

# Introduction to Computer and Information Technology



أسئلة الحاسب من شابتر **1 -34** 



ليست جميع الأسئلة محلولة ،، و أعتدر إن وُجد أي خطأ..











GO	g
1.	input
2.	bit
3.	byte
4.	output
5.	1-20 Ta
6.	central processing unit
7.	random access memory
8.	peripheral
9.	software
10.	utility software

1-e 2-h 3-b 4-j 5-d 6-g 7-c 8-i 9-a 10-f

- program that tells the computer what to do
- b. group of 8 bits
- area where data and instructions are stored while the computer is working
- d. physical parts of a computer
- e. raw data entered into a computer
- f. program that does maintenance or repair tasks
- g. part of a computer that processes data
- basic unit of data a digital computer can understand
- hardware separate but connected to the computer
- j. the results of the computer's processing

Directions: Complete each sentence with information from the chapter.

1.	A(n) is a
	machine that changes information from one form into another.
2.	is a basic
	operation of computers.
3.	Data and instructions in computers are coded with a(n)
	because computers only understand two values.
4.	The CPU uses to hold data it is working on.
5.	Data in RAM is when the computer is turned off.

1- computer 2- processing 3-binarycode\bits 4-RAM 5-lost 6-serial port7- several\multiple 8- custom 9communication 10-less

6.	A(n)	is an
	example of a connector that	works
	with only one kind of peripl	heral.

7. SCSI and USB conne	ectors connect
	peripherals
at the same time.	

	Some organizations need		
		software	
	programs to do ver	y specific jobs.	

9.		software is
	used to connect to the	Internet and
	send e-mail.	

10.	Off-the-shelf software is		
	expensive		
	than custom software because		
	publishers sell more units.		



\_\_\_\_\_\_1. command
\_\_\_\_\_2. motherboard
\_\_\_\_\_3. read-only memory
\_\_\_\_\_4. programmer
\_\_\_\_\_5. compiler
\_\_\_\_\_6. supercomputer
\_\_\_\_\_7. algorithm
\_\_\_\_\_8. server

circuit

9.

10.

### 1-b 2-d 3-g 4-i 5-h 6-e 7-a 8-j 9-f 10-c

desktop computer

- 1. What would you most likely use a microphone to input?
  - a. commands
  - **b.** images
  - c. sound
  - d. text
- **2.** Data from which part of a computer is lost when it is turned off?
  - a. the CD-ROM
  - b. the hard drive
  - c. RAM
  - d. ROM
- 3. Which is NOT a component in programs?
  - a. loop
  - b. choice
  - c. sequence
  - d. decision

#### 1-c 2-c 3-b 4-a 5-d 6-c

- a. a sequence of instructions
- **b.** instruction for the computer to do something
- a network of connected electronic components
- d. where the CPU is located
- high-speed computer for complex work
- f. another name for personal computer
- g. set of chips that starts the computer when it is turned on
- language that translates source code into binary form
- writes instructions for a computer to follow
- j. computer accessed by users on a network
- 4. Which is an example of a binary number?
  - a. 10011001
  - **b.** -342
  - c. 67439622
  - d. .0000002
- 5. Which of the following is NOT a task performed by operating systems?
  - a. controlling a printer
  - b. managing memory
  - c. coordinating how programs run
  - compiling a program
- 6. What kind of machine is more powerful than a server?
  - a. desktop computer
  - b. portable computer
  - c. mainframe
  - d. handheld computer



\_\_\_\_1. command \_\_\_\_ 2. pointer \_\_\_ 3. output device 4. digital camera 5. scanner 6. repetitive strain injury 7. All-in-One printer 8. liquid crystal display 9. impact printer 10. nonimpact printer

