

## MongoDb Assessment

- What is MongoDB?

**Marked Answer :**

A NoSQL database management system

**Correct Answer :**

**A NoSQL database management system**

Total Marks : 1MARKS OBTAINED 1

- What is the purpose of a document in MongoDB?

**Marked Answer :**

To store data in a hierarchical format

**Correct Answer :**

**To store data in a key-value pair format**

Total Marks : 1MARKS OBTAINED 0

- Which of the following is a valid data type in MongoDB?

**Marked Answer :**

All of the above

**Correct Answer :**

**All of the above**

Total Marks : 1MARKS OBTAINED 1

- What is the syntax for finding all documents in a collection in MongoDB?

**Marked Answer :**

db.collection.find()

**Correct Answer :**

**db.collection.find()**

Total Marks : 1MARKS OBTAINED 1

- What is the syntax for inserting a single document into a collection in MongoDB?

**Marked Answer :**

db.collection.insertOne(document)

**Correct Answer :**

**db.collection.insertOne(document)**

Total Marks : 1MARKS OBTAINED 1

- What is the purpose of an index in MongoDB?

**Marked Answer :**

To improve query performance

**Correct Answer :**

**To improve query performance**

Total Marks : 1MARKS OBTAINED 1

- Which of the following is true about MongoDB's replication?

**Marked Answer :**

Replication in MongoDB allows for multiple copies of data to be stored on different servers

**Correct Answer :**

**Replication in MongoDB allows for multiple copies of data to be stored on different servers**

Total Marks : 1MARKS OBTAINED 1

- What is the purpose of sharding in MongoDB?

**Marked Answer :**

To improve query performance

**Correct Answer :**

**To improve query performance**

Total Marks : 1MARKS OBTAINED 1

- What is the command to create a new database in MongoDB?

**Marked Answer :**

`use <database_name>`

**Correct Answer :**

**`use <database_name>`**

Total Marks : 1MARKS OBTAINED 1

- Which of the following is a valid aggregation pipeline stage in MongoDB?

**Marked Answer :**

All of the above

**Correct Answer :**

**All of the above**

Total Marks : 1MARKS OBTAINED 1

- What is a Collection in MongoDB?

**Marked Answer :**

A group of related documents

**Correct Answer :**

**A group of related documents**

Total Marks : 1MARKS OBTAINED 1

- What is a Document in MongoDB?

**Marked Answer :**

A single record in a collection

**Correct Answer :**

**A single record in a collection**

Total Marks : 1MARKS OBTAINED 1

- What is a Shard in MongoDB?

**Marked Answer :**

A logical partition of data

**Correct Answer :**

**A logical partition of data**

Total Marks : 1MARKS OBTAINED 1

- What is a Replica Set in MongoDB?

**Marked Answer :**

A group of MongoDB instances that store the same data

**Correct Answer :**

**A group of MongoDB instances that store the same data**

Total Marks : 1MARKS OBTAINED 1

- Which of the following is true about MongoDB's dynamic schema?

**Marked Answer :**

MongoDB allows for a dynamic schema on documents

**Correct Answer :**

**MongoDB allows for a dynamic schema on documents**

Total Marks : 1MARKS OBTAINED 1

- What is the primary key in MongoDB?

**Marked Answer :**

**id**

**Correct Answer :**

**id**

Total Marks : 1MARKS OBTAINED 1

- Which of the following is NOT a supported data type in MongoDB?

**Marked Answer :**

**Decimal**

**Correct Answer :**

**Decimal**

Total Marks : 1MARKS OBTAINED 1

- Which of the following is the MongoDB query language?

**Marked Answer :**

**MQL**

**Correct Answer :**

**MQL**

Total Marks : 1MARKS OBTAINED 1

- What is the default port for MongoDB?

**Marked Answer :**

**27017**

**Correct Answer :**

**27017**

Total Marks : 1MARKS OBTAINED 1

- What is GridFS in MongoDB?

