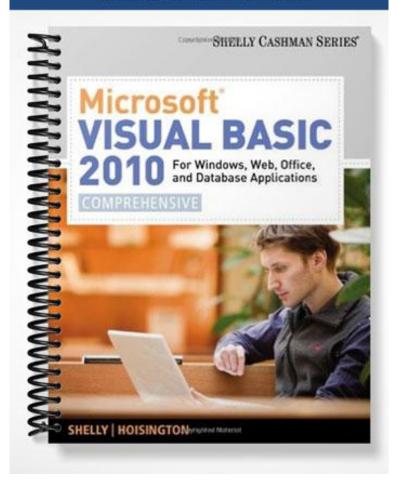
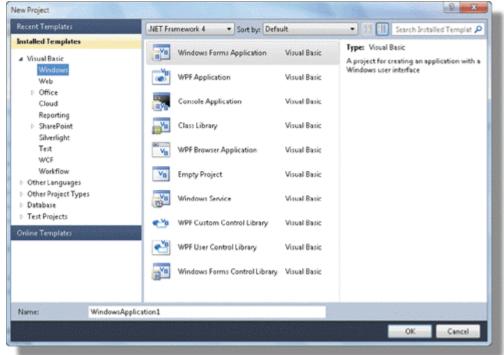
TEST BANK



MULTIPLE RESPONSE

	Modified Multiple Ch	oice		
1.	Properties are used to da. color	lescribe an object's _		the screen.
	b. name			position
	ANS: A, B, C, D	PTS: 1	REF:	39
2.	No are allowed in	an object name.		
	a. spacesb. numbers			special characters letters
	ANS: A, C	PTS: 1	REF:	40
3.	Once a GUI object is p to change its	laced on a Windows	Form o	bject, dragging its corner sizing handle allows you
	a. vertical border resob. height	olution		width center point
	ANS: B, D	PTS: 1	REF:	44
	a. right-click the comb. double-click the coc. drag it from the Tod. click the componer location	omponent in the Toolboolbox	OOX	ick the Windows Form object at the desired
	ANS: B, C, D	PTS: 1	REF:	46
5.	The program developm	nent life cycle include	es	
	a. designing the user			coding the program
	b. testing the program			documenting the system
	ANS: A, B, C, D	YTS: 1	REF:	75
MOD	IFIED TRUE/FALSE			
1.	When you enter a value object.		for a I	Label object, the value will be displayed in the <u>Text</u>
	ANS: F, Label			
	PTS: 1	REF: 49		
2.	When a Label object or	n a Windows Form ol	bject is	selected, it has a <u>red</u> border.
	ANS: F, dotted			

	PTS: 1	REF:	51			
3.	A GUI obje	ct must be selec	ted in o	rder to delete it.	·	
	ANS: T			PTS:	1 REF:	55
4.			-	-	to True, the Button obered in the Text prope	ject will automatically expand rty.
	ANS: F, A	utoSize				
	PTS: 1	REF:	69			
5.	A <u>red</u> snap	line indicates tha	at the sid	des of objects a	re aligned vertically.	
	ANS: F, bl	ue				
	PTS: 1	REF:	72			
MUL	TIPLE CHO	DICE				
1.	Visual Basica. RAD b. ERD	c contains	tools th	c.	ne design process. HTTP EFT	
	ANS: A	PTS:	1	REF:	32	
2.	A(n) i a. applicat b. project	_	single	c.	l using Visual Studio. command matrix	
	ANS: B	PTS:	1	REF:	34	
3.	operating sy created by s a. Web Ap		n will al	low the user to in Visual Studio	interact with the prog	er running the Windows ram by using this window, is
	ANS: C	PTS:	1	REF:	34	
4.		new project usin	-	-	nust specify both the t	ype of application you will
	a. color sc	•	i wisii l(c. d.	font size window size	
	ANS: B	PTS:	1	REF:	34	



