

Bachelor of Science (Information Technology) (I.T.) Semester—V Examination

VB PROGRAMMING

Paper—5

Time : Three Hours]

[Maximum Marks : 50

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

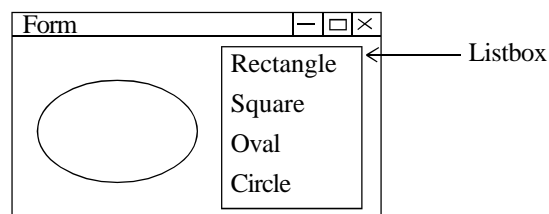
(2) Draw neat and labelled diagram wherever necessary.

EITHER

1. (a) Explain Visual Basic IDE in detail. 5
- (b) Design a form and write code to find factorial of a given number. 5

OR

- (c) Explain the following decision structure with example :
 - (i) IF THEN
 - (ii) IF THEN ELSE 5
- (d) Write code for the application mentioned below. When you select a shape's name from "List box" that shape must get displayed in the form : 5

**EITHER**

2. (a) What is a procedure ? Explain with suitable example parameter passing by value and by reference to a subroutine procedure. 5
- (b) Create an array of N-elements. Find the frequency of occurrence of an element in an array and display the position in array. 5

OR

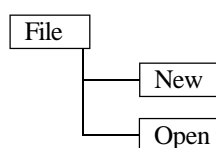
- (c) What is an array ? What are the different types of array ? Explain any one with suitable example. 5
- (d) What are different types of Module ? Explain any one of them. 5

EITHER

3. (a) Write steps to create a Popup menu with two sub-menus "Green" and "Red". When sub-menus are clicked the colour of Form must get changed accordingly. 5
- (b) Explain how a database is created using visual data manager. 5

OR

- (c) Explain Menu Editor. Write steps to create the menu given below : 5



- (d) Explain Data Bound Controls in detail with suitable example. 5

EITHER

4. (a) What is debugging ? What are various types of errors ? How they are handled in Visual Basic ? 5
- (b) Design an application using ADODC to add, delete and search record. 5

OR

- (c) What is ERR Object ? Explain. 5
- (d) Write a note on 'Data Environment'. 5
5. (a) Differentiate OptionButton and CheckBox. 2½
- (b) Write suitable code to demonstrate use of function without parameter. 2½
- (c) Explain Datalist Control with example. 2½
- (d) Write a note on 'Data Report'. 2½