

This question paper contains 4 printed pages]

Roll No.

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S. No. of Question Paper : 228

Unique Paper Code : 234552

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Name of the Paper : Visual Programming—I

Name of the Course : B.A. (Prog.) Computer Application

Semester : V

Duration : 3 Hours

Maximum Marks : 45

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

Section A is compulsory.

Attempt any *three* questions from Section B.

Section A

1. (a) Name the property used for the following : 2
 - (i) Centring the text in a label.
 - (ii) Changing the color of text in a control.
- (b) Write the basic statements to clear the label lblcustomer and to set the insertion point on a text box txtorder. 2
- (c) A variable Amount contains the value .9. Write an appropriate statement to display it as 0.90. 1
- (d) Describe the MsgBox with an example. 3
- (e) What is a ToolTip ? How can you make a Tooltip appear ? 2

P.T.O.

- (f) What is the purpose of Val() function ? What will be the output of Val(123ZB) and Val(\$400) ? 3
- (g) What is the output of the following statements : 2
- (i) PRINTER.PRINT "First this"
PRINTER.PRINT "Then this"
- (ii) LEFT ("Visual Basic", 9).

Section B

2. (a) Describe the use of "Option Explicit" statement in the general declarations section. 2
- (b) What are the various types of errors ? Explain. 3
- (c) How will you create a command button with caption "clear" with access key as Alt + C ? 2
- (d) What is a variant data type ? Briefly describe its advantages and disadvantages. 3
3. (a) Differentiate between :
- (i) Option button and Check box
- (ii) Caption and Name property of a control
- (iii) Step into and Step over. 3×2=6
- (b) Write a VB program to find the sum of first n even numbers i.e. $2+4+6+8+\dots+n$. 4

4. Give the output of the following VB code snippets :

(i) Dim intNumber1 as Integer

Dim intNumber2 as Integer

Dim intNumber3 as Integer

Dim intOutcome as Integer

intNumber1 = 45

intNumber2 = 30

intNumber3 = 3 * IntNumber1/IntNumber2

intOutcome = 2 * IntNumber3 + 15

Print intNumber1, IntNumber2, IntNumber3, intOutcome.

4

(ii) intCount = 0

intSum = 0

Do While intCount < 5

intSum = intSum + 2*intCount

intCount + = 1

Loop

intAvg = intSum/5

Print intCount, intSum, intAvg

3

P.T.O.

(iii) For counter = 10 to 100 step 10

Print counter

Next

3

5. (a) What do you mean by validation in VB ? Explain various types of validations. 4
- (b) Explain the purpose of "Len" and 'Mid' string functions. 2
- (c) Explain the use of the following properties and also name the controls with which they are associated : 4
- (i) Value
- (ii) Tabindex.
6. (a) Differentiate between Pretest and Posttest loops with suitable examples. 6
- (b) Explain the difference between variable and constant. List any *one* user named constant and any *one* intrinsic constant. 4