

Course  
&  
Test Series

Self-Made Assignment - Database

Characteristics, Advantages and Disadvantages of DBMS

You have to write the answers to the questions in your notebook and write the descriptive questions in your own language.

Solve these following MCQ

Ques 1- Which of the following is NOT a characteristic of a DBMS?

- a) Data Redundancy
- b) Data Independence
- c) Manual File Processing
- d) Data Security

Ques 2- What is the main purpose of Data Integrity in a DBMS?

- a) Allow multiple users to access the same data
- b) Ensure data is accurate and consistent
- c) Backup data
- d) Hide table structures

Ques3- In a DBMS, which feature ensures that changes in data structure do not affect application programs?

- a) Data Security
- b) Data Redundancy
- c) Data Independence
- d) Backup and Recovery

Ques4- What is a disadvantage of DBMS?

- a) Data Security
- b) Efficient Data Management
- c) High Cost
- d) Improved Data Sharing

Ques 5-Which DBMS feature allows different users to see different parts of the data based on their role?

- a) Data Redundancy Control
- b) Query Optimization
- c) Multiple Views
- d) Data Abstraction

True or False

1. A DBMS allows only one user to access data at a time.

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**Self-Made Assignment - Database**

**Characteristics, Advantages and Disadvantages of DBMS**

2. Query Optimization helps in improving database performance.
3. Backup and Recovery is not needed if data is accurate.
4. DBMS reduces data duplication through redundancy control.
5. Adding a new column in a database table can break the entire system using DBMS.

Match the Following

A	B
1. Student sees only their own marks	a) Data Integrity
2. System restores data after a crash	b) Multiple Views
3. Rules prevent entering age as 150	c) Backup and Recovery
4. Admin and teacher access DB at same time	d) Concurrent Access

**Ques 1-**Describe any three important characteristics of a Database Management System(DBMS). For each characteristic, explain its purpose and provide a relevant example.

**Ques 2-** Discuss any three advantages and any two disadvantages of using a DBMS. Support each point with a suitable example.