C14–CM–306/C14–IT–**306**

# 4236

**BOARD DIPLOMA EXAMINATION, (C–14)**

**MARCH/APRIL—2018**

**DCME—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.** Define instance and schema.　　　　　1½+1½

**2.** Explain about data definition language.　　　　　3

**3.** Explain what are super key and candidate key.　　　　　1½+1½

**4.** List some pseudocolumns.　　　　　3

**5.** List any three conversion functions.　　　　　1×3

**6.** Give syntax for delete command.　　　　　3

**7.** Define cluster and list its types.　　　　　2+1

**8.** List the features of PL/SQL. 3

**9.** List cursor attributes. 3

**10.** What is overloading of a subprogram? 3

## 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)* Explain different levels of database abstraction. 5

*(b)* Explain different users in DBMS. 5

**12.** Define normalization and explain about 3NF. 2+8

**13.** Explain any five character functions with syntax and example. 5+5

**14.** *(a)* Give the syntax for referring schema objects in SQL statements and explain with example. 5

*(b)* Explain the procedure for creating a table. 5

**15.** Explain the management of indexes. 10

**16.** Explain looping statements of PL/SQL. 10

**17.** *(a)* Explain about user-defined exceptions. 5

*(b)* Describe the advantages of sub-programs. 5

**18.** Explain the concept of stored sub-programs with examples. 10

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