### 1-j 2-f 3-b 4-h 5-d 6-i 7-e 8-a 9-c 10-g

- 1. Which type of input provides answers to questions issued by programs?
  - a. commands
  - **b.** data
  - c. responses
  - d. software
- **2.** Which device can be used to connect a computer to the Internet?
  - a. keyboard
  - b. modem
  - c. pointing device
  - d. scanner
- 3. Which of the following devices can be designed to reduce the problem of RSIs?
  - a. scanner
  - b. digital camera
  - c. monitor
  - keyboard

- produces images by sending electrical signals to crystals
- any piece of hardware that displays or plays back the result of computer processing
- c. device with hammers or pins that strike a ribbon to leave ink on paper
- d. lets you input printed images into a computer
- a printer that contains fax, copier, and scanner capabilities
- f. follows a mouse's movements
- g. device such as an inkjet or laser printer
- takes photographs that a computer can read
- condition caused by making the same movements again and again
- j. instruction to a software program to take an action
  - 4. What do output devices provide?
    - data to be processed
    - software code
    - c. text and images only
    - d. results of processing
  - 5. Which of the following is NOT descriptive of a CRT?
    - a. heavy
    - b. uses little power
    - **c.** heats up easily
    - d. affordable
  - 6. What kind of output device would NOT be used to output images?
    - a. CRT
    - b. LCD
    - c. printer
    - d. speaker

1-c 2-b 3-d 4-d 5-b 6-d



<b>1.</b> compress	a. turns text into audio			
2. fax machine 3. optical character recognition	<ul> <li>prints high-quality output suitable for photos</li> </ul>			
5. video capture card	<ul> <li>software that lets the computer play like an electronic instrument</li> </ul>			
6. video adapter7. VRAM8. thermal transfer printer	d. software that scans text and turns it into a digital file			
9. speech synthesis software	e. memory on a video adapter			
<b>10.</b> MIDI	f. to make files smaller			
1-f 2-j 3-d 4-g 5-i 6-h 7-	g. captures still images, which are then shown rapidly			
	h. controls video output to the monitor			
e 8-b 9-a 10-c	i. converts analog video into digital			
	<li>j. scans documents and sends them over phone lines</li>			
To play sound that has been stored in a computer, it must be converted to format.	<ol> <li>Three-dimensional graphics include height, width, and</li> </ol>			
Digital photos can be input from a camera by transporting them on a disk or sending them to the computer using a(n)	7. DLP projectors are better than LCD projectors for giving a presentation to many people because the appear			
software	sharper.			
allows people to scan text instead of rekeying it.	8. Standard printers create output by printing tiny			
Photos that haven't been taken	on paper.			
with a digital camera can still be input into a computer	9. Headsets and the room-sized create virtual			
using either a fax machine or a(n)	create virtual three-dimensional environments.			
<u> </u>	<b>10.</b> Audio can be output to headphones			
The amount of current that a video adapter sends to the monitor deter-	or			
mines the	1- analog 2-cable or wireless			
display on the monitor.	3- ORC 4-scanner 5-color 6-			
	depth 7- images 8-dots 9-			

devices 10- speakers

1.

2.

3.

4.

5.



1. storage device	a. temporary workspace on a computer		
<b>2.</b> memory <b>3.</b> primary storage	<b>b.</b> sometimes used when referring to a computer's RAM		
<b>4.</b> secondary storage <b>5.</b> read/write device	c. uses laser to read information		
<ul> <li>5. read/write device</li> <li>6. random-access storage device</li> <li>7. optical storage device</li> </ul>	<ul> <li>d. users access from and save informa- tion to this type of device</li> </ul>		
8. hard drive	e. common secondary storage device		
9. read-only device 10. CD-ROM drive	f. computer component that retains data even after power is shut off		
	<b>g.</b> storage device that lets computer go directly to the needed information		
1-f 2-b 3-a 4-j 5-d 6-g 7-	h. read-only optical device		
c 8-e 9-i 10-h	<ul> <li>i. can only read data from the storage medium</li> </ul>		
	<li>j. any type of storage device that holds data permanently; not RAM</li>		
1. Storage devices information even when a computer	<b>6.</b> Apple's iPod is an example of that stores data in the popular		
is turned off.			
2. Information saved as a(n)	format.		
by a unique name.	<ol><li>The most common secondary storage device is a(n)</li></ol>		
<b>3.</b> The is a set of	8storage allows		
programs that directs a computer to start up.	users to access rarely used computer files.		
<b>4.</b> RAM stores its contents and is cleared	<ol> <li>A magnetic tape is an example of a(n) storage</li> </ol>		
when the computer is shut down.	device.		
<ol><li>A computer's BIOS is usually stored in a special memory chip, called</li></ol>	data on a remote computer.		

