

AU-202

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) Each question carries equal marks.
 (3) Use suitable data wherever necessary.

1. (a) What is Event Driven Programming ? Explain. 4
- (b) Explain the following :
 - (i) Code Window
 - (ii) Property Window
 - (iii) Tool Box
 - (iv) Tool Bar. 8

OR

2. (a) What is array ? Explain the one-dimensional array in detail. 6
- (b) Explain the types of variables and constants with example. 6
3. (a) Write a program code that will colour the form's background with Red Colour and print "Hello" Text on it. 4
- (b) What is object linking and embedding ? Explain. 4
- (c) Differentiate between image control and picture box control. 4

OR

4. (a) Write a procedure to create colour and font dialog box. 10
- (b) What is Active-X component ? Explain. 2
5. (a) Explain the msgbox () function and write code to print a message box with 'Yes' and 'No' Button. 6
- (b) What is private and public procedure ? Explain. 6

OR

6. (a) Explain the following functions :
- (i) Val ()
 - (ii) Cstr ()
 - (iii) Isnumeric ()
 - (iv) Trim ()
 - (v) Ltrim () 5
- (b) Write a code that reads 9 integer values using input box function and print on the form as 3 × 3 matrix. 7
7. (a) What is collection of form ? Write a code that prints the “Hello” on collection of 5 forms. 6
- (b) Explain :
- (i) spe ()
 - (ii) tab () 4
- (c) What is subscript in terms of collection of form ? 2
- OR**
8. (a) Write code that will print the word “programming” after 10 spaces from beginning of line. 4
- (b) Write a procedure that will create new properties for form. 8
9. (a) Explain the following statements :
- (i) open
 - (ii) close
 - (iii) get
 - (iv) put. 8
- (b) What is Random Access File ? Explain. 4
- OR**
10. (a) Write a procedure to create sequential file in Visual Basic. 6
- (b) Explain the different file modes with an example each. 6