

Sample Questions

1. What will be displayed when the following lines are executed?

```
Dim x As Double = 2, y As Double = 2
Dim z As Double
z = x + (y * x)
x = y
z = x + z
lstBox.Items.Add(x + y + z)
```

- (A) 11
- (B) 12
- (C) 13
- (D) 14

2. What is the output of the following program when the button is clicked?

```
Private Sub btnDisplay_Click(...) Handles btnDisplay.Click
    Dim a, b As String
    txtBox.Clear()
    a = "A"
    b = "B"
    PrintWords(a, b)
    PrintWords(b, a)
End Sub

Sub PrintWords(ByVal a As String, ByVal b As String)
    txtBox.Text &= a & b
End Sub
```

- (A) ab ba
- (B) abba
- (C) ABBA
- (D) AB BA

3. Which value for x would make the following condition true: $(x \geq 5)$ And $(x \leq 6)$

- (A) x is equal to 7
- (B) x is equal to 5
- (C) x is equal to 5.001
- (D) B and C

4. What will be the output of the following program when you enter 2000 in TextBox1?

```
Private Sub btnDisplay_Click(...) Handles btnDisplay.Click
    Dim tax, income As Double
    income = Cdbl(TextBox1.Text)

    If income <= 1000 Then
        tax = income * 0.1
    elseif income > 1000 and income <= 2000 then
        tax = 100 + (income - 1000) * 0.2
    else
        tax = 300 + (income - 2000) * 0.3
    end if

    TextBox2.Text = tax
End Sub
```

- (A) 100
- (B) 200
- (C) 250
- (D) 300

5. How many times will HI be displayed when the following lines are executed?

```
Dim c As Integer = 12
Do While (c < 30)
    lstBox.Items.Add("HI")
    c = c + 3
Loop
```

- (A) 5
- (B) 9
- (C) 6
- (D) 4
- (E) 10