	Name: WindowsApplic	ation1		
		94.94		OK Cancel
5.			on to indicate the c.	ng a new project in Visual Studio, you must select e type of application you wish to create. text projects templates
	ANS: D	PTS:	1 REF:	34
6.	is the default nam a. WindowsProject1 b. WindowsApplicati		c.	on project in Visual Studio. WindowsProgram1 WindowsLibrary1
	ANS: B	PTS:	1 REF:	36
7.	The project name will a. status bar b. title bar	be disp	c.	the Visual Studio window. toolbar Toolbox
	ANS: B	PTS:	1 REF:	36
8.	When creating a progra and which will display a. Windows Form ob b. Windows Screen o	on you ject	ur screen when the pr c.	_ is the window that you use to build the program ogram is executed. Windows Program object Windows Application object
	ANS: A	PTS:	1 REF:	37
9.	When creating a prograthe of the Visual a. task area b. design area		window.	ndows Form object you are designing will appear ir form area work area
	ANS: D	PTS:	1 REF:	37

10. The _____ is the fundamental object in the graphical user interface you will create using Visual Studio tools.

a. Windows Form object

c. work area

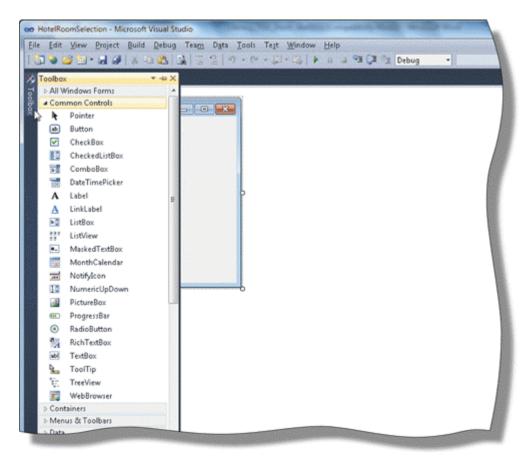
b. user space

d. user window

ANS: A

PTS: 1

REF: 37



11	Button Label	and ProgressBar	in the	accompanying figure are	components.
11.	Dutton, Laber.	. and i togicssbar	m uic	accompanying figure are	components.

a. .NET

c. command

b. display

d. category

ANS: A

PTS: 1

REF: 37

12. Graphical elements called ____ components can be placed on a Windows Form object using the elements in the accompanying figure, when you are designing the user interface.

a. linked

c. command

b. common

d. .NET

ANS: D

PTS: 1

REF: 38

13. The ____ contains the GUI objects that can be used when designing a graphical user interface in Visual Studio.

a. toolbar

c. Toolbox

b. task bar

d. Properties window

ANS: C

PTS: 1

REF: 38

14.	The Auto Hide butto Toolbox will remain a. Lock		Toolbox title l	oar con	tains a icon which indicates whether the Minimize
	b. Checkmark				Pushpin
	ANS: D	PTS:	1	REF:	38
15.	are used to cora. Attributes b. Properties	ntrol the	color, size, nan	c.	position on the screen of the GUI components. Symbols Indices
	ANS: B	PTS:	1	REF:	39
16.	By default, the Prop a. upper-right b. upper-left	erties wi	ndow is displa	c.	he section of the Visual Studio window. lower-left lower-right
	ANS: D	PTS:	1	REF:	39
17.	You are designing a Which of the follow a. MilesForm b. Form1				frmSalesRep
	ANS: D	PTS:	1	REF:	40
18.	Which prefix should a. form b. frm	l be used	to name a Wir	c.	
	ANS: B	PTS:	1	REF:	40
19.	The property of a. Title b. Text	of a Form	n object can be	c.	set the text that will appear on the form's title bar. Caption Label
	ANS: B	PTS:	1	REF:	42
20.	The default text valua. 1Form b. Form	e for the	e first Windows		object created in a project is Form1 ThisForm
	ANS: C	PTS:	1	REF:	42
21.	The size of a GUI of using the propose. Dimensions b. Shape	-		c.	ect can be changed by dragging its borders or by Resolution Size
	ANS: D	PTS:	1	REF:	44
22.	The property of a. WindowState b. TabStop	of a Wind	dows Form obj	ect can c. d.	
	ANS: C	PTS:	1	REF:	•

