



C09-CM-306/C09-IT-306

**3232**

**BOARD DIPLOMA EXAMINATION, (C-09)  
MARCH/APRIL—2017  
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) Answer should be brief and straight to the point and shall not exceed *five* simple sentences.

1. Define relationship and relationship set.
2. Define Database Management System (DBMS).
3. Construct an E-R diagram for the statement 'driver drives a car'.
4. What is a literal? Give any two examples.
5. Give the syntax for UPDATE command.
6. What is check integrity constraint? Give an example.
7. Define schema.

- \* 8. List different built-in functions.
- 9. List any three pre-defined exceptions.
- 10. List the advantages of stored subprograms.

**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. Describe the overall database system structure with block diagram.
- 12. Define 2nd normal form. What are the problems encountered in tables that are not in 2nd NF?
- 13. Give the syntax for referring schema objects in SQL statement. Explain with an example.
- 14. Explain the creation of view from multiple tables with example.
- 15. List and explain the four steps involved in managing explicit cursors with example.
- 16. List and explain different modes of parameters.
- 17. (a) Explain how overloading can be implemented in PL/SQL.  
(b) How the compiler resolves a particular overloaded subprogram?
- \* 18. (a) What is self-join? Give an example with explanation.  
(b) Explain the procedure to alter a table with example.

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