



Assignment practice question

Programming (Richfield Graduate Institute of Technology)



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How many steps do we have in systems development life cycle?

Select one:

- ☐ a. 11
- ☒ b. 6
- ☐ c. 8
- ☐ d. 4

Feedback

The correct answer is: 6

Question **2**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

It is an artificial language that can be used to control the behaviour of a computer machine.

Select one:

- ☒ a. Programming language
- ☐ b. Basic language
- ☐ c. Machine language
- ☐ d. Assembly language

Feedback

The correct answer is: Programming language

Question **3**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Actual programming of software code is done during the _____ step in the SDLC.

Select one:

- ☐ a. Design
- ☐ b. Analysis
- ☒ c. Development and Documentation
- ☐ d. Maintenance and Evaluation

Feedback

The correct answer is: Development and Documentation

Question **4**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

The left side of an assignment statement will hold:

Select one:

- ☒ a. an object property.
- ☐ b. a dynamic constant.
- ☐ c. an expression.
- ☐ d. static.

Feedback

The correct answer is: an object property.

Question **5**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

The control that is used to display text in other parts of the application.

Select one:

- ☐ a. Button
- ☐ b. Checkbox

- ☐ c. Textbox
- ☐ d. Label

Feedback

The correct answer is: Label

Question **6**
Correct
Mark 1.00 out of 1.00

Flag question

Question text

The Rnd statement will generate a(n):

Select one:

- ☐ a. integer value between 0.01 and 1.00.
- ☐ b. decimal value between 0.0 and up to 1.0, but not including 1.0.
- ☐ c. decimal value between 0.01 and 1.00.
- ☐ d. decimal value between 0.0 and 1.0.

Feedback

The correct answer is: decimal value between 0.0 and up to 1.0, but not including 1.0.

Question **7**
Correct
Mark 1.00 out of 1.00

Flag question

Question text

_____ manage the system development, assign staff, manage the budget and reporting, and ensure that deadlines are met.

Select one:

- ☐ a. Network engineers
- ☐ b. Systems analysts
- ☐ c. Graphic designers



d. Project managers

Feedback

The correct answer is: Project managers

Question **8**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which is an example of Visual Basic Objects?

Select one:



a. Cobol



b. Control objects



c. Python



d. Java

Feedback

The correct answer is: Control objects

Question **9**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

what will be the output of the following code

```
Public Class Form1
```

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles
```

```
Button1.Click
```

```
TextBox1.Text = "hello world "
```

```
End Sub
```

```
End Class
```

Select one:

- ☐ A. 0
- ☒ B. hello world
- ☐ C. Error
- ☐ D. "hello world "

Feedback

Your answer is correct.

The correct answer is: hello world

Question **10**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

The ____ property of a control determines what will be displayed on the control

Select one:

- ☒ a. Text
- ☐ b. Form Designer
- ☐ c. Toolbox
- ☐ d. Property Window

Feedback

The correct answer is: Text

Question **11**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What is going to be the output of these codes after clicking on button1?

```
Public Class Form1
```

```
Dim number1, number2, total
```

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
number1 = 20
number2 = 30
total = number1 + number2
Label1.Text = total
End Sub
End Class
```

Select one:

- ☐ a. 2030
- ☐ b. 5
- ☒ c. 50
- ☐ d. 45

Feedback

The correct answer is: 50

Question 12

Correct

Mark 1.00 out of 1.00

Flag question

Question text

It translates all high level instructions into machine code first before running the program.

Select one:

- ☐ a. Translator
- ☐ b. Language
- ☐ c. Interpreter
- ☒ d. Compiler

Feedback

The correct answer is: Compiler

Question 13

Correct

Mark 1.00 out of 1.00

Flag question

Question text

It is a comprehensive, object-oriented collection of reusable types that you can use to develop applications.

Select one:

- ☐ a. Properties Window
- ☐ b. Class Library
- ☐ c. Windows Form Designer
- ☐ d. Solution Explorer

Feedback

The correct answer is: Class Library

Question **14**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

A GUI

Select one:

- ☐ a. stands for Graphic Use Interaction.
- ☐ b. uses anything want.
- ☐ c. uses the keyboard component.
- ☐ d. should be easy for a user to manipulate.

Feedback

The correct answer is: should be easy for a user to manipulate.

