Your grade: 100%

Your latest: **100%** • Your highest: **100%** • To pass you need at least 60%. We keep your highest score.

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1. What is the purpose of database replication in a distributed database architecture? **1 / 1 point**

○ High availability

○ Improved performance

○ Disaster recovery

⦿ All of the above

> ✓ **Correct**
> Correct! Database replication provides improved performance, high availability, and disaster recovery benefits.

2. Which of the following classes of database users are more likely to use Object Relational Mapping (ORM) in their workloads? **1 / 1 point**

⦿ Application Developers

○ Data Scientists

○ Database Administrators

○ Data Engineers

> ✓ **Correct**
> Correct! Most programmers these days use ORM frameworks to work with databases.

3. MySQL facilitates various storage engines. Among the options provided, which storage engines that MySQL supports employ table-level locking? **1 / 1 point**

⦿ MyISAM

○ NDB

○ InnoDB

○ Falcon

> ✓ **Correct**
> Correct! MyISAM uses table-level locking in data warehouses and web application environments.

4. PostgreSQL is a database management system with an object-relational architecture. What significance does the "object" aspect hold within PostgreSQL? **1 / 1 point**

⦿ Supports inheritance and overloading

○ Supports high availability and scalability

○ Uses Postgres source code

○ Database management

> ✓ **Correct**
> Correct! The object part describes that, like object-oriented programming languages, it supports inheritance and overloading.

5. A relation consists of columns and rows, with columns representing attributes or fields. What is the term used to describe the individual entries in the rows of a table? **1 / 1 point**

○ Data values

○ Degree

⦿ Tuples

○ Struct