Bachelor of Computer Application (B.C.A.) Semester-III (C.B.S.) Examination
VISUAL BASIC PROGRAMMING
Paper—I

Time : Three Hours]   [Maximum Marks : 50

N.B. :— (1) All questions are compulsory and carry equal marks.

(2) Draw neat and labelled diagram wherever necessary.

EITHER

1. (a) Explain different operators supported by VB.   5

   (b) What is a loop ? Explain the following with example :

   (i) Do-While

   (ii) While-Wend.   5

   OR

   (c) Explain the following controls with example mentioned as below :

   (i) Option Button

   (ii) Check Box.   5

   (d) What is a variable ? Explain Implicit and Explicit declaration of variable with example.   5

   EITHER

2. (a) Write a program in VB to find the maximum number from an array.   5

   (b) What is an Array ? Explain Single Dimensional and Multi Dimensional Array.   5

   OR

   (c) What is Dynamic Array ? Explain the role of Redim and Preserve statement.   5

   (d) Explain User Interaction Functions Input Box and Msg Box.   5

   EITHER

3. (a) Write down the difference between MDI and SDI.   5

   (b) Write a note on Menu Editor.   5

   OR

   (c) What is Pop-up menu ? Write a MouseDown event handler to display Pop-up menu.   5

   (d) Explain the data control Data 1.   5

   EITHER

4. (a) What is OLEDB ? Write steps for ADODC1 to bind with MS-Access Database.   5

   (b) What is ActiveX control ? Write steps for adding following controls in Toolbox and binding with ADODC :

   (i) DataList control

   (ii) DataCombo control.   5

   OR

   (c) Write a note on Data Environment and Data Report.   5

   (d) What are the types of Errors ? Explain Error Trapping and Handling mechanism.   5

5. Attempt all :

   (a) What is variable ? Explain the following scope of variables - Public, Private and Static.   2½

   (b) Differentiate between subroutine and function.   2½

   (c) What are Data Access objects ? Explain.   2½

   (d) What is Error Object ? Explain.   2½