Question **15**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which is a numeric data type?

Select one:

- ☐ a. Boolean
- ☐ b. String
- ☒ c. Integer
- ☐ d. Floating Chart

Feedback

The correct answer is: Integer

Question **16**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

It can contain negative between negative between $-3.402823E+E38$ and $-14.4401298E-45$ positive values between $-14.4401298E-45$ to $3.402823E+E38$

Select one:

- ☐ a. Byte
- ☒ b. Single
- ☐ c. Double
- ☐ d. Integer

Feedback

The correct answer is: Single

Question **17**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

It is the starting point of your Visual Basic .NET applications.

Select one:

- ☐ a. Label
- ☐ b. Toolbox
- ☐ c. Button
- ☒ d. Form

Feedback

The correct answer is: Form

Question **18**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

The analysis phase of software development involves:

Select one:

- ☐ a. creating a detailed plan on how the program will accomplish the requirements.
- ☐ b. collecting the requirements about what the program will accomplish and creating a detailed plan on how the program will accomplish the requirements.
- ☐ c. writing the software with a program such as VB.NET.
- ☒ d. collecting the requirements about what the program will accomplish.

Feedback

The correct answer is: collecting the requirements about what the program will accomplish.

Question **19**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

A _____ is a control in which the user can enter data from the keyboard

Select one:

- ☒ a. Textbox
- ☐ b. Button
- ☐ c. Picture Box
- ☐ d. Label

Feedback

The correct answer is: Textbox

Question **20**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which phase of project development typically costs the most?

Select one:

- ☐ a. Design
- ☒ b. Maintenance
- ☐ c. Implementation
- ☐ d. Analysis

Feedback

The correct answer is: Maintenance

Question **21**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which are the standard prefixes for the text box and label controls respectively?

Select one:

- ☐ a. tex and lbl
- ☐ b. txb and lab
- ☐ c. tex and lab
- ☒ d. txb and lbl

Feedback

The correct answer is: txb and lbl

Question **22**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

_____ spend most of their time in the beginning stages of the SDLC, talking with end-users, gathering information, documenting systems, and proposing solutions.

Select one:

- ☐ a. Database administrators
- ☐ b. Project managers
- ☐ c. Network engineers
- ☒ d. Systems analysts

Feedback

The correct answer is: Systems analysts

Question **23**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

The control that is used to accept input from the user

Select one:

- ☐ a. Toolbox
- ☐ b. Button
- ☒ c. Textbox
- ☐ d. Label

Feedback

The correct answer is: Textbox

Question **24**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

What is going to be the output of these codes after clicking on button1

```
Public class form1
Dim num1 as Integer
Dim num2 as Integer
Dim num3 as Integer
Dim total as Integer
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles
Button1.Click
num1=20
num2=30
num3=20
total =(num1+num2+num3)/3
Lbl1.text =total
End sub
End Class
```

Select one:

- ☐ A. 23,3333
- ☐ B. 2030
- ☐ C. 50
- ☒ D. 23

Feedback

Your answer is incorrect.

The correct answer is: 23

Question **25**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

It display the properties that are associated with an object.

Select one:

- ☐ a. Project window
- ☐ b. Solution explorer
- ☐ c. Windows forms designer
- ☒ d. Properties windows

Feedback

The correct answer is: Properties windows

Assignment 3

It contains several items or controls that you can use in your applications.

Select one:

- ☐ a. Windows form design
- ☐ b. Toolbox
- ☐ c. Class library
- ☒ d. Property windows

Feedback

The correct answer is: Toolbox

Question **2**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What would be printed from the following VB.NET program?

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles  
Button1.Click  
Dim stringToCheck As String = "GHI"  
Dim stringArray() As String = {"ABC", "DEF", "GHI", "JKL"}  
For Each x As String In stringArray  
If x.Equals(stringToCheck) Then  
MessageBox.Show("Find the string ..." + x)  
End If  
Next  
End Sub  
End Class
```

Select one:

- ☒ A. Find the string... GHI
- ☐ B. Find the strin,,, GHI
- ☐ C. Find the string
- ☐ D. GHI

Feedback

Your answer is correct.

The correct answer is: Find the string... GHI

Question **3**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

what will be the output after code shown below is being executing

