

[This question paper contains 3 printed pages.]

4513

Your Roll No. ....

B.A. Prog./III

AS

COMPUTER APPLICATION – PAPER III–(B)

(Programming in Visual Basic)

(Admissions of 2004 and onward)

Time : 3 Hours

Maximum Marks : 45

*(Write your Roll No. on the top immediately  
on receipt of this question paper.)*

*Attempt all questions.*

1. (a) Name and give the purpose of five types of data available in Visual Basic. (3)
- (b) What is the General Declaration section of a form module ? (2)
- (c) What is purpose of keyboard access key ? How can you define them in VB ? How do they operate at run time ? (2)
- (d) What is use of context-sensitive help in VB ? (1)
2. (a) What is use of Tabindex property ? (1)
- (b) What is difference between declaration and definition of a variable ? (2)

P.T.O.

- (c) Explain calling an event procedure. (1)
- (d) Write a program in which a form contains a text box and a label. When text box accept data it prints on the label whether it is string or number otherwise show error. (3)
3. (a) What is the scope of a module variable? (1)
- (b) Write a program in VB to reverse a string. (3)
- (c) Assume a sub procedure called 'test'. What are the different ways to call 'test'. (1)
- (d) What is output of the following :
- (i) Printer.Print "Item", "Quantity"
  - (ii) Printer.Print "Procedure", 10
  - (iii) LTrim (" Hello ")
  - (iv) Mid ("Visual Basic", 4, 2) (4)
4. (a) What type of variable can be used as switches/ flags. (1)
- (b) Explain user-defined data types. (2)
- (c) What do you understand by Err object? Explain. (2)
- (d) Explain Data Bound Control and its properties. (3)

5. (a) Define the term validation. When is it appropriate to do validation ? (2)
- (b) What are the two ways of passing an argument to procedure ? Explain with example. (3)
- (c) What is Static variable ? (1)
- (d) How can a form be removed from the screen ? (2)
6. Consider a VB form

**Income Tax**

Amount

Tax  Label 1

Write program to calculate income tax based on following conditions

<u>Amount (Rs.)</u>	<u>Tax (Rs.)</u>	
0 – 1,00,000	NIL	
1,00,001 – 2,00,000	10%	
2,00,001 and above	20%	(5)

