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## **DAY 1 :**

1. How many SQL statements are used? Define them.
2. Enlist some commands of DDL, DML, and DCL.
3. What is RDBMS? How is it different from DBMS?
4. What is the difference between SQL and MySQL?
5. What is the default port number of MySQL?
6. What are the differences between CHAR and VARCHAR and nvarchar data types?
7. What is the purpose of using the TIMESTAMP data type?
8. Differentiate between FLOAT and DOUBLE?
9. What is the difference between BLOB AND TEXT?
10. What are the issues of traditional file-based systems that make DBMS a superior alternative?

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## **DAY 2:**

1. What is the difference between columnar and row-based databases?
2. What are entities and attributes referring to?
3. What is the Similarity and Difference between Truncate and Delete?
4. List the reason for poor performance of query.

5. Explain SELECT, LIKE, IN, Regular-Expression in mySQL?
  6. Give string types available for column
  7. What are all the Common SQL Function
  8. .How to find the unique values if the value in the column is repeated
  9. How to get unique records in MySQL?
  10. How to create a date column in MySQL Server?
  11. What is the meaning of Not Null in MySQL?
  12. How to create a table
  13. What are tables and Fields?
  14. What is the difference between DELETE TABLE and TRUNCATE TABLE commands?
  15. How do you remove a column from a database?
  16. How to Delete Data From a MySQL Table?
  17. How to add users in MySQL?
  18. What is the difference between CHAR\_ LENGTH and LENGTH?
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### **Day 3 :**

1. What is ACID Property?
2. What are the two modes of transaction supported in MySQL?
3. What isolation levels are available in a transaction?
4. What are COMMIT and ROLLBACK ?
5. If locking is not implemented, what issues can occur?
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7. What are the different levels of data abstraction?
8. What are database locks and its types?

9. What is the difference between the following transaction states:  
Aborted vs Failed and Active vs Committed?
10. How do GROUP and ORDER BY Differ?
11. What is the difference between UNION and UNION ALL