23.	The object is u a. Label b. TextBox	sed to display a messaş	c.	at a name on an item in a window. PictureBox Button
	ANS: A	PTS: 1	REF:	45
24.	The Label object appa. Common Controlb. Text	pears in the categ		Commands
	ANS: A	PTS: 1	REF:	46
25.	A prefix of sho a. lab b. lbe	ould be used when nam	c.	oel objects. lbl lal
	ANS: C	PTS: 1	REF:	47
26.	The property o a. Caption b. Label	f a Label object can be		change the contents of the Label object. Text Title
	ANS: C	PTS: 1	REF:	48
27.	You can use the a. Text b. Font	$_$ property to change th	c.	or size of the text in a Label object. Style Format
	ANS: B	PTS: 1	REF:	51
28.	choices for the prope a. ellipsis b. caret	erty will be made avail	able wh c. d.	window, a(n) button indicates multiple en you click the button. comma percent sign
	ANS: A	PTS: 1	REF:	52
29.	A Label object can ba. Fileb. Edit	be centered on the Wind		orm object by using choices on the menu. Format Tools
	ANS: C	PTS: 1	REF:	54
30.	A GUI object on a V a. DELETE b. F3	Vindows Form object c		eleted by selecting it and pressing the key. BACKSPACE F5
	ANS: A	PTS: 1	REF:	55
31.	A(n) object is a a. Frame b. Image	used to hold an image o	c.	ndows Form object. PictureBox GraphicObject
	ANS: C	PTS: 1	REF:	56
32.	A prefix of sho	ould be used when nam	_	ctureBox object.

	b. pbx		d.	pic
	ANS: D	PTS: 1	REF:	58
33.	To select multiple of clicking the objects		ws Form obj	ect, you must hold down the key while
	a. ALT b. CTRL			DELETE SHIFT
	ANS: B	PTS: 1	REF:	61
34.				you are dragging a GUI object on a Windows Form rizontally aligned with the object connected by the
	a. key			hot
	b. base	Para 1		snap
	ANS: D	PTS: 1	REF:	70
35.	a. design the user i	interface		development life cycle.
	b. gather and analyc. code the programd. document the program	m	quirements	
	ANS: B	PTS: 1	REF:	75
36.	You should as requirements have b			m development life cycle, after the program
				design the user interface
	b. code the program			document the program
	ANS: C	PTS: 1	REF:	75
37.	is the last phas			
	a. Documenting thb. Testing the prog			Discarding the program/system Maintaining the program/system
	ANS: D	PTS: 1	REF:	76
38.		ogram performs its		d manner the instructions for using the program, the other items that users, other developers, and
	a. Documenting		c.	Indexing
	b. Labeling ANS: A	PTS: 1	d. REF:	Texting
	ANS. A	113. 1	KLI	73-70
39.	procedures to be fol	lowed when using	the program	gram being developed, the application title, the , any equations and calculations required, any and any notes and restrictions that must be followed
	a. notes			restrictions
	b. requirements	Para 1	d.	matrix
	ANS: B	PTS: 1	REF:	TI

40.	a. Pictur		or the	user interface.		Presentation layer Application matter
	ANS: C	I	PTS:	1	REF:	79
TRUI	E/FALSE					
1.	Visual St	udio 2010 is a	ın inte	grated develop	ment ei	nvironment.
	ANS: T	I	PTS:	1	REF:	30
2.						leveloper should know how to use certain Visual tools are used in the design process.
	ANS: T	I	PTS:	1	REF:	32
3.	A project	created in Vi	sual S	tudio is equiva	lent to	a single screen at runtime.
	ANS: F	I	PTS:	1	REF:	34
4.	When cre be used.	ating a new p	roject	using Visual S	tudio, y	you first must select the programming language to
	ANS: T	I	PTS:	1	REF:	34
5.	A Windowser.	ws Applicatio	n proj	ect will create	a progr	am that is designed to run using an Internet
	ANS: F	I	PTS:	1	REF:	34
6.		lows Form ob ual Studio too		the fundament	tal obje	ct in the graphical user interface you will create
	ANS: T	I	PTS:	1	REF:	37
7.	The Tooll	bar contains th	he GU	I components t	that you	a can use when designing the form.
	ANS: F	I	PTS:	1	REF:	37
8.	The Auto	Display butto	on con	trols whether o	or not th	ne Toolbox is permanently open.
	ANS: F	I	PTS:	1	REF:	38
9.	When the	Toolbox is in	n Dock	kable mode, it c	cannot 1	be moved.
	ANS: F	I	PTS:	1	REF:	38
10.	By defaul	t, the Propert	ies wii	ndow is shown	in the ı	upper-right section of the Visual Studio window.
	ANS: F	I	PTS:	1	REF:	39

11.	If the Solution Explorer window is not displayed on your screen, you can display the window by
	clicking View on the menu bar and then clicking Solution Explorer on the View menu.

