P P SAVANI UNIVERSITY
P P SAVANI SCHOOL OF ENGINEERING
3rd Semester of B Tech Examination (1st Internal Exam)

Subject: Database Management System (SECE2011)
Branches: CE/IT

[Date: 27/08/2018, Monday]   [Time: 11.00 A.M. to 12.00 P.M.]   [Total Marks: 30]

Instructions:
- Figures to the right indicate full marks.
- Q 1 & 2 are compulsory.
- Use of scientific calculator is allowed.
- Draw neat and clean drawings & Assume suitable data if necessary.

Q.1	Answer the following questions(Each carry 1 Mark)	(05)

    1. Write the full form of DML.
    2. Write the full form of DDL.
    3. What is Attribute?
    4. What is Primary Key?
    5. Draw the symbol for Entity.

Q.2.A What is DBMS (Database Management System)? Explain different applications of DBMS.   (05)

Q.2.B Differentiate between file system and database management system   (05)

Q.3.A Explain the types of relationship with suitable example.   (04)

Q.3.B Write SQL Queries for the following: (04)
Student(SID,SNAME,CITY);
    i.   Creating the above table.
    ii.   Insert row (3, ANIL, SURAT) in above table.
    iii.   Update the Name of student as ANIL PATEL and City as Bharuch whose SID=1.
    iv.   Display names of all students whose name start with A.

Q.3.C List out different types of Database System Users.   (02)

OR

Q.3.A Write SQL Queries for the following: (04)
Employee(EID, ENAME, DEPT,CITY,SALARY);
    i.   Insert 2 rows in above table.
    ii.   Find all the employees whose EID is less than 100.
    iii.   Delete the employee whose name is Dilip Patel.
    iv.   List all the employee where EID between 5 to 20.

Q.3.B Explain levels of Data Abstraction: Physical level, Logical level and View level.   (04)

Q.3.C What is full form of DBA? Enlist different roles of DBA.   (02)

Q.4.A Draw E-R diagram for University Management System.   (05)

OR

Q.4.A Draw E-R diagram for Banking Management System.   (05)