



Free Questions for C100DBA by certscare

Shared by Ruiz on 09-08-2024

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Question 1

Question Type: MultipleChoice

What does the totalKeysExamined field returned by the explain method indicate?

Options:

- A- Number of documents that match the query condition
- B- Number of index entries scanned
- C- Details the completed execution of the winning plan as a tree of stages
- D- Number of documents scanned

Answer:

B

Question 2

Question Type: MultipleChoice

Which of the following commands can cause the database to be locked?

Options:

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

Answer:

A

Question 3

Question Type: MultipleChoice

Which of the following operator can be used to control the number of items of an array that a query returns?

Options:

A- \$ elemMatch

B- \$slice

C- \$

D- MongoDB does not support partial retrieval of items from an array

Answer:

B

Question 4

Question Type: MultipleChoice

Which of the following is true about aggregation framework?

Options:

A- Each aggregation operator need to return atleast one of more documents as a result

- B-** the aggregate command operates on a multiple collection
- C-** A single aggregation framework operator can be used more than once in a query
- D-** Pipeline expressions are stateless except accumulator expressions used with \$group operator

Answer:

A, C, D

Question 5

Question Type: MultipleChoice

Consider that you have a collection called population which has fields state and city. Which of the following query will calculate the population grouped by state and city?

Options:

A- db.population.aggregate([{ \$group: { _id: { state: '\$state', city: '\$city' }, pop: { \$pop: 1 } } }])

B- db.population.aggregate([{ \$group: { _id: { city: '\$city' }, pop: { \$sum: '\$pop' } } }]) Multi Document Transaction is not supported by MongoDB

C- db.population.aggregate([{ \$group: { _id: { state: Estate', city: '\$city' },pop: { \$sum: '\$pop' } } }])

D- db.population.aggregate([{ \$group: { _id: { state: Estate', city: '\$city' },pop: { \$sum: 1 > > >])

Answer:

C

Question 6

Question Type: MultipleChoice

Which type of indexes does MongoDB support?

Options:

A- All of the above

B- Compound Indexes

C- Multikey Indexes

D- Geospatial Indexes

Answer:

A

Question 7

Question Type: MultipleChoice

In a sharded replicas set environment with multiple mongos servers, which of the following would decide the mongos failover?

Options:

A- mongos

B- mongo shell

C- individual language drivers

D- mongod

Answer:

C

Question 8

Question Type: MultipleChoice

Update If Correct is an approach for which of the following concepts in MongoDB:

Options:

- A- Concurrency Control
- B- Atomicity
- C- Performance Management
- D- Transaction Management

Answer:

A

Question 9

Question Type: MultipleChoice

Consider the following document from the products collection:

```
{
  _id: 1,
  product_code: "345678",
  variations: [
    { size: "L", price: 1000 },
    { size: "M", price: 800 }
  ]
}
```

What does the following query using \$elemMatch return? `db.products.find({ product_code: "345678" }, { variations: { $elemMatch: { size: "L" } } })`

Options:

- A-** Returns the complete document but retrieves only the size field from the array
- B-** Returns the document but with only one element in the variations array (corresponding to size L)
- C-** Returns the complete document since MongoDB does not support partial array retrieval
- D-** Returns the complete document but retrieves only the size field from the array and also with only one element in the variations array (corresponding to size L)

Answer:

B

Question 10

Question Type: MultipleChoice

Which operations add new documents to a collection?

Options:

A- Create

B- update

C- insert

D- delete

Answer:

A, C

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