1- save\retain\hold 2-file 3- BIOS 4- temporary 5-ROM 6-portable devices- mp3 7-hard drive 8archival 9- sequential 10-cloud storage



	1. storage media	a. amount of time it takes storage device	e
	<b>2.</b> platter	to begin reading data	
	<b>3.</b> write	<b>b.</b> one of the disks in a hard drive	
	<b>4.</b> read/write head	c. removable, portable storage device	
7.5	5. access time	inserted into a USB slot	
	6. USB flash drive	<b>d.</b> save information on a storage medium	m
		<b>e.</b> indentation on optical disc that does	
®	8. data transfer rate	not reflect light	
<u> </u>	9. laser sensor 10. pit	<li>f. a mass storage device, similar to a hard disk drive that uses flash memory</li>	rx7
-	_ 10. Pit	g. needle-like device that retrieves and	· y
		stores data on a magnetic disk	
	1-j 2-b 3-d 4-g 5-a 6-c	h. tool in optical drive that reads infor-	
		mation	
	7-f 8-i 9-h 10-e	i. number of bits per second at which	
		data is moved from a storage device t RAM	to
		j. material that retains stored informa-	
		tion saved by a computer storage	
		device	
1	What type of media are used in a	4. Optical drives read information by	
	computer hard drive?	using a	
	and the Boundary and the second secon		
	a. magnetic	a. memory chip	
	b. optical	b. magnetic sensor	
	c. solid state	c. laser sensor	
	d. photo	d. binary code	
2.			
	drive affect?	up an optical disc?	<b>1-</b> a
	<ol><li>a. if a read/write head can store dat</li></ol>	a a. one	
	<b>b.</b> where a read/write head stores	<b>b.</b> two	2-0
	data	c. three	
	<b>c.</b> how fast a computer reads and	<b>d.</b> four	3-k
	writes data	6. Which of the following storage	1 -
	<b>d.</b> the computer's memory	devices allow you to write data to a	4-0
3.	Which medium stores the least	medium multiple times?	5-0
	amount of information?	a. CD-Rs	<b>J</b> -(
	a. DVD	<b>b.</b> read/write storage devices	6-k
	b. CD	c. DVD-ROMs	
	c. hard drive	d. laserdiscs	
	<b>d.</b> USB flash drive	ui lascialises	
	u. Cob nash unive		



	-		interface crash		a.	area on a computer screen when you perform work	e
	m e		graphical user interface		b.	to stop working	
		5.	<b>5.</b> icon <b>6.</b> driver utility <b>7.</b> Plug and Play			program that controls input/ou devices	tput
	8 8	7.			d.	picture that represents somethir a computer	ng on
			backup utility file compression utility		e.	Section 1 and 1 an	the
					f.	program that copies a file onto another medium	
		1-	e 2-b 3-g 4-a 5-d 6-c		g.	lets you use a mouse to work w the computer	ith
		7-	h 8-f 9- i		h.	capable of detecting compatible devices	
					i.	reduces file size without harmir data	ıg
1.	W	hich	of the following is NOT usu-	4.	Wh	uich operating system is found	
	ally handled by the operating system?					st often on large business and	
	a.	a. managing programs				entific computers?	<b>1-c</b>
	b.		aling with input/output			Microsoft Windows	2 -
			vices			Mac OS	<b>2</b> -a
		500	blishing Web pages			UNIX	3-d
200			eracting with the user	3000		Linux	1 -
2.				tome application programs and	4-с		
	system usually requires the least amount of user interaction?					tems, application programs, and or data have in common?	5-d
			l-time systems			They are all system utilities.	<b>C</b> 4
			gle-user/single-task systems			They are all Windows-based.	6-d
	c.		gle-user/multitask systems			They are all created by the user.	
	d.		ılti-user systems			They are all stored in files.	
3.	W)	hich	of the following is a key part aphical user interface?	6.	Wh	at kind of utility is used to reduce size of a file?	
	a.		nmand words		a.	driver utility	
	b.	cui	rsors		b.	program utility	
	c.	me	emory		C.	backup utility	

