**Mini Test-Java Fresher Program**

**SQL and NoSQL**

Duration: 15 minutes

1. What kind of database MongoDB is?

A - Graph Oriented

B - Document Oriented

C - Key Value Pair

D - Column Based

2. Within how much time does MongDB writes are written to the journal?

A - 60 seconds

B - 100 miliseconds

C - 10 seconds

D - 100 seconds

3. Which of the following is supported by MongoDB?

A - ACID Transactions

B - Relationships between Collections (Primary Key � Foreign Key)

C - Journaling

D - Transaction Management

4. The \_\_\_\_\_\_\_\_ operator splits a document with an array into multiple documents.

A - $sort

B - $unwind

C - $split

D - An array cannot be splitted into multiple documents.

5. Which of the following MongoDB query is equivalent to the following SQL query:

UPDATE users SET status = "C" WHERE age > 25

A -

db.users.update(

{ age: { $gt: 25 } },

{ status: "C" })

B -

db.users.update(

{ age: { $gt: 25 } },

{ $set: { status: "C" } })

C -

db.users.update(

{ age: { $gt: 25 } },

{ $set: { status: "C" } },

{ multi: true })

D -

db.users.update(

{ age: { $gt: 25 } },

{ status: "C" },

{ multi: true })

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

A - updateAll instead of update

B - specify {multi : true} as the third parameter of update command

C - specify {all: true} as the third parameter of update command

D - specify {updateAll: true} as the third parameter of update command

7. Which of the following is correct about MongoDB?

A - MongoDB uses JSON format to represent documents

B - MongoDB supports collection joins

C - MongoDB supports some of the SQL functions

D - MongoDB supports geospatial indexes

8. Which of the following MongoDB query is equivalent to the following SQL query:

SELECT \* FROM users WHERE age != 40

A - db.users.find({age:(ne:40)})

B - db.users.find({age:{$ne:40}})

C - db.users.find({'age':{$ne:40}})

D - db.users.find({$age:{ne:40}})

9. What is one of disadvantages in SQL mentioned below?

A - SQL is not designated for distributed servers

B - The secured restriction

C - Data store integrity

D - None of above

10. MongoDB supports query joins between collections.

A - True

B - False

11. Replica sets in MongoDB offer the following benefits (pick all that apply):

A - Data redundancy

B - Distributed transaction support

C - Automated failover & high availability

D - Disaster not recovery

12. Following represent column in NoSQL \_\_\_\_\_\_\_\_\_\_.

A - Database

B - Collection

C - Field

D - Document

13. Please fix following query in Mongo DB:

db.words.find({}).sort({spelling:1}).rows(3)

A - db.words.find({}).sort({spelling:1}).limit(3)

B - db.words.find({}).skip({spelling:1}).row(3)

C - db.words.find({}).skip({spelling:1}).limit(3)

D - db.words.find({}).unwind({spelling:1}).row(3)

14. Does NoSQL databases prohibits the use of SQL?

A - Yes

B - No

C - In certain cases yes

D - In certain cases no

15. Which of the following is not valid for NoSQL?

A - Less scalable

B - High performance

C - Cross-platform

D - Document oriented