

Important Questions and Answers

Q1. What is DBMS?

DBMS is software used to store, manage, and retrieve data efficiently.

Q2. Give examples of DBMS software.

Examples include MySQL and Oracle Database.

Q3. What is a database?

A database is an organized collection of data.

Q4. What is a table in DBMS?

A table stores data in rows and columns.

Q5. What is a primary key?

A unique identifier for each record in a table.

Q6. What is a foreign key?

A key used to link two tables.

Q7. What are advantages of DBMS?

Data security and reduced redundancy.

Q8. What is SQL?

SQL is a language used to manage databases.

Q9. What is data redundancy?

Duplicate data stored in multiple places.

Q10. What is normalization?

The process of organizing data to reduce redundancy.

Q11. What is data integrity?

Accuracy and consistency of data.

Q12. What is a query?

A request to retrieve data from a database.

Q13. What is relational database?

A database that stores data in tables.

Q14. Where is DBMS used?

Banking, hospitals, and online platforms.

Q15. Why is DBMS important?

It helps manage large amounts of data efficiently.