



C16-CM/IT-305

6231

**BOARD DIPLOMA EXAMINATION, (C-16)
OCT/NOV—2018
DCME—THIRD SEMESTER EXAMINATION**

DBMS

Time : 3 hours]

[Total Marks : 80

PART—A

3×10=30

Instructions : (1) Answer **all** questions.
(2) Each question carries **three** marks.
(3) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

1. List the advantages of database system.
2. Define an entity and entity set.
3. List the database users.
4. Write the benefits of SQL.
5. List the Oracle tools that support for SQL.
6. List the pseudo columns.
7. Write a PL/SQL program to find biggest of three numbers.
8. Write the advantages of No SQL.
9. List the applications of Mongo DB.
10. Write how to delete document in Mongo DB.

PART-B

10×5=50

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- Instructions :** (1) Answer *any five* questions.
(2) Each questions carries **ten** marks.
(3) Answers should be comprehensive and the criteria for valuation are the content but not the length of the answer.

11. Explain overall DBMS structure with diagram.
12. Explain E F CODD's rules for RDBMS.
13. Explain data types in SQL.
14. a) Explain Transaction control commands.
b) Write the advantages of subprograms.
15. Explain loop control statements in PL/SQL with example.
16. a) Explain any five built in exceptions with suitable example for each.
b) Compare ACID and BASE properties.
17. Explain about graph databases.
18. Explain creation of a database and dropping of a database in Mongo DB

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