BCA (IV)-403

2018

Time : 3Hrs   Full Marks : 80

Candidates are required to give their answers in

their own words as far as practicable.

All questions are of same marks.

Answer five questions in which Q. No. 1 is compulsory.

1. Select the one correct answer of following multiple choice

   questions (MCQ).   8×2=16

   (i)   In Visual Basic, a variable name can not have more

         than .... characters.

         (a) 127

         (b) 255

         (c) 128

         (d) 256

   (ii) The function used to return a copy of string without

         leading spaces

         (a) R trim

         (b) L trim

         (c) Trim

         (d) All

                                                    P.T.O.

(iii) The function procedures are by default

    (a) Private

    (b) Public

    (c) Protected

    (d) None

(iv) The datatype that can be used to declare a text of maximum 10 million characters is

    (a) Date

    (b) String

    (c) Variant string

    (d) Long

(v) In VB 6.0 the file extension of project is

    (a) .vbp

    (b) .vb

    (c) .bas

    (d) .prj

(vi) A menu can include maximum of .... level of sub-menus.

    (a) 2

    (b) 4

    (c) 8

    (d) 6

(vii) What will be the value of variable a after executing the following statement

$$a = val\ (ab\ 58)$$

(a) 5

(b) 0

(c) 58

(d) ab

(viii) Mid $ ("abcd", 2) returns

(a) b

(b) ab

(c) bc

(d) bcd

2. What do you mean by event-driven programming, visual basic and IDE? Explain the features of VB. Also explain any five components of IDE.

3. Explain the various types of Control-Structures used in VB 6.0 with suitable examples.

4. Explain the message boxes, input boxes and grid structure by an example.

5. What are the different data type in VB 6.0? Write a code creating two 2D-array with 3×3 matrix. Input the values of matrix, multiply both matrices and display the resultant matrix.

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6. Describe the use of file handling in VB 6.0. Also discuss the various types of files used in VB with suitable examples.

7. Write a program in VB 6.0 to create a calculator with BODMAS function. Elaborate your example from FORM Design to FORM Code neatly.

8. Discuss the role of Database is VB 6.0. Write a function for database connectivity with MS-access. Also retrieve data SQL commands.

9. Write short notes on following:

    (a) Sub scripted variable

    (b) List Box

    (c) MDI

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