**1. What is MongoDB?**

* A. Relational Database Management System
* B. NoSQL Database Management System
* C. Object-Oriented Database Management System
* D. In-Memory Database Management System

**Answer: B. NoSQL Database Management System**

**2. Which of the following is a BSON data type in MongoDB?**

* A. Integer
* B. String
* C. Boolean
* D. All of the above

**Answer: D. All of the above**

**3. What is the primary purpose of the "\_id" field in MongoDB documents?**

* A. To store the document's creation timestamp
* B. To uniquely identify each document in a collection
* C. To define the data type of the document
* D. To link documents between different collections

**Answer: B. To uniquely identify each document in a collection**

**4. Which command is used to create a new database in MongoDB?**

* A. use
* B. create
* C. db
* D. insert

**Answer: A. use**

**5. In MongoDB, what is a replica set used for?**

* A. Storing large binary data
* B. Horizontal scaling of data
* C. Ensuring high availability and fault tolerance
* D. Defining document schema

**Answer: C. Ensuring high availability and fault tolerance**

**6. How is data stored in MongoDB?**

* A. Tables
* B. Documents
* C. Rows and Columns
* D. Key-Value pairs

**Answer: B. Documents**

**7. Which method is used to find documents in a MongoDB collection based on specified criteria?**

* A. find()
* B. search()
* C. locate()
* D. retrieve()

**Answer: A. find()**

**8. What is the purpose of the $addToSet operator in MongoDB?**

* A. Adds a new field to a document
* B. Adds an element to an array only if it does not already exist
* C. Updates a document based on a specified query
* D. Removes an element from an array

**Answer: B. Adds an element to an array only if it does not already exist**

**9. How is indexing used in MongoDB?**

* A. To define the structure of a document
* B. To optimize queries and improve performance
* C. To enforce data validation
* D. To create relationships between collections

**Answer: B. To optimize queries and improve performance**

**10. What does the term "Sharding" refer to in MongoDB?**

* A. The process of creating a backup of the database
* B. The distribution of data across multiple machines to support horizontal scaling
* C. The encryption of data at rest
* D. The aggregation of data in a single node

**Answer: B. The distribution of data across multiple machines to support horizontal scaling**

**11. Which aggregation stage is used to group documents by a specified expression in MongoDB?**

* A. $match
* B. $group
* C. $project
* D. $sort

**Answer: B. $group**

**12. What is the default port number for MongoDB?**

* A. 3306
* B. 27017
* C. 5432
* D. 8080

**Answer: B. 27017**

**13. Which of the following is a valid projection in a MongoDB query?**

* A. { name: 1, age: 0 }
* B. { name: "John" }
* C. { age: { $gt: 25 } }
* D. { \_id: 0 }

**Answer: A. { name: 1, age: 0 }**

**14. What does the $push operator do in MongoDB?**

* A. Adds an element to an array
* B. Removes an element from an array
* C. Updates a document based on a specified query
* D. Adds a new field to a document

**Answer: A. Adds an element to an array**

**15. Which command is used to update documents in a MongoDB collection?**

* A. update()
* B. modify()
* C. save()
* D. set()

**Answer: A. update()**

**16. How does MongoDB provide support for transactions?**

* A. By using the $transaction operator
* B. MongoDB does not support transactions
* C. By using the startTransaction() and commitTransaction() methods
* D. By using the BEGIN and COMMIT statements

**Answer: C. By using the startTransaction() and commitTransaction() methods**

**17. Which aggregation stage is used to sort documents in MongoDB?**

* A. $match
* B. $group
* C. $sort
* D. $project

**Answer: C. $sort**

**18. What is the purpose of the $unset operator in MongoDB?**

* A. Adds a new field to a document
* B. Removes a field from a document
* C. Updates a document based on a specified query
* D. Renames a field in a document

**Answer: B. Removes a field from a document**

**19. Which method is used to remove documents from a MongoDB collection based on specified criteria?**

* A. remove()
* B. delete()
* C. drop()
* D. discard()

**Answer: A. remove()**

**20. What is the purpose of the "db.stats()" command in MongoDB?**

* A. To retrieve statistics about a specific document
* B. To check the status of a replica set
* C. To retrieve statistics about the database
* D. To check the status of an index

**Answer: C. To retrieve statistics about the database**

**21. Which MongoDB aggregation stage is used to limit the number of documents in the output?**

* A. $limit
* B. $skip
* C. $project
* D. $match

**Answer: A. $limit**

**22. What is the purpose of the "explain" method in MongoDB?**

* A. To provide information about the execution plan of a query
* B. To create an explanation document for a collection
* C. To explain the purpose of an index
* D. To display the schema of a document

**Answer: A. To provide information about the execution plan of a query**

**23. How can you create a compound index in MongoDB?**

* A. db.collection.createIndex({ field1, field2 })
* B. db.collection.ensureIndex({ field1, field2 })
* C. db.collection.index({ field1, field2 })
* D. db.collection.addIndex({ field1, field2 })

**Answer: A. db.collection.createIndex({ field1, field2 })**

**24. What is the purpose of the "text" index type in MongoDB?**

* A. To store text data in a compressed format
* B. To create an index for searching and analyzing text
* C. To store encrypted text data
* D. To enforce unique constraints on text fields

**Answer: B. To create an index for searching and analyzing text**

**25. Which command is used to drop a collection in MongoDB?**

* A. remove()
* B. deleteCollection()
* C. drop()
* D. discard()

**Answer: C. drop()**