. Inner Join improves data integrity
* D. Inner Join is not related to database design

1. Q35. What is a key characteristic of Left Join?

* A. Left Join ensures data duplication
* B. Left Join is used only in NoSQL databases
* C. Left Join improves data integrity
* D. Left Join is not related to database design

1. Q36. What is a key characteristic of Right Join?

* A. Right Join ensures data duplication
* B. Right Join is used only in NoSQL databases
* C. Right Join improves data integrity
* D. Right Join is not related to database design

1. Q37. What is a key characteristic of Full Outer Join?

* A. Full Outer Join ensures data duplication
* B. Full Outer Join is used only in NoSQL databases
* C. Full Outer Join improves data integrity
* D. Full Outer Join is not related to database design

1. Q38. What is a key characteristic of Cross Join?

* A. Cross Join ensures data duplication
* B. Cross Join is used only in NoSQL databases
* C. Cross Join improves data integrity
* D. Cross Join is not related to database design

39. What is a key characteristic of GROUP BY with Joins?

* A. GROUP BY with Joins ensures data duplication
* B. GROUP BY with Joins is used only in NoSQL databases
* C. GROUP BY with Joins improves data integrity
* D. GROUP BY with Joins is not related to database design

1. Q40. What is a key characteristic of Aggregate Functions with Joins?

* A. Aggregate Functions with Joins ensures data duplication
* B. Aggregate Functions with Joins is used only in NoSQL databases
* C. Aggregate Functions with Joins improves data integrity
* D. Aggregate Functions with Joins is not related to database design

1. Q41. What is a key characteristic of Equi Join?

* A. Equi Join ensures data duplication
* B. Equi Join is used only in NoSQL databases
* C. Equi Join improves data integrity
* D. Equi Join is not related to database design

1. Q42. What is a key characteristic of Self Join?

* A. Self Join ensures data duplication
* B. Self Join is used only in NoSQL databases
* C. Self Join improves data integrity
* D. Self Join is not related to database design

1. Q43. What is a key characteristic of HAVING, GROUPING SETS?

* A. HAVING, GROUPING SETS ensures data duplication
* B. HAVING, GROUPING SETS is used only in NoSQL databases
* C. HAVING, GROUPING SETS improves data integrity
* D. HAVING, GROUPING SETS is not related to database design

1. Q44. What is a key characteristic of Subqueries?

* A. Subqueries ensures data duplication
* B. Subqueries is used only in NoSQL databases
* C. Subqueries improves data integrity
* D. Subqueries is not related to database design

1. Q45. What is a key characteristic of EXISTS, ANY, ALL?

* A. EXISTS, ANY, ALL ensures data duplication
* B. EXISTS, ANY, ALL is used only in NoSQL databases
* C. EXISTS, ANY, ALL improves data integrity
* D. EXISTS, ANY, ALL is not related to database design

1. Q46. What is a key characteristic of Nested Subqueries?

* A. Nested Subqueries ensures data duplication
* B. Nested Subqueries is used only in NoSQL databases
* C. Nested Subqueries improves data integrity
* D. Nested Subqueries is not related to database design

1. Q47. What is a key characteristic of Correlated Subqueries?

* A. Correlated Subqueries ensures data duplication
* B. Correlated Subqueries is used only in NoSQL databases
* C. Correlated Subqueries improves data integrity
* D. Correlated Subqueries is not related to database design

1. Q48. What is a key characteristic of UNION, INTERSECT, EXCEPT, MERGE?

* A. UNION, INTERSECT, EXCEPT, MERGE ensures data duplication
* B. UNION, INTERSECT, EXCEPT, MERGE is used only in NoSQL databases
* C. UNION, INTERSECT, EXCEPT, MERGE improves data integrity
* D. UNION, INTERSECT, EXCEPT, MERGE is not related to database design