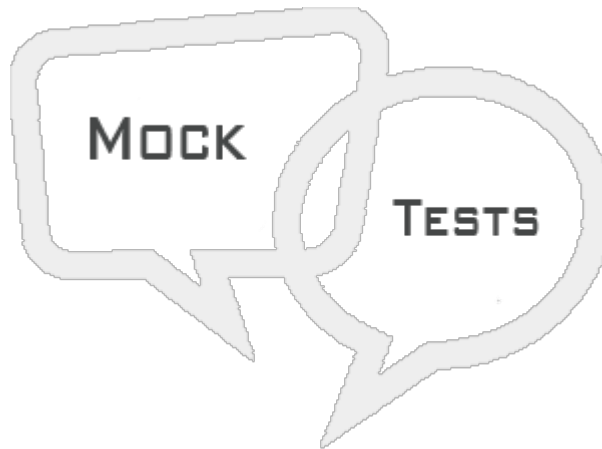


# MONGODB MOCK TEST

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This section presents you various set of Mock Tests related to **MongoDB Framework**. You can download these sample mock tests at your local machine and solve offline at your convenience. Every mock test is supplied with a mock test key to let you verify the final score and grade yourself.



## MONGODB MOCK TEST I

**Q 1 - What kind of database MongoDB is?**

- A - Graph Oriented
- B - Document Oriented
- C - Key Value Pair
- D - Column Based

**Q 2 - A collection and a document in MongoDB is equivalent to which of the SQL concepts respectively?**

- A - Table and Row
- B - Table and Column
- C - Column and Row
- D - Database and Table

**Q 3 - Which of the following is correct about MongoDB?**

- A - MongoDB uses JSON format to represent documents
- B - MongoDB supports collection joins
- C - MongoDB supports some of the SQL functions
- D - MongoDB supports geospatial indexes

**Q 4 - Which of the following is a valid MongoDB JSON document:**

- A

```
{}
```

B

```
{  
  "user_id":1,  
  "user_name":"Joe Sanders",  
  "occupation":["engineer","writer"]  
}
```

C

```
{  
  "user_id":1;  
  "user_name":"Joe Sanders";  
  "occupation":["engineer","writer"]  
}
```

D

```
{  
  "user_id":1,  
  "user_name":"Joe Sanders",  
  "occupation": [  
    "occupation1":"engineer",  
    "occupation2":"writer"  
  ]  
}
```

**Q 5 - Which of the following is correct explanation of MongoDB processes?**

- A - mongod.exe is the shell process and mongo.exe is the actual database process
- B - mongo.exe is the shell process and mongod.exe is the actual database process
- C - mongos.exe is the MongoDB server process needed to run database
- D - mongodump.exe can be used to import database backup dump

**Q 6 - Consider a collection posts which has fields: `_id`, `post_text`, `post_author`, `post_timestamp`, `post_tags` etc. Which of the following query retrieves ONLY the key named `post_text` from the first document retrieved?**

- A - `db.posts.find, {_id:0, post_text:1}`
- B - `db.posts.findOne, post_text:1`
- C - `db.posts.findOne, post_text:1`
- D - `db.posts.findOne, {_id:0, post_text:1}`

**Q 7 - Which of the following is incorrect statement about find and findOne operations in MongoDB?**

- A - find returns all the documents in a collection while findOne retrieves only the first one.
- B - find and findOne returns cursors to the collection documents
- C - findOne returns the actual first document retrieved from a collection

D - find.limit1 is not the same query as findOne

**Q 8 - In a collection that contains 100 post documents, what does the following command do?**

**db.posts.find.skip5.limit5**

A - Skip and limit nullify each other. Hence returning the first five documents.

