

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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