



SHREEH.N.SHUKLA COLLEGE OF I.T. & MGMT.

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PRELIMS EXAM

STREAM: MSCIT - 1

SUB: MongoDB

MARKS: 70

Q-1(A) ANSWER THE FOLLOWING IN ONE SENTENCE.

4

1. What is NoSQL ?
2. What is Big Data.
3. Explain database, collection and document definitions.
4. Explain DBaaS.

Q-1(B) ANSWER THE FOLLOWING. (ANY ONE)

2

1. Give the steps for php installation for MongoDB in windows platform.
2. Give difference between sql and nosql.

Q-1(C) ANSWER THE FOLLOWING. (ANY ONE)

3

1. Explain Locally hosted database.
2. Explain history of nosql.

Q-1(D) ANSWER THE FOLLOWING. (ANY ONE)

5

1. Give the features of NoSQL.
2. Explain Types of NoSQL.

Q-2(A) ANSWER THE FOLLOWING IN ONE SENTENCE.

4

1. Give the difference between MongoDB and MySQL.
2. Give the command to start MongoDB server and client.
3. Explain –dbpath.
4. Which is the default port number of mongodb?

Q-2(B) ANSWER THE FOLLOWING.(ANY ONE)

2

1. Give the syntax for connecting a server running on different host.
2. What is getNext()?



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Q-2(C) ANSWER THE FOLLOWING.(ANY ONE) 3

1. Advantage of Mongoddb over RDBMS.
2. Explain Normalized Data Models.

Q-2(D) ANSWER THE FOLLOWING.(ANY ONE) 5

1. Give the steps for php installation for Mongoddb in unix.
2. Explain insert() and remove() with example.

Q-3(A) ANSWER THE FOLLOWING IN ONE SENTENCE. 4

1. What is HTTP session?.
2. Which file is used to configure session on server?
3. Explain Session handling methods.
4. What is the use of unset().?

Q-3(B) ANSWER THE FOLLOWING.(ANY ONE) 2

1. What is the use of isset() ?
2. Explain session garbage collector.

Q-3(C) ANSWER THE FOLLOWING.(ANY ONE) 3

1. Explain Session Manager.
2. Write a code to use session in login and logout page.

Q-3(D) ANSWER THE FOLLOWING.(ANY ONE) 5

1. Explain Session in php with example.
2. Explain session_set_save_handler in detail.

Q-4(A) ANSWER THE FOLLOWING IN ONE SENTENCE. 4

1. Explain distinct command.
2. Give the list of aggregation expressions.
3. Explain count() and sorting().
4. Explain emit().



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Q-4(B) ANSWER THE FOLLOWING.(ANY ONE) 2

1. Explain \$group and \$match commands in aggregation.
2. Explain unwind.

Q-4(C) ANSWER THE FOLLOWING.(ANY ONE) 3

1. Explain aggregation pipeline.
2. Give the difference between mapreduce and group().

Q-4(D) ANSWER THE FOLLOWING.(ANY ONE) 5

1. Explain Aggregation & its expressions.
2. Explain Map Reduce with example.

Q-5(A) ANSWER THE FOLLOWING IN ONE SENTENCE. 4

1. What is chunk file?.
2. What is GridFS?
3. Explain Optimization.
4. GridFS divided a file into chunks. (true or false)

Q-5(B) ANSWER THE FOLLOWING.(ANY ONE) 2

1. Explain Find command in GridFS.
2. Explain mongorestore with all options.

Q-5(C) ANSWER THE FOLLOWING.(ANY ONE) 3

1. Explain Replication.
2. Explain GridFS commands.

Q-5(D) ANSWER THE FOLLOWING.(ANY ONE) 5

1. Give advantages and disadvantages of GridFS.
2. What is sharding? Explain horizontal partitioning.

BEST OF LUCK