Yan

Gu

yg369

Start

Time:

04:17

End

Time:

04:29

**CS527
- Quiz
#6**

✔ 1. NoSQL is about all the following items EXCEPT _____.

- ○ Non-relational database
- ○ Distributed data stores
- ● Fixed schema
- ○ Avoiding join operations
- ○ Scale horizontally
- ○ None of the above

✔ 2. _____ means that the system continues to function even the communication among the servers is unreliable.

- ○ Isolation
- ○ Durability
- ○ Atomicity
- ○ Consistency
- ○ Availability
- ● Partition Tolerance

3. _____ means all operations in a transaction succeed or every operation is rolled back.

○ Isolation
○ Durability
◉ Atomicity
○ Consistency
○ Availability
○ Partition Tolerance

4. _____ means that the system is always on (service guarantee availability), no downtime.

○ Isolation
○ Durability
○ Atomicity
○ Consistency
◉ Availability
○ Partition Tolerance

5. _____ means that the results of applying a transaction are permanent, even in the presence of failures.

○ Isolation
◉ Durability
○ Atomicity
○ Consistency
○ Availability
○ Partition Tolerance

6. They are all NoSQL databases EXCEPT _____.

○ Key-Value Store
◉ List-oriented
○ Document-oriented
○ Column-oriented

○ Graph
○ All of the above

7. They are the typical Key_Value API functions EXCEPT _____.

○ Get
○ Put
○ Delete
○ Execute
◉ Create
○ None of the above

8. Which DBMS is column-oriented?

○ SQL Server
○ MySQL
◉ Redhsift
○ Oracle
○ DB2
○ None of the above

9. _____ copies the entire database across all nodes in the distributed system.

○ Sharding
○ Backup
○ Log
◉ Replication
○ Eventual Availability
○ Distributed Database

10. "Tables" in a MySQL is equal to _____ in MongoDB.

◉ Collections
○ Documents
○ Key-Value pairs

○ Embeded Documents

○ Nodes

○ Relationships

✔ 11. "Relationships" in a MySQL is equal to _____ in Neo4j (a Graph DBMS).

     ○ Collections

     ○ Documents

     ○ Key-Value pairs

     ○ Embeded Documents

     ○ Nodes

     ⦿ Relationships

✔ 12. _____ divides the data inside the database and partitions pieces of it to different nodes.

     ⦿ Sharding

     ○ Backup

     ○ Log

     ○ Replication

     ○ Eventual Availability

     ○ Distributed Database

Correct =
12 of 12
(100%)

☑ Ready to Submit   Submit