5305 **B**

B.A. Prog./III

(A)

COMPUTER APPLICATION–PAPER-III-(B)

(Programming in Visual Basic)

(Admissions of 2004 and onwards)

Time : 3 *Hours*   *Maximum Marks* : 45

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

Attempt *All* questions.

Part of a question must be answered together.

1.   (*a*)   What is a compile error? What are its main causes? When does it occur?   2

      (*b*)   What is the focus? How can you control which object has the focus?   2

      (*c*)   How does the behaviour of option buttons differ from behaviour of check boxes?   2

      (*d*)   What is the significance of "Option Explicit" statement?   1

2.   (*a*)   What is a Visual Basic event? Give at least *two* examples of event.   3

    (*b*)　Explain how to make an interest rate stored in "myrate" display as a percentage with three decimal digits in a label.　　　　　　　2

    (*c*)　What are the default values of properties of Label and Text box?　　　　　　　2

3.　(*a*)　　　　　　　　　　　　　　　　　　　6

Given the above form in VB. Write VB code to calculate Division of the Student based on the following criteria :

Average Marks	Division:
0—39	Fail
40—49	Pass
50—59	II Div.
60—74	I Div.
75—100	I Div. with Distinction
Other	Error

Calculate result using :

(*i*) If .... else statement.

(*ii*) Select case ... statement.

(*b*) Define the term 'validation'. Explain with example two types of validations in Visual Basic.   3

4. (*a*) Give the output of the following VB statements : 4

(*i*) Printer.Print "COMPUTER", 25

(*ii*) Right ("MAHATMA", 3)

(*iii*) Mid ("TAMILNADU", 3, 4)

(*iv*) Printer.Print 1; 2; 3; 4; 5; 6; 7

(b) Define two methods of passing arguments in VB with example.   3

(c) What are various ways of removing a form from the screen?   2

5. (a) What is the purpose of "Me" keyword?   1

(b) Explain List Index and List Count property of List Box.   2

(c) Define Control Array. Write the steps to create control array in VB.   2

6. (a) Explain the function and use of the Err object.   2

(b) Explain, how the BOF and EOF properties are set and how they might be used in a project?   3

(c) Write a VB code to display sum of all even numbers from 2 to 100.   3