C09–CM–**306**

3232

BOARD DIPLOMA EXAMINATION, (C–09)

OCT/NOV—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) Answer should be brief and straight to the point and shall not exceed *five* simple sentences.

1. Define the terms entity and entity set.

2. Construct an *E-R* diagram for the statement 'Students write examinations'.

3. Define data abstraction.

4. List Oracle products which support SQL.

5. List any three scalar functions in SQL.

6. List the different integrity constrains.

7. List the different types of view.

8. Write the syntax of creating trigger.

9. What are the advantages of subprogram?

10. Define overloading of a subprogram. What is the purpose of overloading?

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. List explain the Codd's rules.

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

(b) Explain the different users in database management system.

13. List and explain DML commands.

14. List and explain various schema objects.

15. *(a)* List the advantages of exception.

(b) Consider the following block of PL/SQL code :

```
DECLARE
V_Number NUMBER(3)='ABC' ;
BEGIN
    …
EXCEPTION
  WHEN OTHERS THEN
      ….
END;
```

Explain the propagation of exception in the above block of code.

16. Describe the features of PL/SQL.

17. *(a)* Write the syntax for package specification.

(b) List the advantages of packages and explain.

18. *(a)* Explain subqueries with examples.

(b) Write the syntax of the command for creation of a table from existing table and explain with an example.

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