**UNIT-5**

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| Write a note on - Cloud database and Real Time database. (CO5) |
| What is Big SQL? |
| What is MongoDB? Explain with the applications of MongoDB.&nbsp;(CO5) |
| What is Cassandra? When to use Apache Cassandra? |
| What Is Eventual Consistency In Nosql Stores? |
| How to script NoSQL DB configuration? |
| Which data model is related with NoSql? Explain the different types of NoSql database. |
| How Does NoSQL relate to big data? |
| Can you explain the transaction support by using a BASE in NoSQL? |
| Why MongoDB is known as the best NoSQL database? |
| What are covered queries? What is the importance of covered queries? (CO5) |
| What is a replica set in MongoDB? What is the primary and secondary replica set in MongoDB? |
| What is CRUD in MongoDB? |
| Why are MongoDB data files large in size? What is a storage engine in MongoDB? |
| What is the usage of profiler in MongoDB? |
| Can you explain what Big SQL is? How Big SQL Works? |
| Does NoSQL Database Interact With Oracle Database? |
| Explain the transaction support by using BASE in NoSQL systems? |
| What Scalability Problems Have You Encountered Using A NoSQL Data Store? |
| What is real time database? explain the Timing constraints and deadlines for the same. |
| Compare NoSQL &amp; RDBMS.&nbsp;(CO5) |
| What is NoSQL? What are the features of NoSQL? |
| Explain the difference between NoSQL v/s Relational database? |
| Explain “Polyglot Persistence” in NoSQL? |
| How does NoSQL DB budget memory? |
| How to script NoSQL DB configuration? |
| Does NoSQL Database Interact With Oracle Database? |
| What is the difference between NoSQL & Mysql DBs’? |
| &nbsp;Explain Oracle NoSQL database? (CO5) |
| list some of the features of NoSql |
| What are the advantages and disadvantages of NoSql? |
| What is CAP theorem? How is it applicable to NoSQL systems? (CO5) |
| What do you mean by eventual consistency in NoSQL stores? |
| List the different kinds of NoSQL data stores? |
| How to choose between non-relational (NoSQL) and relational (SQL) databases? |
| What different types of NoSQL Databases are you aware of? |
| What is DocumentDB? |
| What do you understand about NoSQL Database Performance Tuning? |
| What are different approaches to query optimization in NoSQL DB? |
| When Would You Want to Use NoSQL over SQL? |
| What are the different cloud database models. Explain |
| What is an index in MongoDB? Why is indexing important in MongoDB? |
| What is real time database system? Discuss the structure of RT-dbms. |
| What are the different cloud computing service models?&nbsp;(CO5) |
| What is cloud database? Explain the different reasons for using the cloud database. |
| What are the CRUD operations? Why are they Important? Discuss in detail. (CO5) |
| How are NoSQL and MySQL databases different from each other? |
| Why is MongoDB defined to the best NoSQL database? Explain. |
| What do you mean by MongoDB? Can you explain what Cassandra is in detail? |
| what is “Eventual Consistency” in NoSQL ? |
| Can you explain CAP theorem and the applications of CAP theorem? |
| Explain how NoSQL database budget memory in detail. |
| What do you mean by “Polyglot Persistence” in NoSQL? Explain in detail. |
| List out some of the advantages of graph database. What are the disadvanatges of using graph database? |
| Explain some of the advantages of NoSQL database. How is NoSQL database and Relational Database Management System or RDBMS different from each other? |
| Can you differentiate both SQL database and NoSQL database? |
| What do you mean by graph databases? Explain in detail |
| What do you know about NoSQL database and explain the history of NoSQL.(CO5) |
| Name some of the principle features of the NoSQL database. Explain what is key value store NoSQL database in detail |
| Explain NoSQL database in detail. List out the several NoSQL database types |
| What are some utilities for backup and restore in MongoDB?&nbsp;(CO5) |
| Explain the Replication Architecture in MongoDB. |
| What is a Replica Set in MongoDB? |
| Explain the concept of pipeline in the MongoDB aggregation framework.(CO5) |
| What is the Aggregation Framework in MongoDB? |
| What are MongoDB Charts? |
| Explain the SET Modifier in MongoDB? |
| Explain the process of Sharding. |
| What are Geospatial Indexes in MongoDB? |
| Explain the term “Indexing” in MongoDB. |
| When to use MongoDB? |
| What are the data types in MongoDB? |
| How to perform queries in MongoDB? |
| How do you Delete a Document in NoSQL? |
| How do you Update a Document in NoSQL? |
| How data security is provided in NoSQl? |
| How to add data in MongoDB? (CO5) |
| What are some features of MongoDB? |
| How does Scale-Out occur in MongoDB? |
| What is the Mongo Shell? |
| What are Databases in MongoDB? |
| What is a Collection in MongoDB? |
| What is a Document in MongoDB? |
| Explain how MongoDB is better than SQL databases? |
| What are some of the advantages of MongoDB? |
| Which company developed NoSQL database Apache Cassandra? |
| Instead of Primary Key MongoDB uses. |
| What is/are the advantages of NoSQL? (CO5) |
| Which of the following is not a NoSQL database? |
| MongoDB provides this index type that supports searching for string content in a collection. |
| These indexes use spherical geometry to return results \_\_\_\_\_\_\_\_\_\_\_. |
| MongoDB uses these indexes to index the content stored in arrays. |
| MongoDB also supports user-defined indexes on multiple fields called \_\_\_\_\_\_\_\_. |
| Point out the wrong statement |
| This index is unique and prevents clients from inserting two documents with the same value for the \_\_\_\_\_\_field |
| MongoDB supports the creation of user-defined ascending/descending indexes on which field of a document |
| Point out the correct statement |
| MongoDB indexes use which data structure? (CO5) |
| Which of the following statements is true for NoSQL databases? |
| In terms of data security, NoSQL databases don&#39;t offer the same level of security as RDBMSs due to: |
| While NoSQL databases avoid the rigid schemas of relational databases, the types of NoSQL technologies vary and can be separated into the following primary categories: |
| Which of the following relational database market leaders now also offers NoSQL software as well? |
| What is the main limitation of Hierarchical Databases? |
| The property (or set of properties) that uniquely defines each row in a table is called the: |
| The separation of the data definition from the program is known as:&nbsp;(CO5) |
| In the client / server model, the database: |
| Which of the following pipeline is used for aggregation in MongoDB? |
| MongoDB process collection of documents using these operations. |
| Applications can also control the behavior of write operations using which concern? |
| Which of the following preference determines how the client direct read operations to the set? |
| Which of the following operation adds a new document to the users collection? |
| Point out the wrong statement.&nbsp;(CO5) |
| In MongoDB which operations modify the data of a single collection? |
| MongoDB stores all documents in \_\_\_\_\_\_\_\_\_\_\_. (CO5) |
| Initial release of MongoDB was in the year? |
| Which of the following format is supported by MongoDB? |
| Point out the correct statement&nbsp; (CO5) |
| Which of the following language is MongoDB written in? |
| NoSQL databases are used mainly for handling large data volumes of this category. |
| Which of the following are the simplest NoSQL databases |
| Functionality that gives you high availability and disaster recovery. |
| Point out the wrong statement. |
| Which of the following is a wide-column store? |
| Which of the following is a NoSQL Database Type? |
| Point out the correct statement. |