ANS: T

PTS: 1

REF: 39

12. The properties in the Properties window are in alphabetic order.

ANS: T

PTS: 1

REF: 42

13. The Caption property is used to set the contents of the title bar of a Windows Form object.

ANS: F

PTS: 1

REF: 42

14. You do not have to select a property in order to change it.

ANS: F

PTS: 1

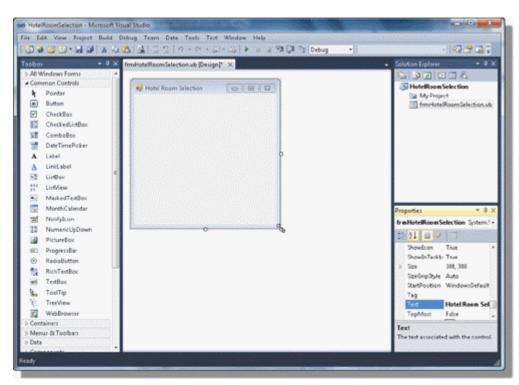
REF: 42

15. The size of a GUI object can only be changed by using the Size property.

ANS: F

PTS: 1

REF: 44



16. As shown in the accompanying figure, the mouse pointer changes to a two-headed arrow to indicate that you can drag to change the size of the GUI object.

ANS: T

PTS: 1

REF: 44

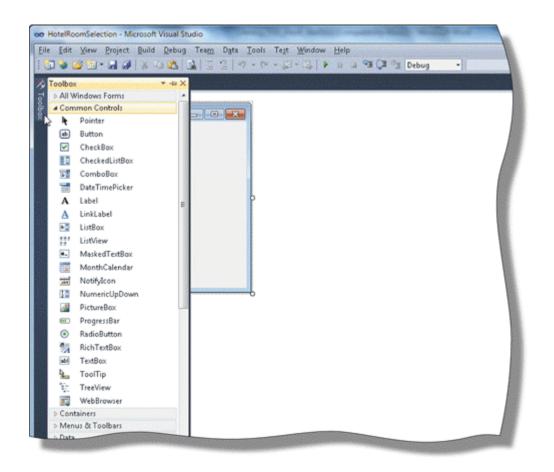
17. You can add a .NET component to a Windows Form object by double-clicking the .NET component in the Toolbox.

ANS: T

PTS: 1

REF: 46

18.	A Label object ca	an only contain one li	ne of text.	
	ANS: F	PTS: 1	REF: 50	
19.	You can use the	Text property of a La	bel object to change the size and appearance of the text.	
	ANS: F	PTS: 1	REF: 51	
20.	•	e the size of the font modate the changed f	used in a Label object, the Label object will automaticall ont.	У
	ANS: T	PTS: 1	REF: 53	
21.	A GUI object mu	ast be dragged into po	sition when you want to center it on a Windows Form of	oject.
	ANS: F	PTS: 1	REF: 54	
22.	The Undo button	cannot be used to res	store a GUI object that has been deleted.	
	ANS: F	PTS: 1	REF: 56	
23.	When aligning se objects will be al		ne first object selected is the controlling object, and the or	ther
	ANS: T	PTS: 1	REF: 62	
24.	To change the co		appears on the face of a Button object, you must use the	,
	ANS: F	PTS: 1	REF: 67	
25.	When you save a to be saved.	Visual Basic project	the first time, you must select the location where the pro-	ject is
	ANS: T	PTS: 1	REF: 74	
COM	PLETION			
1.	Visual Studio 20	10 is the	that is used when writing Visual Basic prog	grams.
		opment environment opment environment (IDE)	
	PTS: 1	REF: 30		
2.	A(n)screen of a comp	is a prouter using the Windo	gram that will include, as the user interface, a window of ws operating system with which the user will interact.	n the
	ANS: Windows	Application project		
	PTS: 1	REF: 34		



3.	As shown in the accompanying figure, the Toolbox contains the	that can be
	placed on the Windows Form object.	

ANS: .NET components

PTS: 1 REF: 38

4. When the Pushpin icon on the Auto Hide button is vertical, the part of the Visual Studio window shown in the accompanying figure is said to be in ______ mode.

