

## Sample Questions

What will be displayed by the following program when the button is clicked?

```
Private Sub btnDisplay_Click(...) Handles btnDisplay.Click
    Dim a, b, c, x As Double
    a = 5
    b = 3
    c = 6
    If a > c Then
        x = 1
    Else
        If b > c Then
            x = 2
        Else
            x = 3
            txtBox.Text = CStr(x)
        End If
    End If
End Sub
```

- (A) 1
- (B) 2
- (C) 3
- (D) None of the above.

What is the output of the following program segment?

```
Dim numbers(5), x As Integer
Dim sr As IO.StreamReader = IO.File.OpenText("DATA.TXT")
Do While sr.Peek <> -1
    x = CInt(sr.ReadLine)
    numbers(x) = numbers(x) + 2
Loop
sr.Close()
txtBox.Text = CStr(numbers(3))
```

Assume the six rows of the file DATA.TXT contain the following entries: 5, 3, 1, 3, 1, 3, 1

- (A) 4
- (B) 5
- (C) 6
- (D) 7