

Q2. For the following Visual Basic statement, determine the output value

```
Dim A,B,C,D,E,F,G As Double
A=6
B=5.5
D=11
C=60
D=23
E=10
F=4
G=A+B/C*D^2-F/E
```

Q3. What value would be stored in an integer variable “i” as a result of the following calculation ?

```
Const j As Integer = 100
Dim i As Integer
i = 7 + 3 * j Mod (J – 50)
```

Q4. What will be the value of intAnswer after execution of these statements?

```
Const intNumA As Integer = 6
Const intNumB As Integer = 4
Const intNumC As Integer = 2

intAnswer = intNumA + intNumB * intNumC
```

Q5. This code modifies variables number1, number2 and result. What are the final values of these variables?

```
Dim number1 As Integer
Dim number2 As Integer
Dim result As Integer

number1 = 5 * (4 + 6)
number2 = 2 ^ 2
result = number1 \ number2
```

Q6. Find the error(s) in the following code, which uses variables to perform a calculation.

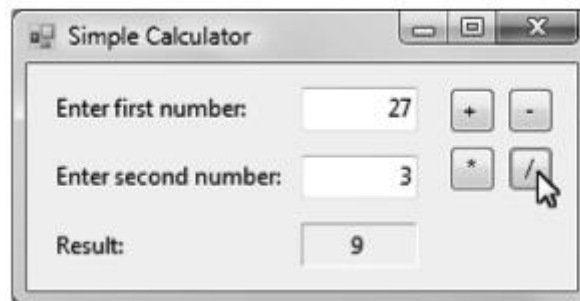
```
Dim number1 As Integer
Dim number2 As Integer
Dim result As Integer

number1 = (4 * 6 ^ 4) / (10 Mod 4 - 2)
number2 = (16 \ 3) ^ 2 * 6 + 1
result = number1 - number2
```

Q7. Write a Visual Basic code that reads the radius of a circle from a textbox, assume that the textbox is text1, & then calculate the area of the circle. The code should display the result of this operation to the user.

Q8. Write a Visual Basic code that reads 3 numbers from TextBoxes, stores them in variables then calculates their average. The output should be displayed in a Label.

Q9. Create a simple a calculator application as shown in the following figure



The calculator allows a user to enter two numbers in the TextBoxes. There are four Buttons labeled +, -, / and *. When the user clicks the Button labeled as addition, subtraction, multiplication or division, the application performs that operation on the numbers in the TextBoxes and displays the result. The calculator also should clear the calculation result when the user enters new input.