

# MARWARI COLLEGE RANCHI

**Subject :** Fundamentals of Database Management System

**Full Marks** : 30

**Paper** : XV

**Time** : 1Hr.

## MCA SEMESTER 3

### Mid semester examination 2016

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1. Fill in the blanks: 2 x 5 = 10
  - a. Anything of importance is called as.....
  - b. DBMS stands for.....
  - c. DML stands for .....
  - d. .... Command is used to make a table.
  - e. Relational Algebra is a ..... language.
2. Answer any **TWO** questions: 5 x 2 = 10
  - a. What is E-R Diagram? Explain.
  - b. Explain the different types of views of a database.
  - c. What is Relational Algebra? Explain in details.
  - d. Explain the different keys used in DBMS. What do you mean by referential integrity?
3. Answer any **ONE** question: 10 x 1 = 10
  - a. Explain DBMS architecture.
  - b. What is normalization? Explain BCNF.