AV–1855

B.C.A. (Part–II) Semester—IV Examination
VISUAL BASIC
Paper–4ST2

Time : Three Hours]   [Maximum Marks : 60

N.B. :— (1) All questions are compulsory.

(2) All questions carry equal marks.

(3) Use suitable data wherever necessary.

1.   (a) Explain different components of Visual Basic Environment.   6

(b) What is array ? Explain the types of arrays in Visual Basic with their declarations and example.   6

OR

2.   (a) Give the features of Visual Basic. Write the steps for placing control on a form.   6

(b) Explain decision control structures in Visual Basic with proper syntaxes.   6

3.   (a) What is OLE ? Explain different terminologies of OLE.   6

(b) Explain various graphics methods available in Visual Basic.   6

OR

4.   (a) What is Class ? Explain the procedure for creating and using classes.   6

(b) Explain various shape controls in VB. Also write a code for changing the shape using shape control.   6

5.   (a) Explain private and public procedure with example.   6

(b) Explain the following string functions with syntax and example :

(i)   Len ( )

(ii) Left ( )

(iii) Ucase ( )

(iv) Trim ( ).   6

OR

6.   (a) Write a program in VB to find the factorial of inputted number using input box ( ) and msg box ( ) functions.   6

(b) Explain the following functions with example :

(i)   Abs ( )

(ii) Mid ( )

(iii) Rtrim ( )

(iv) Sqr ( ).   6

7. (a) Explain the loading and unloading of forms with example.   6

    (b) Write a program using print method to produce following output :

          1   0   0

          0   1   0

          0   0   1   6

<div align="center">OR</div>

8. (a) Explain form control with its properties and methods.   6

    (b) Explain formatting with print method with example.   6

9. (a) Explain different file opening modes in Visual Basic.   6

    (b) What is Random Access File ? Write a code segment to write 5 nos. into a file and read it from the same file.   6

<div align="center">OR</div>

10. (a) Explain the following with syntax and example :

      (i) write #

      (ii) print #.   6

    (b) Explain how Random Access File is handled.   6