Final Exam

Final: Question 6

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Correct Answer:

`com.mongodb.MongoTimeoutException` is thrown when an operation does not complete within a period of time. Those scenarios include not getting an answer from the server, not finding a *Primary* to perform a write, etc.

In this case, it is not finding a *Primary* within 30 seconds. You can change the value of the period through the setting `serverSelectionTimeoutMS`.

So a `MongoTimeoutError` Exception would be raised after that time.

Incorrect Answers:

- `com.mongodb.MongoServerException` is not an exception per se, it is a base class for many exceptions. Errors discovered by the MongoDB server, like write exceptions, will be returned to the driver and be thrown by the Java driver as sub-classes of this base Exception.
- `com.mongodb.MongoCursorNotFoundException` is an example of error that is a subclass of `com.mongodb.MongoServerException`. An error is reported by the server and then thrown by the client application.
- `com.mongodb.MongoConfigurationException` is usually thrown at the earlier stage of a connection when invalid configuration options are discovered.
- `org.bson.BsonInvalidOperationException` is usually thrown when the contents of the document is missing fields or has unexpected types for the provided fields.

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