

2014

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) A name storage location in memory is called :

- | | |
|--------------|-------------------|
| (i) Variable | (ii) Data |
| (ii) String | (iv) All of these |

(b) Which of the following statements can be used to load a form into the memory without directly displaying it on the screen ?

- | | |
|-----------|-----------|
| (i) Show | (ii) Load |
| (ii) Hide | (iv) Dim |

(c) How many ways can a procedure receive variables ?

- | | |
|------------|-----------|
| (i) One | (ii) Two |
| (ii) Three | (iv) Four |

(d) In visual basic, the storage size of data type currency is :

- | | |
|-------------|-------------|
| (i) 1 byte | (ii) 2 byte |
| (ii) 4 byte | (iv) 8 byte |

(e) MDI stands for :

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

(f) ODBC stand for :

- (i) Oracle Database Connectivity
- (ii) Open Database Connectivity
- (iii) Optional Database Connectivity

(g) Visual Basic is a :

- (i) High Level Language
- (II) Machine Language
- (iii) Assembly language
- (iv) None of these

(h) Data about data is normally termed as :

- (i) Directory
- (ii) Meta Data
- (ii) Data Bank
- (iv) None of the above

(i) Which of the following shows the correct order for creating a Visual Basic program?

- (i) Set the properties, create the interface, write the code
- (ii) Create the interface, write the code, set the properties, write the code
- (iii) Create the interface, write the code, set the properties
- (iv) Write the code, set the properties, create the interface

(j) Which of the following is application package?

- (i) SQL Server
- (ii) Oracle
- (ii) MS-access
- (iv) All of the above

2. (a) Define array. What are different types of array in VB ? How you can make

Dynamic array in VB ? Explain with example.

- (b) What type of connectivity can be used to connect MS-Access database to Visual Basic forms ? Explain with steps of connectivity.
3. (a) Explain any three common dialog boxes along with its properties.
(b) Write different error handling techniques in VB in detail.
4. (a) Define loop. How many types of loops are used in VB ? Explain with examples.
(b) Give the names of different operators used in VB. Describe any two types of operators With example.
5. (a) What is validation? Explain different types of validation.
(b) What is common dialog box? Explain any three common dialog boxes along with its Properties.
6. What is an Active X control ? Give an example. Describe about Active X data controls.
7. (a) Explain the application of DBMS System. What do you mean by Entity Relationship Charts.
(b) List the various types of data Model. Explain any two.
8. (a) What are the advantages of OLE ? Explain the various methods that can be applied to OLE container control.
(b) Explain the various types of error that may occur in VB. Discuss how to avoid them.
9. What is file handling in VB ? Explain important types of file handling in VB. Describe the common properties of events driven programming.
10. Discuss the following SQL commands with suitable examples :
- (a) Create table (b) Insert (c) Select
(d) Delete (e) Grant
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