



Seat No. : _____

TF-113

May-2013

Five Years MBA Integrated (K.S.)

S.Y. M.B.A.

Database Management System (DCA)

Time : 2 Hours]

[Max. Marks : 50

1. Answer the following in detail : **15**
 - (a) Define DBMS. List and explain the applications of DBMS.
 - (b) List and explain the different types of DBMS users.
 - (c) Explain the advantages of DBMS.

2. (A) Define the following terms : (any **five**) **10**
 - (a) Primary Key
 - (b) Multi-valued attribute
 - (c) Schema
 - (d) Entity
 - (e) Relationship Set
 - (f) Mapping Cardinality

- (B) Answer the following : (any **two**) **10**
 - (i) What is an attribute ? List all the types of attributes and explain any two with example.
 - (ii) Explain the concept of Mapping Cardinality with example.
 - (iii) Describe the Data-storage and Quering techniques of DBMS.

3. Describe the following : (any **three**) **15**
 - (a) Explain DBA ? List and explain the functions of a DBA.
 - (b) List the different Data-models available and explain any one with example.
 - (c) What is Abstraction ? Explain the levels of abstraction with diagram.
 - (d) Explain the Database languages with examples.