B - Skips the first five documents and returns the sixth document five times

C - Skips the first five documents and returns the next five

D - Limits the first five documents and then return them in reverse order

**Q 9 - Which of the following MongoDB query is equivalent to the following SQL query:**

**UPDATE users SET status = "C" WHERE age > 25**

A

```
db.users.update(
  { age: { $gt: 25 } },
  { status: "C" })
```

B

```
db.users.update(
  { age: { $gt: 25 } },
  { $set: { status: "C" } })
```

C

```
db.users.update(
  { age: { $gt: 25 } },
  { $set: { status: "C" } },
  { multi: true })
```

D

```
db.users.update(
  { age: { $gt: 25 } },
  { status: "C" },
  { multi: true })
```

**Q 10 - The MongoDB explain method does not support which of the following verbosity mode:**

A - queryPlanner

B - executionStats

C - allPlansExecution

D - customExecutionStats

**Q 11 - Which is the default mode in which the explain command runs?**

- A - queryPlanner
- B - executionStats
- C - allPlansExecution
- D - customExecutionStats

**Q 12 - Within how much time does MongoDB writes are written to the journal?**

- A - 60 s
- B - 100 ms
- C - 1 s
- D - 100 s

**Q 13 - Which of the following is true about sharding?**

- A - Sharding is enabled at the database level
- B - Creating a sharded key automatically creates an index on the collection using that key
- C - We cannot change a shard key directly/automatically once it is set up
- D - A sharded environment does not support sorting functionality since the documents lie on various mongod instances

**Q 14 - What is the maximum size of a MongoDB document?**

- A - 2 MB
- B - 16 MB
- C - 12 MB
- D - There is no maximum size. It depends on the RAM.

**Q 15 - What is the maximum size of Index Key Limit and Number of Indexes per collection?**

- A - 64 bytes and 1024 indexes
- B - 12 mega bytes and 64 indexes
- C - 1024 bytes and 64 indexes
- D - 1024 bytes and unlimited indexes

**Q 16 - What is the output of the following program?**

- A - 60 s
- B - 100 ms
- C - 1 s
- D - 100 s

**Q 17 - Which of the following commands finds all the documents in the posts collection with post timestamp field as null?**

- A - `db.posts.find(post_timestamp: $type: 10)`
- B - `db.posts.find(post_timestamp: $type: null)`
- C - `db.posts.find(post_timestamp: $fieldtype: 10)`
- D - `db.posts.find(post_timestamp: $fieldtype: null)`

**Q 18 - mongoimport command is used to:**

- A - import all the data from one database to another
- B - import all the data from one collection to another
- C - imports content from an Extended JSON, CSV, or TSV export created by mongoexport
- D - import all the MongoDB data from one format to another

**Q 19 - Which of the following command can be used in mongo shell to show all the databases in your MongoDB instance?**

- A - `show dbs`
- B - `show databases`
- C - `show dbs -all`
- D - `ls dbs`

**Q 20 - Which of the following replica sets vote in the election of a primary replica set?**

- A - Secondary
- B - Hidden
- C - Delayed
- D - All of the above

**Q 21 - Which of the following command can be used to check the size of a collection named posts?**

- A - `db.posts.stats`
- B - `db.posts.findStats`
- C - `db.posts.findstats: 1`
- D - `db.statscollection: posts`

**Q 22 - Which of the following commands can cause the database to be locked?**

- A - Issuing a query
- B - Inserting data
- C - Map-reduce
- D - All of the above

**Q 23 - By default, the MongoDB cursor in mongo shell is configured to return how many documents? To get the next set of documents, which command is used?**

- A - 20, it
- B - 200, more
- C - 50, it
- D - No limit, none

**Q 24 - Which of the following commands will return all the posts with number of likes greater than 100 and less than 200, both inclusive?**

- A - `db.posts.findlikes: $gt: 100, $lt: 200;`
- B - `db.posts.findlikes: $gte: 100, $lt: 200;`
- C - `db.posts.findlikes: $gt: 100, $lte: 200;`
- D - `db.posts.findlikes: $gte: 100, $lte: 200;`

**Q 25 - In our posts collection, which command can be used to find all the posts whose author names begin lie between "A" and "C" in dictionary order?**

D - This type of search is not supported by MongoDB. *lt* and *gt* operators are applicable only for numeric values.

## ANSWER SHEET

Question Number	Answer Key
-----------------	------------

1	B
2	A
3	D
4	A
5	B
6	D
7	B
8	C
9	C
10	D

11	A
12	B
13	C
14	B
15	C
16	A
17	A
18	C
19	A
20	D
21	A
22	D
23	A
24	D
25	A

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