

**B.C.A. (Part-II) Semester-IV (Old) Examination****VISUAL BASIC****4 ST 2**

Time : Three Hours]

[Maximum Marks : 60

**Note :—** (1) All questions are compulsory.

(2) Each Question carries equal marks.

(3) Use suitable data wherever necessary .

1. (a) Explain event driven programming model with suitable example. 6
- (b) Explain the following loop statements with syntax and example.
  - (1) do loop
  - (2) For - next loop 6

**OR**

2. (a) What is IDE ? Explain the components of IDE. 6
- (b) What is variable ? Explain declaration of variable in Visual Basic with syntax and example. 6
3. (a) What is Active -X control ? Explain the procedure for creating and registering Active -X control. 6
- (b) Explain line and shape control in Visual Basic. 6

**OR**

4. (a) What is class ? Explain the procedure for creating classes. 6
- (b) Explain Image control and Picture box control with their properties. 6
5. (a) Explain the following :
  - (i) MsgBox ( )
  - (ii) InputBox ( ) 6
- (b) Explain the following functions with syntax and example :
  - (i) Sqr ( )
  - (ii) Abs ( )
  - (iii) Round ( )
  - (iv) Rnd ( ) 6

**OR**

6. (a) Explain Visual Basic Program structure with example. 6
- (b) Write a program in Visual Basic to add 10 inputted integers using InputBox ( ) and MsgBox ( ). 6

7. (a) What is property ? Explain any 5 common properties of a control. 6  
(b) Explain Multiple Document Interface (MDI) with example. 6

**OR**

8. (a) Explain various events and methods of accessing forms. 6  
(b) Explain the concept of form collection along with its methods. 6
9. (a) Explain opening and closing of Sequential Access file with syntax and example. 6  
(b) Explain the following :  
(i) Get statement  
(ii) Put statement 6

**OR**

10. (a) Explain various file modes in Visual Basic. 6  
(b) Explain the procedure of writing into sequential file with example. 6