

M.Sc.(IT & CA) Semester - 1 (CBCS) Examination
Nov/Dec - 2022 [OLD COURSE]
NoSQL Database MongoDB(CORE)

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que: 1 (A) Answer the Following Question 04
- (1) SQL stands for
 - (2) Which command display the list of databases in MongoDB?
 - (3) Mongoddb is document based database. (true/false)
 - (4) To open mongo-client which command is used?
- Que: 1 (B) Answer the Following Question (Any One) 02
- (1) Explain advantages of NoSQL database.
 - (2) Explain MongoDB as document based database.
- Que: 1 (C) Answer the Following Question (Any One) 03
- (1) Explain MongoDB with advantage and disadvantage.
 - (2) Explain data model in detail.
- Que: 1 (D) Answer the Following Question (Any One) 05
- (1) Explain types of NoSQL databases with its use cases.
 - (2) Write down steps to install mongoddb in windows platform with php configuration.
- Que: 2 (A) Answer the Following Question 04
- (1) Full name of RDBMS
 - (2) Write code to display default port using PHP MongoDB?
 - (3) What is the full form of DBMS?
 - (4) ____function is used to display all documents from MongoDB.
- Que: 2 (B) Answer the Following Question (Any One) 02
- (1) Write steps how to install and configure MongoDB.
 - (2) Explain Delete documents MongoDB.
- Que: 2 (C) Answer the Following Question (Any One) 03
- (1) Explain embedded and reference document.
 - (2) Explain update document in MongoDB with example.
- Que: 2 (D) Answer The Following Question (Any One) 05
- (1) Write PHP script to display all documents into MongoDB database.
 - (2) Explain find() with all operators.
- Que: 3 (A) Answer the Following Question 04
- (1) HTTP stands for _____.
 - (2) What is Session?
 - (3) Which function initialize the session in PHP?
 - (4) Which magic method is used for constructor in PHP?
- Que: 3 (B) Answer the Following Question (Any One) 02
- (1) Explain open() and destroy() methods.
 - (2) What authentication and authorization.

Que: 3 (C) Answer the Following Question (Any One)	03
(1) Explain magic methods in PHP.	
(2) How to implement session in MongoDB.	
Que: 3 (D) Answer The Following Question (Any One)	05
(1) Explain MongoDB and RDBMS in detail.	
(2) Create login, logout application with session using MongoDB.	
Que: 4 (A) Answer the Following Question	04
(1) Which method list the distinct values for a specified field of the documents in collection.	
(2) Which method is used to count number of documents in a collection?	
(3) Which method lists the distinct values for a specified field of the documents in collection?	
(4) HTTP is stateless protocol.(true/false)	
Que: 4 (B) Answer the Following Question (Any One)	02
(1) What is MapReduce?	
(2) Explain map() method with example.	
Que: 4 (C) Answer the Following Question (Any One)	03
(1) Explain run Command() with mapreduce concept.	
(2) Explain Real-time analytics using MongoDB.	
Que: 4 (D) Answer The Following Question (Any One)	05
(1) Explain map reduce using suitable example.	
(2) Explain group() function with example.	
Que: 5 (A) Answer the Following Question	04
(1) Default size of chunk file?	
(2) GridFS by default stores a file in two separate collections: ____and ____.	
(3) Which command is used to back up of database in MongoDB?	
(4) Which command is used to restore database in MongoDB?	
Que: 5 (B) Answer the Following Question (Any One)	02
(1) What is Optimization?	
(2) What is grid?	
Que: 5 (C) Answer the Following Question (Any One)	03
(1) Explain role of Database Administration.	
(2) How to Reading files in chunks.	
Que: 5 (D) Answer The Following Question (Any One)	05
(1) Write suitable code for storing files from GridFS.	
(2) Explain GridFS in detail with example.	
