C16-**CM/IT-305**

6231

BOARD DIPLOMA EXAMINTION

SEPTEMBER/OCTOBER - 2020

DCME – THIRD SEMESTER

DBMS

Time: 3 hours Max. Marks: 80

PART – A **3 X 10 = 30**

Instructions: *1. Answer **all** questions.*
*2. Each question carries **Three** Marks.*
3. Answer should be brief and straight to the point and should not exceed
Five simple sentences.

1. Define Primary key.
2. Define instance and schema.
3. List any three schema objects.
4. List transaction control commands.
5. Write about lexical conventions of SQL
6. List any three character conversion functions in SQL.
7. Write the advantages of exception handling.
8. Compare RDBMS and No SQL.
9. Write the applications of Mongo DB.
10. How to drop a database in Mongo DB.

[cont..,

PART – B 5 X 10 = 50

***Instructions**:* *1. Answer any **Five** questions*
*2. Each question carries **TEN** Marks.*
3. Answer should be comprehensive and Criteria for Valuation is the content but not the length of the answer.

11. Explain generalization, specialization and aggregation. 3+3+4M

12. Explain integrity constraints with an example.

13. Explain joins with examples.

14. (a) Explain SQL Date and number format models. 5M

    (b) Differentiate between PL/SQL functions and procedures. 5M

15. Explain decision making statements in PL/SQL with example.

16. (a) Explain parameter modes in functions and procedures in PL/SQL. 5M

    (b) Explain the need for No SQL. 5M

17. Explain key value stores databases.

18. Explain data types of Mongo DB.