**d.** file compression utility

d. icons



	1. boot	a. to start the computer and load the	
83	<b>2.</b> POST <b>3.</b> window	operating system	
84	<b>4.</b> pull-down menu	<ul> <li>option that appears when an item is selected from the menu bar</li> </ul>	
89	<b>5.</b> pop-up menu	c. utility that looks for errors in	
2	6. screen saver	magnetic media	
95	<b>7.</b> file extension	<ul> <li>d. changes the display on the desktop</li> </ul>	
39	8. cross-platform compatibility		
3	<b>9.</b> disk scanner <b>10.</b> file fragmentation	file's format  f. series of tests run during the boot	
354	<b>10.</b> file fragmentation	<li>f. series of tests run during the boot process</li>	
		g. ability to share files across operating	
	1-a 2-f 3-i 4-b 5-h 6-d	systems	
	1 4 2 1 3 1 4 5 11 6 4	<ul> <li>h. shortcut command that appears</li> </ul>	
	7-e 8-g 9-c 10-j	anywhere in a window	
		<ul> <li>i. frame that displays a document or file</li> </ul>	
		j. having parts of files stored on differ-	
		ent areas of a disk or hard drive	
1.	Which of the following indicates that the computer can accept input from the keyboard and display informa-	4. Which of the following is NOT a system change most users should attempt?	
	tion on the monitor?	a. moving the operating system	
	a. POST	b. adding a scanner 1-b	
	b. BIOS screen	c. changing mouse settings	
	c. GUI	<b>d.</b> removing a program <b>2-d</b>	
	<ol> <li>cross-platform application</li> <li>5.</li> </ol>	<b>5.</b> Along with the data itself, which of	
2.	At what point in the boot process	the following is saved with a file? 3-c	
	can users be asked their username	a. login procedure 4- a	
	and password?	<b>b.</b> code for the application that	
	a. at the control panel	created it 5-b	
	<b>b.</b> in a screen saver	c. icon that describes it d. maintenance utility 6-d	
	<ul><li>c. in a file manager</li><li>d. at login</li></ul>	ar maintenance anni,	
2	1918	<b>6.</b> Which of the following is one way	
3.	If a pop-up menu is context-sensitive, what is it related to?	that a file can be corrupted?	
		a. by deleting it	
	a. file format	<b>b.</b> by appearing on the desktop	
	<ul><li>b. printer settings</li><li>c. what you are doing</li></ul>	<ul><li>c. by moving it to a new folder</li><li>d. by storing it on a damaged disk</li></ul>	
	- mining you are doing	er of storing it on a damaged disk	

