6231

BOARD DIPLOMA EXAMINATION
MARCH/APRIL - 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. List the features of DBMS
2. What is data Independence?
3. Define the terms-Super key, Candidate Key, Primary Key
4. What is numeric literal in SQL? Give example
5. How to refer SQL schema objects and their parts
6. What are the different types of comments used in SQL? Give example
7. List the features of PL/SQL
8. State the need for NOSQL
9. List various data types in Mongo DB
10. How to create a database 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. What is Database abstraction? Explain with the help of a diagram
12. Explain the management of integrity constraints
13. Explain the benefits of SQL
14. Explain Recursion with an example
15. Explain PL/SQL tables and user defined records
16. Explain about Graph Databases

17. Explain the following commands in Mongo DB
    i) Update document
    ii) Deleting Documents
    iii) Sorting Documents

18A. Explain Data Definition Language commands in SQL with examples

B. List the Differences between the RDBMS and NOSQL?

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