ANS:

dockable

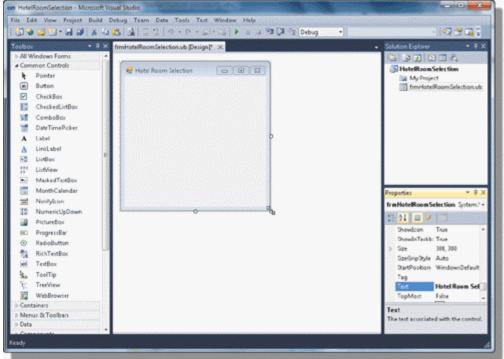
Dockable

PTS: 1 REF: 38

5. If the properties in the Properties window do not appear in alphabetical order, click the ______ button to place them in alphabetical order.

ANS: Alphabetical

PTS: 1 REF: 39



6.	As shown in the accompanying figure, when a GUI object on a Windows Form object is selected in Visual Studio, appear on the outer edges of the object that allow you to change the size of the GUI object.
	ANS: sizing handles
	PTS: 1 REF: 40
7.	When a Windows Form object has been resized, the exact size in numbers of horizontal and vertical pixels is shown on the bar.
	ANS: status
	PTS: 1 REF: 45
8.	A(n) object is used in a graphical user interface to provide information about items on the window.
	ANS: Label
	PTS: 1 REF: 45
9.	The default contents of a Label object can be changed by using the property.
	ANS: Text
	PTS: 1 REF: 48
10.	A GUI object on a Windows Form object can be deleted by selecting it and pressing the key on the keyboard.

	PTS: 1 REF: 55				
11.	11. You can resize a GUI object to be the same size as another GU command on the menu.	JI object by using the Make Same Size			
	ANS: Format				
	PTS: 1 REF: 61				
12.	12 means that one element in the GUI is with another element in the window.	s lined up horizontally and/or vertically			
	ANS: Alignment				
	PTS: 1 REF: 62				
13.	13. A(n) object is generally used on a for program is executing.	rm to cause an event to occur when the			
	ANS: Button				
	PTS: 1 REF: 65				
14.	14. A prefix of should be used when nar	ning a Button object.			
	ANS: btn				
	PTS: 1 REF: 67				
15.	15. A snap line that is colored indicates that the text in another object.	e text within an object is aligned with the			
	ANS: red				
	PTS: 1 REF: 73				
16.	Program consists of the instructions written using a programming language that ultimately can be executed by a computer.				
	ANS: code				
	PTS: 1 REF: 75				
17.	17. Program and system is the process o	f changing and updating programs.			
	ANS: maintenance				
	PTS: 1 REF: 76				
18.	18. A(n) is a sequence of actions a user	will perform when using the program.			
	ANS: use case				

ANS: DELETE

	PTS:	1	REF:	78
19.				_ specifies each of the use case sequences of actions by describing what program will respond.
	ANS:	Use Case Def	inition	
	PTS:	1	REF:	78
20.		nterface design design only.	s with 1	no functionality, called, are created for approval
	ANS:	mock-ups		
	PTS:	1	REF:	79

MATCHING

Identify the letter of the choice that best matches the phrase or definition.

a. templates
b. Dockable
c. blue
d. sizing handles
e. title bar
f. .NET components
g. PictureBox
h. lbl
i. red
j. btn

- 1. When creating a new project using Visual Studio, the types of programs that can be created are shown as these
- 2. After a project has been created in Visual Studio, the project name will be displayed on this part of the Visual Studio IDE
- 3. The graphical objects that can be used to design the user interface
- 4. The Pushpin icon on the Auto Hide button of the Toolbox will appear in a vertical position when the Toolbox is in this mode
- 5. When an object is selected on a Windows Form object, these will appear on the object
- 6. When the mouse pointer is inside this kind of object, it changes to a crosshair with four arrowheads
- 7. A Button object's name should have this prefix
- 8. Kind of snap line that indicates that the edges of two objects are vertically aligned
- 9. Kind of snap line that indicates text within an object is aligned with the text in another object
- 10. A Label object's name should have this prefix

