

**6231**  
**BOARD DIPLOMA EXAMINATION**  
**JUNE - 2019**  
**\* DIPLOMA IN COMPUTER ENGINEERING/INFORMATION TECHNOLOGY**  
**DBMS**  
**THIRD SEMESTER EXAMINATION**

**Time: 3 Hours**

**Total Marks: 80**

**PART - A (3m x 10 = 30m)**

*Note 1: Answer all questions and each question carries 3 marks*

*2: Answers should be brief and straight to the point and shall not exceed 5 simple sentences*

1. What is Logical data Independence?
2. What are the main goals of database systems?
3. Define the terms-Super key, Candidate Key, Primary Key
4. What is character literal in SQL? Give example
5. What are the different types of comments used in SQL? Give example
6. How to refer SQL schema objects and their parts
7. List the built in functions in PL/SQL.
8. What is NOSQL?
9. How to drop a Database in Mongo DB?
10. How to create Collection in Mongo DB?

**PART - B (10m x 5 = 50m)**

*Note 1: Answer any five questions and each question carries 10 marks*

*2: The answers should be comprehensive and the criteria for valuation is the content but not the length of the answer*

11. Explain the management of integrity constraints
12. Explain entity and Entity sets with example
- \* 13. List and explain various types of SQL Joins with example
14. Explain Recursion with an example
15. Explain PL/SQL tables and user defined records
16. Write any five Advantages and five disadvantages of NOSQL?
- \* 17. List the Applications of Mongo DB

18A. Explain the concept of embedded SQL with an example

B. List the Differences between the RDBMS and NOSQL?

\*

- xxx -

030 030 030 030 030

\*

\*