

2012

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Course : B.C.A. (3RD YEAR)

Paper : 5

Time : 3 hours

Full Marks : 100

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

Answer any Five questions, in which question no. 1 is compulsory.

1. Choose the correct answer of the following :

(a) MDI means:

- (i) Multiple Data Interaction**
- (ii) Multiple Document Interface**
- (iii) Maximum Document Interface**
- (iv) None of these**

continue

(b) Visual basic is a :

- (i) High Level Language**
- (ii) Machine Language**
- (iii) Assembly Language**
- (iv) None of these**

(c) Menus can be created quickly by using the :

- (i) Menu editor utility**
- (ii) Common dialog Control**
- (iii) Text Box**
- (iv) None of these**

(d) In Visual Basic the storage Size of data type :

- (i) 1 byte**
- (ii) 8 byte**
- (iii) 2 byte**
- (iv) 4 byte**

continue

(e) For a maximized windows the windows state

Property is set to be :

(i) 0

(ii) 2

(iii) 3

(iv) 1

(f) Entity type or entity set is a :

(i) Group of similar object

(ii) Group of dissimilar object

(iii) Set of objects

(iv) None of these

(g) RDBMS stands for:

(i) Row database management system

(ii) Relational database management system

(iii) Both (i) & (ii)

(iv) None of these

(h) Oracle is a:

(i) Application Software.

(ii) System Software .

continue

- (b) Describe the function of various relational and logical operators available in VB.
- 4.
 - (a) What are the different types of scrollbars ? Write a program to demonstrate the use of scrollbars in VB.
 - (b) Explain the project explorer and properties windows in VB with example.
- 5.
 - (a) Explain designing the user interface, creating from the code modules.
 - (b) What are the running application, programming an application and grouping controls.
- 6.
 - (a) Explain procedure, general procedure and event procedure.
 - (b) Explain various type of component in VB.
- 7.
 - (a) Explain DBMS. What is advantage and disadvantage of DBMS.
 - (b) Explain Network and Relational Data Model with example.

continue

8. (a) Explain the entity Relationship Charts with help of example.
- (b) Explain Data manipulation and Data Definition Language with example.
9. (a) What is RDBMS ? Explain with example.
- (b) Explain data control language and Schema with example.
10. (a) Explain ORACLE and structured Query language.
- (b) Explain Query by example (QBE) and Security Consideration.

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