5471

Your Roll No. .....

## B.A. Prog./III

I

## COMPUTER APPLICATION

Paper III (B) (Elective II)

(Programming in Visual Basic)

(NC – 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.)

Answer all questions.

(Parts of a question must be answered together.)

(a) Describe three steps for planning and creating VB projects.

3

(b) Differentiate between run-time error and logical error.

2

(c)	Explain the purpose of	f the 'default' and 'cancel'
	properties of command	buttons. Give example for
	each.	

2

(d) What will be the result of the following calculations using the order of precedence? Assume that x = 2, y = 7, z = 9.  $D = y^x + z * 2/x + 2$ 

1

2. (a) Differentiate between Data control and Data bound control.

2

(b) Consider the following form in VB

Current Balance

Type of Transaction

O Deposit O Withdrawal

Amount

New Balance

Clear Calculate Exit

## Calculate the new balance as follows:

## Type of transaction New Balance

Deposit Current Balance + Amount

Withdrawal Current Balance – Amount

In case of withdrawal, if the amount is greater than the current balance, display a message box indicating "Insufficient Funds", and the customer should not be allowed to withdraw the amount.

4

(c) What are the steps required to convert a project into an .exe file.

1

(d) What is a variant datatype? When can it be used?

1

3. (a) What are global variables and static variables? Explain with the help of an example.

3

(b) Write a statement in VB to display Abort, Retry and Ignore bottons along with a 'Information Message' icon.

2

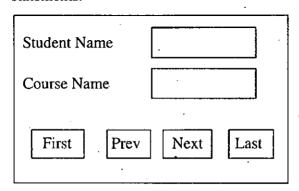
(c) Explain the methods that can be used to fill the combo box at design time and run time.

2 '

4. (a) Write a program in VB to find sum of all elements of a two dimensional array having n rows and m columns.

3

(b) Write a code segment on VB using the following form to move to next, previous first and last second on the click of the corresponding buttons, use with statements.



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- (c) Give the output of the following code segments:
  - (i) Printer. Print 1;2;3;4;5;6;7
  - (ii) Printer Print "A", "B", "C"
  - (iii) Right ("Visual Language", 3)
  - (iv) Mid ("Delhi University", 2, 5)

1

5. (a) Explain how the BOF and EOF properties are set.

How are they used in a project?

(b) What are the different ways by which values can be passed to procedures. Give suitable examples.

(c) Write a program in VB to find sum of following series:  $1 + 2^2 + 3^2 + 4^2 \dots n^2$ .

(d) What is a Tool Tip? How can you make tool tip appear?