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MCA-07(New)

June/December – Examination 2020

**Master of Computer Application
(1st Year) Examination**

**Fundamentals of Database
Management System**

Paper : MCA-07(New)

Time : 2 Hours]

[Maximum Marks : 80

Note :- The question paper is divided into two Sections A and B. Write answers as per the given instructions.

Section-A

8×2=16

(Very Short Answer Type Questions)

Note :- Answer all questions. As per the nature of the question delimit your answer in one word, one sentence or maximum upto **30** words. Each question carries 2 marks.

1. (i) What is the full form of SQL ?
 - (ii) What is the use of E-R diagram ?
 - (iii) What is Secondary Key ?
 - (iv) What is Data Isolation ?
 - (v) What is Strong Entity ?
 - (vi) What is the full form of DDL ?
 - (vii) What is the use of Foreign Key ?
 - (viii) What is Data Integrity ?
4. What is the role of Data Administrator in database ?
 5. Write the syntax of SELECT and DROP query.
 6. What is the difference between Primary key and Foreign Key ?
 7. What is E-R diagram ? Explain the various components of E-R diagram.
 8. What is the difference between Entity and Attribute ?
 9. Differentiate the DBMS and RDBMS.

Section-B

4×16=64

(Short Answer Type Questions)

Note :- Answer any *four* questions. Answer should not exceed **200** words. Each question carries 16 marks.

2. What is DBMS ? Write various application areas of DBMS.
3. Explain the different types of keys that are used in DBMS.