**Marked Answer :**

A way to store large files in MongoDB

**Correct Answer :**

**A way to store large files in MongoDB**

Total Marks : 1MARKS OBTAINED 1

- What is a Capped Collection in MongoDB?

**Marked Answer :**

A fixed-size collection that automatically overwrites old data

**Correct Answer :**

**A fixed-size collection that automatically overwrites old data**

Total Marks : 1MARKS OBTAINED 1

- What is the \$push operator in MongoDB?

**Marked Answer :**

A way to add elements to an array in a document

**Correct Answer :**

**A way to add elements to an array in a document**

Total Marks : 1MARKS OBTAINED 1

- What is the difference between find() and findOne() in MongoDB?

**Marked Answer :**

find() returns a cursor while findOne() returns a single document

**Correct Answer :**

**find() returns a cursor while findOne() returns a single document**

Total Marks : 1MARKS OBTAINED 1

- What is Aggregation in MongoDB?

**Marked Answer :**

A way to group and manipulate data

**Correct Answer :**

**A way to group and manipulate data**

Total Marks : 1MARKS OBTAINED 1

- What is Sharding in MongoDB?

**Marked Answer :**

A technique for distributing data across multiple machines

**Correct Answer :**

**A technique for distributing data across multiple machines**

Total Marks : 1MARKS OBTAINED 1

- What is the purpose of Index in MongoDB?

**Marked Answer :**

Indexes allow you to efficiently search for data in a collection

**Correct Answer :**

**Indexes allow you to efficiently search for data in a collection**

Total Marks : 1MARKS OBTAINED 1

- A query may include a \_\_\_\_\_ that specifies the fields from the matching documents to return

**Marked Answer :**

projection

**Correct Answer :**

**projection**

Total Marks : 1MARKS OBTAINED 1

- MongoDB stores all documents in \_\_\_\_\_

**Marked Answer :**

collections

**Correct Answer :**

**collections**

Total Marks : 1MARKS OBTAINED 1

- In MongoDB \_\_\_\_\_ operations modify the data of a single collection.

**Marked Answer :**

CRUD

**Correct Answer :**

**CRUD**

Total Marks : 1MARKS OBTAINED 1

- Which of the following pipeline is used for aggregation in MongoDB?

**Marked Answer :**

data processing

**Correct Answer :**

**data processing**

Total Marks : 1MARKS OBTAINED 1

- In MongoDB, write operations are atomic at the \_\_\_\_\_ level.

**Marked Answer :**

document

**Correct Answer :**

**document**

Total Marks : 1MARKS OBTAINED 1

- A \_\_\_\_\_ data model with embedded data combines all related data for a represented entity in a single document.

**Marked Answer :**

denormalized

**Correct Answer :**

**denormalized**

Total Marks : 1MARKS OBTAINED 1

Total Marks **31 / 32**

# **31/32**

**Question 1**

**1**

What is MongoDB?

A relational database management system

A NoSQL database management system

A file storage system

An operating system

**Question 2**

**1**

What is the purpose of a document in MongoDB?

To store data in a tabular format

To store data in a hierarchical format

To store data in a key-value pair format

To store data in a graph format

### Question 3

1

Which of the following is a valid data type in MongoDB?

Integer

String

Date

All of the above

### Question 4

1

What is the syntax for finding all documents in a collection in MongoDB?

db.collection.find()

db.find(collection)

collection.db.find()

find.collection.db()

### Question 5

1

What is the syntax for inserting a single document into a collection in MongoDB?

db.collection.insertOne(document)

db.insertOne(collection, document)

insertOne.collection.db(document)

- insertOne.document.collection.db()

## Question 6

1

What is the purpose of an index in MongoDB?

- To improve query performance

- To store large files

- To store data in a hierarchical format

- To store data in a graph format

## Question 7

1

Which of the following is true about MongoDB's replication?

- It is not possible to replicate data in MongoDB

- Replication in MongoDB allows for multiple copies of data to be stored on different servers

- Replication in MongoDB only works on a single server

- Replication in MongoDB requires the use of a separate replication tool

## Question 8

1

What is the purpose of sharding in MongoDB?

