[4]

SARDAR PATEL UNIVERSITY
Second Year BBA-ISM (3 Years) (SEM–IV) (CBCS) EXAMINATION
DATE: 21/04/2018, Saturday   TIME: 10:00a.m to 12:00p.m
UM04CBBS09: Database Management System

Total Marks: 60

Note: 1. All the questions are compulsory. 2. Figures to the right indicate marks.
3. Start a new question from a new page.

Q.1
a. What is DBMS? Explain the basic concepts of Database File. State   **[15]**
   and explain the advantages and disadvantages of DBMS.
   OR
Q.1
a. What is DBMS? Explain the Organization and Components of DBMS.   **[15]**

Q.2
a. What is a Data Model? Explain the E-R diagram with all 3   **[15]**
   relationships. Also give the symbols used in E-R modeling.
   OR
Q.2
a. What is Relational Data Model? Explain the concept and also the   **[15]**
   advantages and disadvantages of it.

Q.3
a. Write a note on CREATE table query syntax with proper examples.   **[07]**
b. Write a note on SELECT and INSERT queries with syntax and   **[08]**
   proper examples.
   OR
Q.3
a. Write a note on Data types in SQL with proper examples,   **[07]**
b. Write a note on UPDATE and DELETE queries with syntax and   **[08]**
   proper examples.

Q.4
a. Write a note on any 5 of the following: **[15]**
   avg(), abs(), upper(), add_months(), to_number(), substr().
   OR
Q.4
a. Write a note on any 5 of the following: **[15]**
   min(), power(), lower(), last_day(), to_date(), ltrim()

————x————

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