



C14-CM-306/C14-IT-306

4236

**BOARD DIPLOMA EXAMINATION, (C-14)**  
**OCT/NOV—2016**  
**DCME—THIRD SEMESTER EXAMINATION**

RDBMS

Time : 3 hours ]

[ Total Marks : 80

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**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 out any three disadvantages of file processing system.
2. Define an instance and a schema.
3. Define primary key and give an example.
4. List out the data types in SQL.
5. List any three scalar functions in SQL.
6. Give the syntax for INSERT command.
7. Define a sequence.
8. Define PL/SQL.

- \* 9. What are the uses of trigger?
10. What are the advantages of a package?

**PART—B**

10×5=50

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

11. (a) State the purpose of database systems. 5  
(b) What are the applications of database systems? 5
12. Explain generalization, specialization and aggregation with an example.
13. Explain SQL character functions with examples.
14. (a) Explain the lexical conventions used in SQL. 5  
(b) Explain about indexes. 5
15. List and explain the integrity constraints in SQL with examples.
16. Explain the data types of PL/SQL with examples.
17. (a) Write PL/SQL code block to print sum of odd numbers below 100. 5  
(b) Write PL/SQL code block to reverse a given number. 5
- \* 18. What are the rules of overload subprograms? Give an example for overloaded subprogram.

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