d. operating system



<ol> <li>personal information manager</li> <li>integrated software</li> <li>productivity suite</li> <li>shareware</li> <li>freeware</li> <li>public domain software</li> <li>uninstall</li> <li>maximize</li> <li>apps</li> <li>scroll</li> </ol>		<ul> <li>a. software that you can try before purchasing</li> <li>b. uncopyrighted software that is given away without cost</li> <li>c. software that stores phone numbers and creates schedules</li> <li>d. combines several full-featured programs in one package</li> <li>e. third-party software programs developed specifically for certain smart phones</li> </ul>				
	1-c 2-g 3-d 4-a 5-j 6-b			to delete a program from the computer		
				combines basic features of sever applications into one package		
	7-f 8-i 9-e 10-h		h.	move from one place in a windo another	w to	
			j.	to make a window as large as po copyrighted software that is give away without cost		
1.	Which of the following items is NOT	4.	W	hich of the following types of		
	an example of application software?			ftware is available on a try-before-	4	
	a. spreadsheet		yo	u-buy basis?	<b>1-c</b>	
	<b>b.</b> database		a.	commercial software	2-b	
	c. operating system			shareware	2 -	
74200	<b>d.</b> word processor			freeware	3-a	
2.		_		public domain software	4-b	
	application software combines the basic features of several applications?	ე.		hich of the following features ows the user to launch an	5-d	
				plication?	<b>J</b> -u	
	<ul><li>a. stand-alone program</li><li>b. integrated software</li></ul>		- 200	Help menu	6-a	
	c. productivity suite		b.	menu bar		
	<b>d.</b> personal information manager		C.	title bar		
	(PIM) program		d.	desktop icon		
3.	Which of the following types of soft-	6.	W	hich of the following tools allows		
	ware must be purchased in advance?			e user to move from one part of a		
	<ol><li>a. commercial software</li></ol>			ndow to another?		
	<b>b.</b> shareware		255	scroll arrows		
	c. freeware		b.	scroll icons		
	<b>d.</b> public domain software		C.	scroll menu		

d. scroll file



1-b

**2-c** 

3-a

**4-d** 

5-b

6-d

1.	vertical application
2.	horizontal application
3.	beta version
4.	copy protection
5.	documentation
6.	version
7.	site license
8.	application workspace
9.	zoom
10.	preference

### 1-c 2-d 3-h 4-e 5-f 6-j 7-a 8-b 9-g 10-i

- 1. Which of the following is an example of a vertical application?
  - a. an Internet browser
  - a library card catalog
  - a popular personal information manager
  - an inexpensive spreadsheet
- 2. Which of the following is NOT an example of multitasking?
  - switching from one program to another
  - moving data to a different document
  - keeping your desktop clear
  - working in three or four applications at once
- 3. Software documentation can help you do which of the following?
  - a. troubleshoot problems
  - b. obtain a site license
  - c. make an application vertical
  - create a new version

- permission to install software on multiple computers
- b. main area of a program window
- a program designed for a limited purpose
- **d.** a general-purpose program that can be used by a variety of users
- tool that keeps a user from making unauthorized copies of software
- instructions that make using software easier
- g. to change the size of the data on the screen
- test copy of software that companies use to find errors
- i. setting defined by the computer user
- j. copy of software that may have new features
- 4. Which of the following is NOT a characteristic of a maintenance release?
  - a. minor revisions to existing features
  - b. minor features added
  - c. letter added to the version number
  - d. significant improvements
- 5. Changing the zoom controls allows you to do which of the following?
  - change the font of the data on the screen
  - **b.** adjust the size of the data on the screen
  - change the order in which the data is displayed on the screen
  - d. adjust the document's margins
- 6. Which of the following menus would a word processor most likely have?
  - Calculate
  - **b.** Message
  - c. Sound Controls
  - d. Edit



#### Use the Vocabulary

**Directions:** Match each vocabulary term in the left column with the correct definition in the right column.

- 1. insertion point
  2. word wrap
  3. pagination
  4. AutoCorrect
  5. select text
  6. Clipboard
  7. default
  8. section
  9. page format
- 1- e 2- f 3- g 4-d 5- h 6-c 7- i 8- b 9-a

- features that identify how and where text is positioned
- a separate part of a document with its own formatting
- **c.** area where cut or copied text is temporarily stored
- **d.** fixes common spelling mistakes as they are typed
- shows the place in a document where text will be added or deleted
- f. automatically moves text to a new line
- g. the automatic division of a document into pages
- action made on a block of text before changing it