```
Public Class Form1
Dim NUM1 As Integer
Dim num2 As Integer
Dim answer As Integer

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles
Button1.Click
NUM1 = 2
num2 = 4
answer =NUM1 + num2
MessageBox.Show(answer)
End Sub
End Class
```

Select one:

- ☐ A. 5
- ☒ B. 6
- ☐ C. 2+4
- ☐ D. 8

Feedback

Your answer is correct.

The correct answer is: 6

Question **4**
Correct
Mark 1.00 out of 1.00

Flag question

Question text

Which of the following is not type of programming tools?

Select one:

- ☐ a. Pseudo-code
- ☐ b. Flow -chart
- ☒ c. CPU
- ☐ d. Hierarchy chart

Feedback

The correct answer is: CPU

Question **5**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Pseudocode closely resembles actual Visual Basic code.

Select one:

- ☒ a. FALSE
- ☐ b. TRUE

Feedback

The correct answer is: TRUE

Question **6**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

The indexed array name of one-dimensional array unit's element 2 is_____.

Select one:

- ☒ a. units (2)
- ☐ b. units [2]
- ☐ c. units {2}
- ☐ d. units [0, 2]

Feedback

The correct answer is: units (2)

Question **7**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

The data type in a variable declaration is immediately preceded by keyword_____.

Select one:

- ☐ a. IsA
- ☒ b. As
- ☐ c. Type
- ☐ d. Dim

Feedback

The correct answer is: As

Question **8**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

Which of the following statements about the array are not true?

Select one:

- ☒ A. A one-dimensional array can store data in the form of table with many rows and columns.
- ☐ B. The position of every element of the array is used to access that element that position.
- ☐ C. To use an array, previously it is declared and defined.
- ☐ D. All of the option mentioned

Feedback

Your answer is incorrect.

The correct answer is: To use an array, previously it is declared and defined.

Question **9**
Correct
Mark 1.00 out of 1.00

Flag question

Question text

A _____ variable is the one that is declared inside the Procedure.

Select one:

- ☒ A. Local
- ☐ B. None of the option mentioned.
- ☐ C. External
- ☐ D. Global

Feedback

Your answer is correct.

The correct answer is: Local

Question **10**
Correct
Mark 1.00 out of 1.00

Flag question

Question text

How do you declare a variable of Integer?

Select one:

- ☐ A. Dim num1 as integers
- ☒ B. Dim num1 As Integer
- ☐ C. Dim num as double
- ☐ D. Dim num1 as string

Feedback

Your answer is correct.

The correct answer is: Dim num1 As Integer

Question **11**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

Which of the following statements about the while loop is not true?

Select one:

- ☐ A. The while loop is a posttest loop.
- ☐ B. The while loop statement must terminate with a semi-colon.
- ☐ C. All of the option mentioned
- ☐ D. Testing condition is made before each iteration.

Feedback

Your answer is incorrect.

The correct answer is: The while loop is a posttest loop.

Question **12**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

A(n)_____ is a plan for solving a problem in terms of the actions to be executed and the order in which these actions are to be executed.

Select one:

- ☐ a. Ordered list
- ☐ b. Chart
- ☐ c. Control structure



d. Algorithm

Feedback

The correct answer is: Algorithm

Question **13**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

what will be the output of this code after clicking on Button1?

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles  
Button1.Click
```

```
Dim counter, sum As Integer
```

```
sum = 1000
```

```
For counter = 20 To 5 Step -5
```

```
sum = counter
```

```
Istbox1.Items.Add(sum)
```

```
Next
```

```
End Sub
```

```
End Class
```

Select one:



A. 1000



B. 20,15,10,5



C. Error



D. 5,10,15,20

Feedback

Your answer is incorrect.

The correct answer is: 20,15,10,5

Question **14**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

A (an) _____ represents a user action, such as clicking a Button.

Select one:

- ☐ a. Statement
- ☒ b. Event
- ☐ c. Function
- ☐ d. App

Feedback

The correct answer is: Event

Question **15**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What is going to be the output of these codes after clicking on button1?