1.	ANS:	A	PTS:	1	REF:	34
2.	ANS:	E	PTS:	1	REF:	36
3.	ANS:	F	PTS:	1	REF:	38
4.	ANS:	В	PTS:	1	REF:	38
5.	ANS:	D	PTS:	1	REF:	40
6.	ANS:	G	PTS:	1	REF:	57
7.	ANS:	J	PTS:	1	REF:	67
8.	ANS:	C	PTS:	1	REF:	72
9.	ANS:	I	PTS:	1	REF:	73
10.	ANS:	H	PTS:	1	REF:	47

ESSAY

1. What are the methods for placing a .NET component from the Toolbox on the Windows Form object?

ANS:

In addition to dragging a .NET component from the Toolbox to the Windows Form object, you can place an object on the Windows Form object by double-clicking the .NET component in the Toolbox. You can move and resize the object after it has been placed on the Windows Form object. You also can click the .NET component in the Toolbox and then click the Windows Form object at the desired location for the object. The object will be placed where you clicked.

PTS: 1 REF: 46 TOP: Critical Thinking

2. Define alignment and explain its significance with regard to PictureBox objects, for example.

ANS:

When designing a graphical user interface, you should consider aligning the elements to create a clean, uncluttered look for the user. Alignment means one element in the GUI is lined up horizontally (left and right) or vertically (up or down) with another element in the window. When you want to align objects already on the Windows Form object, select the objects to align, and then specify the alignment you want. The first object selected is the controlling object; when aligning, this means the other objects that are selected will be aligned on the first object selected.

PTS: 1 REF: 62 TOP: Critical Thinking

3. Discuss three methods for opening a saved project.

ANS:

Method 1: Double-click the solution file in the folder in which it is stored. This method will open the solution and allow you to continue your work.

Method 2: With Visual Studio open, click the Open File button on the Standard toolbar, locate the solution file, and open it in the same manner you use for most programs running under the Windows operating system.

Method 3: With Visual Studio open, click File on the menu bar and then point to Recent Projects and Solutions on the File menu. A list of the projects most recently worked on is displayed. Click the name of the project you want to open. This method might not work well if you are using a computer that is not your own because other people's projects might be listed.

PTS: 1 REF: 75 TOP: Critical Thinking

CASE

Critical Thinking Questions Case 2-1

Professor Mackenzie is answering questions from students in her class as she explains the program development life cycle in her introductory Visual Basic course.

1. Some of her students have been confusing the order of the various steps and phases and she wants to correct any misunderstandings about it. Which of the following can the professor give as the correct order for the steps in the program development life cycle?

a. Gather and analyze the program requirements, design the program processing objects,

design the user interface, code the program, document the program/system, test the program, and maintain the program/system

- b. Design the user interface, design the program processing objects, gather and analyze the program requirements, code the program, test the program, document the program/system, and maintain the program/system
- c. Gather and analyze the program requirements, design the user interface, design the program processing objects, code the program, test the program, document the program/system, and maintain the program/system
- d. Gather and analyze the program requirements, code the program, design the user interface, design the program processing objects, test the program, document the program/system, and maintain the program/system

ANS:

 \mathbf{C}

PTS: 1 REF: 75-76

2. When does Professor Mackenzie tell her students that program documentation should occur?

a. As the program requirements are being	c. As the program is being designed and
gathered and analyzed.	coded, and after that process is completed.
b. Before the user interface and program	d. After the program has been successfully
processing objects are designed	tested.

ANS:

В

PTS: 1 REF: 75

Critical Thinking Questions

Case 2-2

You and Ellen are cramming for your exam about the second phase of the program development life cycle, the design of the user interface.

3. As you recount the design principles to Ellen during your study session, which of the following is NOT one that you share with her?

- a. If the user interface is too simple to use, the user will not trust that it is sufficiently robust.
- b. Use of the interface should feel natural and normal.
- c. A good user interface provides the most appropriate object for each requirement.
- d. The objects in the interface must be arranged in the sequence in which they are used so the user can move from item to item on the screen in a logical, straightforward manner.

ANS:

Α

PTS: 1 REF: 79|80

4. Ellen tells you the percentage of program design time that developers spend on the user interface. You think that she is exaggerating but then you double-check and see that she is right. What range does she give you?

a. 25% to 40%	c. 35% to 60%
b. 30% to 50%	d. 40% to 70%

ANS:

PTS: 1 REF: 79