

# Latest Version: 6.0

## Question: 1

What does the following aggregate query perform?

```
db.posts.aggregate( [
  { $match : { likes : { $gt : 100, $lte : 200 } } },
  { $group: { _id: null, count: { $sum: 1 } } }
] );
```

- A. Fetches the posts with likes between 100 and 200 and sets their `_id` as null
- B. Groups the posts by number of likes (101, 102, 103..) by adding 1 every time
- C. Calculates the number of posts with likes between 100 and 200
- D. Fetches the posts with likes between 100 and 200, sets the `_id` of the first document as null and then increments it 1 every time

**Answer: C**

## Question: 2

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: { $fieldtype: null } } )`
- B. `db.posts.find( { post_timestamp: { $type: null } } )`
- C. `db.posts.find( { post_timestamp : { $type; 10 > > } } )`
- D. `db.posts.find( { post_timestamp: { $fieldtype: 10 } } )`

**Answer: C**

## Question: 3

What is the first task that a secondary would perform on being prompted by another secondary for an election?

- A. Start the election process for primary
- B. Vote for the first secondary so that it would become the next primary
- C. Vote for itself and then call for election
- D. Connect to primary to confirm its availability

**Answer: D**

### Question: 4

Aggregation Pipelines have a limit of:

- A. No limit on document and 100 MB RAM
- B. 2 MB document and no limit on RAM
- C. 2 MB document and 100 MB RAM
- D. 16 MB document and 100 MB RAM

**Answer: D**

### Question: 5

Which option should be used to update all the documents with the specified condition in the MongoDB query?

- A. specify {all: true} as the third parameter of update command
- B. updateAll instead of update
- C. specify {updateAll: true} as the third parameter of update command
- D. specify {multi : true} as the third parameter of update command

**Answer: D**

### Question: 6

Which mongodb tools allow us to work with our data in a human readable format?

- A. mongodump
- B. mongostat
- C. mongoimport
- D. mongoexport

**Answer: C, D**

### Question: 7

In which of the following scenarios is sharding not the correct option. Select all that apply.

- A. The write operations on the collection are low
- B. The write operations on the collection are very high
- C. The working set in the collection is expected to grow very large in size
- D. The collection is a read intensive collection with less working set

**Answer: A, D**

### Question: 8

In a sharded cluster, from which node does one stop the balancer process before initiating backup?

- A. Any node
- B. replicaset primary node
- C. config server node
- D. mongos node

**Answer: D**

### Question: 9

Which command is used to determine storage capacity of specific database?

- A. mongotop
- B. dbstats
- C. mongostat
- D. constats

**Answer: B**

### Question: 10

What is the maximum size of a MongoDB document

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

**Answer: A**

## Question: 11

What is the maximum size of a MongoDB document?

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

**Answer: D**

## Question: 12

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?

- A. `db.population.aggregate( [ { $group: { _id: { state: "$state", city: "$city" }, pop: { $sum: 1 >>> } } ] )`
- B. `db.population.aggregate( [ { $group: { _id: { state: Estate", city: "$city" }, pop: { $pop: 1 } } } ] )`
- C. `db.population.aggregate( [ { $group: { _id: { state: Estate", city: n$city" }, pop: { $sum: "$pop" } } } ] )`
- D. `db.population.aggregate( [ { $group: { _id: { city: "$city" }, pop: { $sum: "$pop" } } } ] )` Multi Document Transaction is not supported by MongoDB

**Answer: C**

## Question: 13

Which of the following does MongoDB use to provide High Scalability?

- A. Replication
- B. Write Concern
- C. Indexing
- D. Sharding

**Answer: D**