



**ADAMAS UNIVERSITY END-SEMESTER EXAMINATION :**  
**JUNE 2024**

|   |  |                           |                 |
|---|--|---------------------------|-----------------|
| <b>Name of the Program:</b>                                   | <b>B. Tech CSE,<br/>CSE(AI&amp;ML),<br/>CSE(CSF)</b>   | <b>Semester:</b>          | <b>VI</b>       |
| <b>Paper Title :</b>  | <b>Unstructured Database</b>   | <b>Paper Code:</b>        | <b>CSE12002</b> |
| <b>Maximum Marks:</b>   | <b>50</b>  | <b>Time Duration:</b>     | <b>3HR</b>      |
| <b>Total No of questions:</b>                                 | <b>12</b>  | <b>Total No of Pages:</b> | <b>2</b>        |
| (Any other information for the student may be mentioned here) | <b>1. At top sheet, clearly mention Name, Univ. Roll No., Enrolment No., Paper Name &amp; Code, Date of Exam.</b><br><b>2. All parts of a Question should be answered consecutively. Each Answer should start from a fresh page.</b><br><b>3. Assumptions made if any, should be stated clearly at the beginning of your answer.</b> |                           |                 |

**Answer all the Groups**

*Generated using an automated paper generation system*

*A project created by Dipanjan Laha*

Answer all the Groups

**Group A**

Answer all the following Questions

2x5 = 10

Q1: what does the below command do?

```
Administrator: Command Prompt - m...
> db.createCollection("students")
{ "ok" : 1 }
```

Q2: Give reasons why MongoDB uses BSON to store data

Q3: Differentiate between MongoDB atlas and compass

Q4: What is the default port number of MongoDB running on local host?

Q5: Which file formats are used in MongoDB?

## Group B

*Answer all the following Questions*

*4x5 = 20*

Q1: Differentiate between Mongoose and Mongosh

Q2: What is replicaton in MongoDB?

Q3: How to create a collection and access the collection which has a space in between the name of the collection?

Q4: Explain pipeline in MongoDB with example

Q5: What is MongoDB?

## Group C

*Answer all the following Questions*

*10x2 = 20*

Q1: Differentiate between structured, semi-structured and unstructured data

Q2: Explain the architecture (Client-Server architecture) of MongoDB with diagram