

This question paper contains 5 printed pages.]

5471

Your Roll No.

B.A. Prog./III

J

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.)

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

3

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

2

[P.T.O.]

- (c) Explain the purpose of 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

Customer Name	<input type="text"/>	
Current Balance	<input type="text"/>	
Type of Transaction		
	<input type="radio"/> Deposit <input checked="" type="radio"/> Withdrawal	
Amount	<input type="text"/>	
New Balance	<input type="text"/>	
<input type="button" value="Clear"/>	<input type="button" value="Calculate"/>	<input type="button" value="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 buttons 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.

Student Name	<input type="text"/>		
Course Name	<input type="text"/>		
<input type="button" value="First"/>	<input type="button" value="Prev"/>	<input type="button" value="Next"/>	<input type="button" value="Last"/>

5

- (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)

4

5. (a) Explain how the BOF and EOF properties are set.
How are they used in a project ?
2
- (b) What are the different ways by which values can be
passed to procedures. Give suitable examples.
3
- (c) Write a program in VB to find sum of following
series : $1 + 2^2 + 3^2 + 4^2 \dots n^2$.
3
- (d) What is a Tool Tip ? How can you make tool tip
appear ?
2