# DIPLOMA – VIEP – COMPUTER SCIENCE AND ENGINEERING (DCSVI)

## Term-End Examination

00463

## December, 2014

### BICS-036 : VISUAL BASIC PROGRAMMING

*Time : 2 hours*  *Maximum Marks : 70*

**Note :** *Attempt any **five** questions. Question no. **1** is **compulsory**.*

1.  Choose the correct answer.  *7×2=14*

    (a)  What is the size of integer variable in VB ?
        (i)  2 bytes
        (ii)  4 bytes
        (iii)  1 byte
        (iv)  8 bytes

    (b)  Variant that can be used is/are
        (i)  Integer
        (ii)  String
        (iii)  Both the above
        (iv)  None of the above

    (c)  IDE stands for
        (i)  Interpreter Development Environment
        (ii)  Integrated Development Environment
        (iii)  Imposed Development Environment
        (iv)  None of the above

(d) Check box is used to
   (i) choose one choice at a time
   (ii) choose multiple choices at a time
   (iii) choose only two choices at a time
   (iv) choose zero choice at a time

(e) The _____ function returns the length of string.
   (i) len ()
   (ii) length ()
   (iii) leng ()
   (iv) None of the above

(f) The width of the cell can be changed during run time.
   (i) True
   (ii) False

(g) A form is a custom dialog box.
   (i) True
   (ii) False

2. (a) Explain the different data types in Visual Basic. 7

   (b) Explain Visual Basic as an object based event driven programming language. 7

3. (a) What is combo box ? Differentiate between list box and combo box with a suitable example. 7

   (b) Write event procedure for the following : 7
      (i) To display the current date and time in a form.
      (ii) To display the day for a given date.

**4.** (a) What is module ? What are the differences between SDI and MDI ? 7

(b) Differentiate between DSN and DSN-less connections. 7

**5.** (a) Differentiate between Tool bar and Status bar. 5

(b) What are the salient features of Control Array ? 5

(c) What is the function of a Timer Control ? 4

**6.** (a) Define RDO. What are the various RDO objects ? 7

(b) What are Active-X controls ? What are the steps that are to be followed for testing an Active-X control ? 7

**7.** (a) What are the various file system controls in Visual Basic ? 7

(b) What are Random access files ? How do we make changes inside a Random access file ? 7

**8.** Write short notes on any *two* of the following :

*2×7=14*

(i) Data Report

(ii) ADO and DAO

(iii) Menu Editor

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