C09–CM–**306**

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BOARD DIPLOMA EXAMINATION, (C–09)
MARCH/APRIL—2014
DCM—THIRD SEMESTER EXAMINATION

RDBMS

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. What is meant by database abstraction?

2. Define instance and schema.

3. What is data independence?

4. Name the various oracle tools that support for SQL.

5. List the pseudocolumns in SQL.

6. Write the syntax for creating and altering a table.

7. Write the procedure for creating and dropping indexes for table columns.

8. List the features of PL/SQL.

9. Name different data types present in PL/SQL.

10. What is stored subprogram?

<div align="center">PART—B</div> 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. Explain various data models used in database design.

12. *(a)* Explain the functions of database administrator.

(b) Explain the overall system structure with neat sketch.

13. *(a)* Explain the benefits of SQL.

(b) Explain about embedded SQL.

14. *(a)* Explain the group functions of SQL.

(b) Explain the procedure of creating and altering sequences.

15. Explain the management of integrity constraints.

16. *(a)* Explain about various iterative control structures of PL/SQL.

(b) Write a PL/SQL program to find the factorial of given integer and store the integer with its factorial in a table.

17. *(a)* Explain different parameter modes of PL/SQL subprogram.

(b) Explain cursor management in detail.

18. *(a)* Explain the advantages of packages.

(b) Explain the process of overloading a subprogram with suitable example.

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