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles  
Button1.Click
```

```
    Dim intNumber, intNumber1, results As Integer  
    intNumber = 3  
    intNumber1 = 2  
    results = intNumber + intNumber
```

```
    MessageBox.Show("The value passed is " & results)
```

```
End Sub
```

```
End Class
```

Select one:

- ☐ a. 6
- ☐ b. 23
- ☐ c. The value passed is 5
- ☒ d. The value passed is 6

Feedback

Your answer is correct.

The correct answer is: The value passed is 6

Question 16

Correct

Mark 1.00 out of 1.00

Flag question

Question text

The Do...Loop Until statement checks the loop-termination condition__

Select one:

- ☐ a. for False before the body executes
- ☒ b. for True after the body executes
- ☐ c. for False after the body executes
- ☐ d. for True before the body executes

Feedback

The correct answer is: for True after the body executes

Question 17

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What will be the output of the following code?

```
Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load
```

```

Dim CLASS1 As String
    CLASS1 = "F"
Select Case CLASS1
    Case "A"
        TextBox1.Text = ("Excellent!")
    Case "B", "C"
        TextBox1.Text = ("Well done")
    Case "D"
        TextBox1.Text = ("You passed")
    Case "F"
        TextBox1.Text = ("Better try again")
    Case Else
        TextBox1.Text = ("Invalid grade")
End Select
End Sub

```

Select one:

- ☒ a. Better try again
- ☐ b. Excellent!
- ☐ c. Well done
- ☐ d. You passed

Feedback

Your answer is correct.

The correct answer is: Better try again

Question 18

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

operator andAlso _____.

Select one:

- ☒ a. performs short-circuit evaluation

- ☐ b. is a comparison operator
- ☐ c. None of the options
- ☒ d. Is not a keyword

Feedback

The correct answer is: Is not a keyword

Question 19

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

It is used for building windows and web application

Select one:

- ☐ a. Object Oriented Programming
- ☐ b. Windows Forms
- ☐ c. Visual Basic .Net
- ☒ d. .Net Framework

Feedback

The correct answer is: .Net Framework

Question 20

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What is going to be the output of these codes after clicking on button1?

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles  
Button1.Click
```

```
Dim arr() As Integer = New Integer() {1, 3, 5, 7, 9}
```

```
Dim i As Integer
```

```
For I = 4 To 0 Step -1
```

```
Label1.Text = Label1.Text & arr(i) & vbCrLf
```

Next
End Sub
End Class

Select one:

- ☐ A. Error
- ☒ B. 97531
- ☐ C. 1, 3, 5, 7, 9
- ☐ D. 4

Feedback

Your answer is correct.

The correct answer is: 97531

Question **21**
Correct
Mark 1.00 out of 1.00

Flag question

Question text

The ____ property of a control determines what will be displayed on the control

Select one:

- ☐ a. Form Designer
- ☐ b. Property Window
- ☐ c. Toolbox
- ☒ d. Text

Feedback

The correct answer is: Text

Question **22**
Correct
Mark 1.00 out of 1.00

Flag question

Question text

What is going to be the output of these codes after clicking on button1?

```
Public Class Form1
Dim number1, number2, total As Integer
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
number1 = 20
number2 = 30.3
total = number1 + number2
Label1.Text = total
End Sub
End Class
```

Select one:

- ☐ a. 50.3
- ☒ b. 50
- ☐ c. 2030
- ☐ d. 45

Feedback

The correct answer is: 50

Question 23

Incorrect
Mark 0.00 out of 1.00

Flag question

Question text

An array's length is_____.

Select one:

- ☐ a. One less than the array's last index
- ☐ b. Returned by method GetUpperBound
- ☐ c. the same as the array's last index
- ☒ d. One more than the array's last index

Feedback

The correct answer is: One more than the array's last index

Question **24**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

It can contain negative values within the range of -1.79769313486232E308 to 4.906565841247E-324 and positive value within 4.906565841247E-324 to 1.79769313486232E308.

Select one:

- ☒ a. Single
- ☐ b. Integer
- ☐ c. Byte
- ☐ d. Double

Feedback

The correct answer is: Double

Question **25**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

What will be the output of the following code

```
Public Class Form1
```

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles  
Button1.Click
```

```
Label1.Text = "Hello WORLD"
```

```
End Sub
```

Select one:

- ☐ A. Hello WORLD
- ☐ B. 0



C. Error



D. "Hello WORLD"

Feedback

Your answer is incorrect.

The correct answer is: Hello WORLD