

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