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Printed Pages :3

Roll. No. _____

MS-3134

M.B.A. (MS) (IV-Sem) (MDS)

Examination, 2015

Rel Database Management System

Paper : MS(B)-045

Time Allowed : Three Hours] [Maximum Marks : 70

Note : Answer five questions. Question No.1 is compulsory. Attempt one question from each Unit.

1. Answer the following: $3 \times 10 = 30$

- (a) What is a Data base?
- (b) Elaborate advantages of DBMS.
- (c) What are disadvantages of Traditional File approach?
- (d) Explain View.
- (e) Briefly explain DML?
- (f) What is a query?

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(2)

- (g) Elaborate importance of SQL.
- (h) What is an attribute?
- (i) Elaborate Primary Key.
- (j) Explain Query Optimisation.

Unit-I

- 2. Define DBMS with structure. Also give any six applications of DBMS. 10
- 3. Differentiate between: 5 + 5 = 10
 - (i) Tuple, attribute and domain
 - (ii) File Management and Data Management.

Unit-I I

- 4. (a) What is Relational Model? Give suitable example. 5 + 5 = 10
 - (b) What is project operator in Relational Algebra? Give one example.
- 5. Explain Reference Integrity constraints and On Delete cascade with suitable example. 10

(3)

Unit-III

- 6. What is data warehouse and data mining? 10
- 7. Draw an E-R Diagram for College Management System. 10

Unit-IV

- 8. What is role of primary key and foreign key while designing a database? Also give the importance of both. 10
- 9. Explain group by, having clause of SQL with example.