

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()

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