- To store large files

- To improve query performance

- To replicate data on multiple servers

- To store data in a hierarchical format

## Question 9

1

What is the command to create a new database in MongoDB?

create database <database\_name>

db.createDatabase(<database\_name>)

use <database\_name>

db.<database\_name>.create()

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## Question 10

1

Which of the following is a valid aggregation pipeline stage in MongoDB?

\$match

\$sort

\$lookup

All of the above

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## Question 11

1

What is a Collection in MongoDB?

A group of related documents

A group of related tables

A group of related fields

A group of related records

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## Question 12

1

What is a Document in MongoDB?

- A group of related documents
- A group of related tables
- A group of related fields
- A single record in a collection

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Question 13

1

What is a Shard in MongoDB?

- A physical server that stores data
- A logical partition of data
- A type of index in MongoDB
- A backup copy of data

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Question 14

1

What is a Replica Set in MongoDB?

- A group of shards
- A group of collections
- A group of documents
- A group of MongoDB instances that store the same data

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Question 15

1

Which of the following is true about MongoDB's dynamic schema?

- MongoDB enforces a fixed schema on documents
- MongoDB allows for a dynamic schema on documents
- MongoDB allows for a dynamic schema on collections
- MongoDB allows for a dynamic schema on databases

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## Question 16

1

What is the primary key in MongoDB?

- id
- key
- index
- primary

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## Question 17

1

Which of the following is NOT a supported data type in MongoDB?

- Object
- Boolean
- Date
- Decimal

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## Question 18

1

Which of the following is the MongoDB query language?

SQL

NoQL

JSON

MQL

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## Question 19

1

What is the default port for MongoDB?

27017

27018

27019

27107

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## Question 20

1

What is GridFS in MongoDB?

A way to store large files in MongoDB

A way to store images in MongoDB

A way to encrypt data in MongoDB

A way to index data in MongoDB

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## Question 21

1

What is a Capped Collection in MongoDB?

A fixed-size collection that automatically overwrites old data

A collection that is created by MongoDB automatically

A collection that stores only binary data

A collection that stores data in a compressed format

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Question 22

1

What is the \$push operator in MongoDB?

A way to add elements to an array in a document

A way to update a field in a document

A way to delete a field in a document

A way to aggregate data in a collection

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Question 23

1

What is the difference between find() and findOne() in MongoDB?

find() returns a cursor while findOne() returns a single document

find() returns a single document while findOne() returns a cursor

find() and findOne() both return a cursor

find() and findOne() both return a single document

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Question 24

1

What is Aggregation in MongoDB?

- A way to group and manipulate data
- A way to encrypt data in MongoDB
- A way to backup data in MongoDB
- A way to index data in MongoDB

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## Question 25

1

What is Sharding in MongoDB?

- A technique for distributing data across multiple machines
- A technique for encrypting data in MongoDB
- A technique for backing up data in MongoDB
- A technique for indexing data in MongoDB

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## Question 26

1

What is the purpose of Index in MongoDB?

- Indexes allow you to efficiently search for data in a collection
- Indexes allow you to add data to a collection
- Indexes allow you to remove data from a collection
- None of the above

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## Question 27

1

A query may include a \_\_\_\_\_ that specifies the fields from the matching

documents to return

selection

projection

union

none of the mentioned

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## Question 28

1

MongoDB stores all documents in \_\_\_\_\_

tables

collections

rows

all of the mentioned

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## Question 29

1

In MongoDB \_\_\_\_\_ operations modify the data of a single collection.

CRUD

GRID

READ

All of the mentioned

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## Question 30

1

Which of the following pipeline is used for aggregation in MongoDB?

data processing

information processing knowledge processing none of the mentioned

## Question 31

1

In MongoDB, write operations are atomic at the \_\_\_\_\_ level.

 collection document row row

## Question 32

1

A \_\_\_\_\_ data model with embedded data combines all related data for a represented entity in a single document.

 normalized denormalized non relational relational