

5205

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Unique Paper Code : 234552
Name of the Paper : Visual Programming - I
Name of the Course : B.A.(Prog) – Computer Application
Semester : V
Duration of examination : 3 hours
Maximum marks : 45

Instruction for candidates:

Section – A is compulsory.

Attempt any three questions from Section – B.

Section - A

- Q.1 a) Name the property used for the following:
- i) Centring the text in a label.
 - ii) Changing the color of text in a control. (2)
- 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)
- g) What is the purpose of Val () function? What will be the output of Val (123ZB) and Val (\$400)? (3)
- h) What is the output of the following statements:
- i) `PRINTER.PRINT "First this"`
`PRINTER.PRINT "Then this"`
 - ii) `LEFT("Visual Basic",9)` (2)

Section - B

- Q.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)
- Q.3 a) Differentiate between:
- i) Option button and Check box.
 - ii) Caption and Name property of a control
 - iii) Step into and Step over (2*3=6)
- b) Write a VB program to find the sum of first n even numbers i.e. $2+4+6+8+\dots+n$ (4)

Q.4. a) 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)

iii)

```
For counter=10 to 100 step 10
```

```
Print counter
```

```
Next
```

(3)

Q.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

Q.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)