

Chapter 2

Multiple Choice

Identify the letter of the choice that best completes the statement or answers the question.

- _____ 1. The properties of a control are listed in the _____ window.
- Options*
 - Properties*
 - Solution Explorer*
 - Project*
- _____ 2. When you select a control on a form in the *Designer* window, _____.
- its color changes to dark blue
 - the tool box will be visible
 - its sizing handles appear
 - the project will automatically be saved
- _____ 3. If a Label control's *AutoSize* property equals *False* and the label is not wide enough for the text assigned to the control, _____.
- the text will be only partially displayed
 - none of the text will be displayed
 - the *extra* text is wrapped onto the next line or lines
 - the label will expand to fit the text
- _____ 4. When Visual Studio displays a new project, a blank form is shown in the _____ window.
- Properties*
 - ToolBox*
 - Project*
 - Designer*
- _____ 5. In order to delete a control from a form, you should select the control and then _____.
- click the *Remove Item* icon on the menu bar
 - click the *Cut* icon in the *Properties* window
 - press the *Delete* key on the keyboard
 - click *Delete* from the *VIEW* menu
- _____ 6. Which value of the *SizeMode* property is used to automatically adjust the size of a *PictureBox* control to fit the size of the image?
- Normal*
 - Zoom*
 - CenterImage*
 - AutoSize*
- _____ 7. A Visual Studio project may be saved in all of the following ways except _____.
- Click *FILE* on the Visual Studio menu bar, and then click *Save All*
 - Press *Ctrl+Shift+S* on the keyboard
 - Click the *Save Project* button on the standard toolbar
 - Click the *Save All* button on the standard toolbar

- ____ 8. Which of one of the following will stop an application and end its execution?
- a. Click the *EDIT* on the Visual Studio menu bar, and then click *Delete*
 - b. Click the *Minimize* button on the applications window
 - c. Click *DEBUG* on the Visual Studio menu bar, and then click *Stop Debugging*
 - d. Press F1 on the keyboard
- ____ 9. The project file is saved with this file extension.
- a. .sln
 - b. .vb
 - c. .vbproj
 - d. .proj
- ____ 10. A label control may be added to a form by double-clicking on the Label control icon in the _____ window.
- a. Properties
 - b. ToolBox
 - c. Project
 - d. Designer
- ____ 11. The code template for an event handler identifies it as a type of _____ procedure.
- a. Module
 - b. Function
 - c. Method
 - d. Sub
- ____ 12. If the Visible property of a control is set to false, it _____ in the *Designer* window.
- a. is grayed out
 - b. is no longer displayed
 - c. continues to be shown
 - d. becomes inactive
- ____ 13. You can display the *Code* window in all of the following ways **except** _____.
- a. Click the *View Code* button in the Solution Explorer window
 - b. Click *PROJECT* on the menu bar, and then click *Show all files*
 - c. Click *VIEW* on the menu bar, and then select *Code*
 - d. Press the F7 key
- ____ 14. In the statement `Me.Close()`, the keyword `Me` refers to _____.
- a. the current form
 - b. the programmer
 - c. the `Close` method
 - d. the `Close` button
- ____ 15. The _____ property can prevent the user from resizing your application's form at runtime.
- a. `WindowState`
 - b. `ShowInTaskBar`
 - c. `MinimizeBox`
 - d. `FormBorderStyle`

- ____ 16. To lock all of the controls on a form during design time, _____.
a. left-click an empty spot on the form, then click Locked in the properties window
b. right-click an empty spot on the form, then select the *Lock Controls* option from the pop-up menu
c. click *Window* on the Menu Bar, then click *Lock Controls*
d. right-click the form, then click the lock controls icon on the toolbar
- ____ 17. The form's _____ property can be set to True or False, depending on whether or not you want the *minimize* button to appear.
a. MinimizeBox
b. ShowMinimizeButton
c. HideButtonMinimize
d. FormBorderStyle
- ____ 18. A Label control's _____ property allows a label to change size to fit the text in its text property.
a. Autosize
b. Size
c. TextAlign
d. Grow
- ____ 19. Compile errors _____.
a. result from an attempt to perform an operation that cannot execute
b. are not syntax errors
c. are errors found while an application is running
d. are errors such as misspelled key words or incorrect use of operators
- ____ 20. You can run an application in all of the following ways except _____.
a. Click the *Start Debugging* button on the toolbar
b. Press the Ctrl-F4 keys
c. Press the F5 key
d. Click *DEBUG* on the menu bar, and then click *Start Debugging*
- ____ 21. IntelliSense is a feature of Visual Studio that _____.
a. provides hints about the input data requested from the user
b. provides automatic code completion as you write programming statements
c. allows the user to easily modify properties for a control in design mode
d. is a feature that will help the programmer use proper naming conventions
- ____ 22. When you have an item selected and press the F1 key, you get _____.
a. properties window
b. the solution explorer window
c. context-sensitive help
d. tool-tip for the item
- ____ 23. The code that is executed when the user clicks a button is known as _____.
a. a property
b. a control
c. an event handler

