TEST SOLUTION

VISUAL BASIC

Q1

Choose correct answers:

1) Which is not a main component of the Visual Studio IDE?   1   points

- ○ Solution Explorer
- ○ Tool Box
- ⦿ Start Menu   ✓
- ○ Designer Window

📋 Add answer feedback

Done

Q2

☑ **Choose correct answers:**

2) Which is not true about forms and controls in Visual Basic?   1   points

- ○ They are pre-built.

- ○ They are graphical objects.

- ● New versions of the classes must be created with each project.   ✓

- ○ Buttons can be created with the drag and drop method.

📋 Add answer feedback

Done

Q3

Choose correct answers:

3) Which task can be accomplished in the Code editor?   1 ⏴⏵ points

- ○ Adding forms to the project
- ○ Adding controls to the form
- ○ Adding event procedures to the form
- ● All of the above.   ✓

📋 Add answer feedback

Done

Q4

Choose correct answers:

4) Which is a numeric data type?　　　　　　　　　1　points

- ○ Double
- ○ Integer
- ○ Decimal
- ◉ All of the above　　　　　　　　　　　　　　✓

📋 Add answer feedback

Done

Q5

Q6

6) Code out a one dimensional array (Open Ended)

6.1 write a procedure with a procedure name oneDimension
6.2 in the procedure initialize a variable containing 4 values with a Integer Datatype
6.3 variable name should be myNumbers
6.4 store, 100 in the first position, 200 in the second, 300 in in the third position
and 400 in the last position respectively
6.5 add Message box in the last line of code and put number 2 in the argument of the one dimension array

```vb
' Question 6
1 reference
Sub oneDimension()
    Dim myNumbers(3) As Integer
    myNumbers(0) = 100
    myNumbers(1) = 200
    myNumbers(2) = 300
    myNumbers(3) = 400

    MsgBox(myNumbers(2))
End Sub
```

Q7

☑ **Choose correct answers:**

7) The Button control can be activated: `1` ⇅ points

- ○ a) programmatically through the click event.

- ○ b) by clicking the button with the mouse.

- ○ c) with the form's DefaultButton property.

- ◉ Both a and b.   ✓

📋 Add answer feedback

Done

☑ Choose correct answers:

8) What should be the outcome of this code?   1 ⇕ points

```
Sub CaseScenarios()

Dim salary As Integer

salary = 32768

Select Case salary
Case Is >= 30000
     result = "high salary"
Case Is >= 20000
     result = "ok salary"
Case Is >= 10000
     result = "low salary"
Case Else
     result = "very low salary"
End Select

MsgBox salary

End Sub
```

○ High Salary

○ Ok Salary

○ Low salary

◉ An Error will be thrown   ✓

Q9

Choose correct answers:

9) You use a For...Next Loop is used when: 1   points

- ◯ a) a choice is made based on a Boolean condition.
- ◯ b) a block of statements is executed an unknown number of times.
- ⦿ c) a block of statements is executed a known number of times.   ✓
- ◯ Both a and b.

📋 Add answer feedback

Done

Q10

10) Write a function which returns double as a datatype (Open Ended)

10.1 You require to pass a value by value in the parameter
10.2 you should only pass one value with the name of j, datatype passed should be integer
10.3 return the value j multiply by 3.142
10.4 your function name should be myFunction

```
' Question 10
1 reference
Function myFunction(ByVal j As Integer) As Double
    Return (j * 3.142)
End Function
```