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 :

   String

   Correct Answer :

   All of the above

   Total Marks : 1MARKS OBTAINED 0

- 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 replicate data on multiple servers

  Correct Answer :

  To improve query performance

  Total Marks : 1MARKS OBTAINED 0

- 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 **29 / 32**

29/32

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()

Question 10   1

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

○ $match

○ $sort

○ $lookup

◉ All of the above

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

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

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

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

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

Question 16   1

What is the primary key in MongoDB?

◉ id

○ key

○ index

○ primary

Question 17   1

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

○ Object

○ Boolean

○ Date

◉ Decimal

Question 18   1

Which of the following is the MongoDB query language?

○ SQL

○ NoQL

○ JSON

● MQL

Question 19   1

What is the default port for MongoDB?

● 27017

○ 27018

○ 27019

○ 27107

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

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

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

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

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

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

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

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

Question 28   1

MongoDB stores all documents in _____

○ tables

◉ collections

○ rows

○ all of the mentioned

Question 29   1

In MongoDB _____ operations modify the data of a single collection.

◉ CRUD

○ GRID

○ READ

○ All of the mentioned

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