- d. a keyword
- ____ 24. The value of a control's property may be changed while the application is running by _____.
 - a. using an assignment statement
 - b. using the *Properties* window
 - c. using the *Toolbox* window
 - d. all of the above
- ____ 25. The _____ property appears in parentheses so it will appear at the top of the alphabetical Property list.
 - a. Name
 - b. Text
 - c. Visible
 - d. all of the above
- ____ 26. Which of the following is not a valid value for the `FormBorderStyle` property?
 - a. `Fixed3D`
 - b. `Sizable`
 - c. `FixedSingle`
 - d. `FixedDouble`
- ____ 27. Which of the following statements are correct?
 - a. A Visual Studio project is a container that holds a solution.
 - b. A Visual Studio project may have multiple solutions.
 - c. A Visual Studio project must belong to a solution.
 - d. Both A and B are correct.
- ____ 28. Assume you have a Button control named `btnDisplayList`. Which is the default name for an event procedure that will be executed when the user clicks on the control?
 - a. `Click_btnDisplayList`
 - b. `btnDisplayList_Click`
 - c. `btnDisplayList_ClickEvent`
 - d. `btnDisplayList_ClickButton`
- ____ 29. Programs should use comments (remarks) to _____.
 - a. explain what the code does
 - b. save time when the program must be modified
 - c. save time when you have to debug the program
 - d. all of the above
- ____ 30. Choose the correct assignment statement for a Label control named `lblTitle` that would align the control's text with the middle and center of the control's bounding box?
 - a. `lblTitle.TextAlign = MiddleCenter`
 - b. `lblTitle.TextAlign = Middle`
 - c. `lblTitle.TextAlign = ContentAlignment.Center`
 - d. `lblTitle.TextAlign = ContentAlignment.MiddleCenter`
- ____ 31. Which property determines the characters that appear in the title bar of `Form1`?
 - a. `Form1.Name`

- b. Form1.Text
- c. Form1.Caption
- d. Form1.Title

____ 32. What will the following section of code do?

```
Private Sub btnExit_Click(ByVal sender As System.Object, _  
    ByVal e as System.EventArgs) Handles btnExit.Click  
    Me.Close()  
End Sub
```

- a. Shut down the computer
- b. Log off the current user
- c. Close the current form
- d. All of the above

____ 33. Which of the following displays a message box with the text "Hello World"?

- a. MessageBox.Show("Hello World")
- b. MessageBox.Display("Hello World")
- c. MessageBox.Text("Hello World")
- d. MessageBox.Send("Hello World")

____ 34. The _____ control uses a Label to display program status information and messages to the user.

- a. LinkLabel
- b. StatusStrip
- c. ErrorProvider
- d. TextBox

____ 35. The _____ property of a label determines if the label can be seen by the user at runtime.

- a. Active
- b. Visible
- c. Invisible
- d. Enabled

____ 36. The color of the text in a Label control is determined by the _____ property.

- a. Color
- b. Font
- c. ForeColor
- d. TextColor

Chapter 2

Answer Section

<u>Answer</u>	<u>Page Reference</u>
1. b	46
2. c	50
3. a	88
4. d	46
5. c	52
6. d	52
7. c	47
8. c	58
9. c	60
10. b	48
11. d	70
12. c	68
13. b	76
14. a	79
15. d	82
16. b	83
17. a	82
18. a	88
19. d	99
20. b	56
21. b	84
22. c	98
23. c	70
24. a	74
25. a	62
26. d	82
27. c	58
28. b	74
29. d	79
30. d	90
31. b	47
32. c	78
33. a	91
34. b	93
35. b	64
36. c	81