MARWARI COLLEGE RANCHI

Subject : Fundamentals of Database Management System   **Full Marks**   **:** 30

Paper   : XV   **Time**   **:** 1Hr.

MCA SEMESTER 3

Mid semester examination 2017

1. Fill up the blanks: 2 x 5 = 10
   a. A ……………………….. is a table.
   b. The row of tables is referred to as ………………..
   c. The number of tuples in a relation is called as…………………
   d. The number of attributes in a relation is called as ……………………
   e. ……………………… Is used for accessing, handling and managing data in relational databases.

2. Answer any **TWO** questions: 5 x 2 = 10
   a. What is the function of Database Management System?
   b. What do you understand by data independence? Discuss types of data independence?
   c. Define the following:
      i. Primary key
      ii. Candidate key
      iii. Alternate key
      iv. Foreign key

3. Answer any **ONE** question: 10 x 1 = 10
   a. Write the syntax of the following commands with an example.
      i. Creating a table
      ii. Inserting records in it
      iii. Displaying all records in a table
      iv. Displaying the structure of the database
      v. Deleting records from the table
   b. Discuss the different views of a DBMS.