# 3232

**BOARD DIPLOMA EXAMINATION, (C–09)**

**OCT/NOV—2016**

**DCME—THIRD SEMESTER EXAMINATION**

RELATIONAL DATABASE MANAGEMENT SYSTEM

*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 a weak entity? Give an example.

2. What is normalization?

3. Construct an E-R diagram for the statement "Driver drives a car".

4. What are the parts of objects?

5. List the advantages of inner join.

6. Write about dropping a table, with example.

7. List the different schema objects.

**8.** What are the advantages of subprogram?

**9.** What are implicit and explicit conversions?

**10.** Define overloading a subprogram. What is the purpose of overloading?                                                    2+1


<div align="center"><b>PART—B</b>                              10×5=50</div>

***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.** *(a)* State the purpose of database management systems.     5

*(b)* What are the applications of database management systems?                                                            5

**13.** Explain SQL character functions with examples.

**14.** Explain about management of indexes.

**15.** Explain explicit cursor along with its attributes with example.

**16.** *(a)* Define an exception. Give example.                   5

*(b)* Consider the following block of PL/SQL code.            5

```
      DECLARE
   A EXCEPTION ;
   B EXCEPTION ;
       BEGIN
    RAISE A ;
       EXCEPTION
        WHEN A THEN
            RAISE B ;
       WHEN B THEN
        .....
        END ;
```
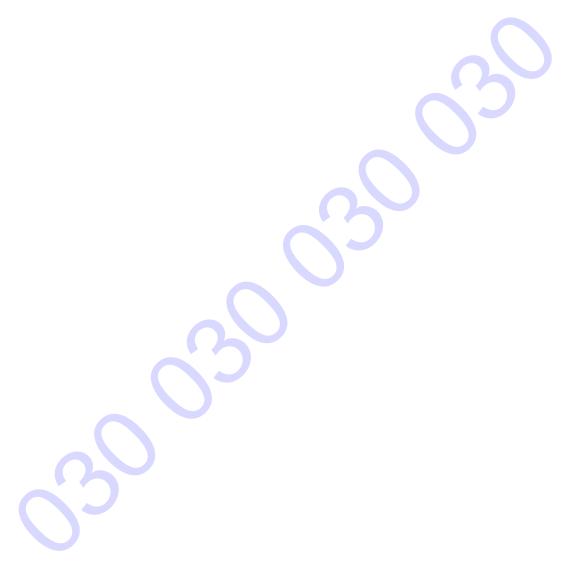
Explain the propagation of exception in the above block of code.

**17.** Write the syntax for package body. Explain with example.

**18.** *(a)* List an explain DDL commands. 5

*(b)* What are the restrictions on check constraint? 5

★ ★ ★