BICS-036

DIPLOMA – VIEP – COMPUTER SCIENCE AND ENGINEERING (DCSVI)

Term-End Examination

00145

June, 2015

BICS-036 : VISUAL BASIC PROGRAMMING

Time : 2 hours *Maximum Marks : 70*

Note : *Attempt any **seven** questions. All questions carry equal marks.*

1. (a) What do you mean by Visual Language ? Explain with the help of an example. 5

   (b) Why do we use *preserve* keyword in arrays ? Explain with the help of a program. 5

2. Write a program to sort the numbers stored in an array. The numbers are taken as an input from the user. The program should also remove the duplicate numbers, if any. 10

3. (a) What are the various string functions available in Visual Basic ? Explain with the help of example. 5

   (b) What are the various operators available in Visual Basic ? Explain with the help of example. 5

4. Explain and differentiate between tree view, list view, image list and windows common controls. *10*

5. What do you mean by procedure ? Explain the different types of procedures available in Visual Basic, with the help of suitable examples. *10*

6. (a) Explain the difference between do-while and while-until statements, with the help of examples. *5*

   (b) What do you mean by Error ? Explain the different types of errors in Visual Basic. *5*

7. (a) What is the scope of a variable ? What are the different levels of scope a variable can have in Visual Basic ? Explain. *5*

   (b) What is the difference between Msgbox Statement and MsgboxQ Function ? Explain with the help of example. *5*

8. (a) What do you mean by event driven languages ? Give some examples of event driven languages. *5*

   (b) How can one get the command line parameters passed to a Visual Basic program ? *5*

9. (a) What do you mean by conversion functions ? What are the different conversion functions available in Visual Basic ? Explain with the help of example. *5*

   (b) Write a program to print the Fibonacci series up to n terms input by the user. *5*

10. Write short notes on the following : $4 \times 2\frac{1}{2} = 10$

  (a)   Binary File Handling

  (b)   Clock Control

  (c)   Data Connection

  (d)   DBMS and Lock Concept

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