You can repeat a sentence in more than one location in the same document—or in other documents—by

using the \_\_\_\_\_

i. preset formats

			Parallel of Spinster	The Person named in column 2 is not to the Person named i	and the second
100	THE COMMO	6 1 1 1 4	PT 1 1 1 1 1 1 1 1 1		25000
O Ch	7-1-1-1	-			

Directions: Complete each sentence with information from the chapter.

	processing are writing	, and printing
2.	The	feature
	protects you from lo because you forgot t	
3.	One standard of wor	
4.	Some programs add called a(n) a file name.	
5.	The	
	command lets you re that you have just up	

	Paste commands.					
7.	programs					
	are used to create high-quality publications that look as if they were produced on a printing press.					
8.	One equals 1/72 inch.					
9.	Indentation refers to the between a					
	margin and the text in a paragraph.					
10.	An example of a(n)					
?	is a page number that appears at the bottom of every page in a report.					

1- formatting 2- auto save 3- sentence 4-5- redo command\ undoing 6- copy 7desktop publishing 8- point 9- added space 10- headers & footers



1- b

2-d

**3-c** 

**4-c** 

5-a

6-b

#### Use the Vocabulary

**Directions:** Match each vocabulary term in the left column with the correct definition in the right column.

- 1. Print Layout view
   2. Web Layout view
   3. pane
   4. document map
   5. keyboard shortcut
   6. function key
   7. find and replace
   8. paragraph
   9. style sheet
   10. Print Preview
- 1-g 2- d 3- j 4- b 5- i 6- h 7-c 8-a 9-f 10-e

- text in a document up to a forced new line
- screen that shows a document's text and a list of its headings
- c. feature that finds a word and puts another in its place
- d. document display that shows how page elements will look when published on the Web
- print feature that shows everything in a document as it will look when printed
- holds formats for all elements in a document
- g. document display that shows how page elements will look when printed
- h. a special key labeled F1, F2, and so on
- combination of keys that carry out an action
- j. partial window seen in split screen

#### Check Your Comprehension

Directions: Determine the correct choice for each of the following.

- 1. Which feature allows you to look at two parts of a document at the same time?
  - side-by-side pages
  - b. split screen
  - c. Document view
  - d. Outline view
- **2.** Which of the following keys is used in many keyboard shortcuts?
  - a. Backspace
  - **b.** Delete
  - c. Escape
  - d. Control
- 3. In word processing, what determines the end of a paragraph?
  - a. 20 lines of text
  - b. 400 words of text
  - c. a forced new line
  - d. a forced new page

- 4. By choosing "Whole Word" when searching, what will you replace?
  - a. every case where the letters appear
  - b. those letters and no others
  - all paragraphs with those letters
  - the letters only when they make a word
- 5. How does a document look in Print Preview?
  - a. as it appears when printed
  - b. as it appears on the Web
  - c. as it appears on the monitor
  - **d.** as it appears in computer code
- **6.** Which options are provided in the Print dialog box?
  - a. bold or italic type
  - **b.** number of copies
  - c. size of paper
  - d. inserting graphics



#### Use the Vocabulary

**Directions:** Match each vocabulary term in the left column with the correct definition in the right column.

- \_\_\_\_\_\_1. cell
  \_\_\_\_\_\_2. cell address
  \_\_\_\_\_\_3. active cell
  \_\_\_\_\_\_4. formula
  \_\_\_\_\_\_5. function
  \_\_\_\_\_\_6. value
  \_\_\_\_\_\_7. label
  \_\_\_\_\_\_\_8. destination
  \_\_\_\_\_\_\_9. print area
  \_\_\_\_\_\_\_\_10. order of evaluation
- 1-d 2-j 3-g 4-b 5-i 6- e 7h 8-f 9- c 10-a

- rules followed for carrying out the order of more than one mathematical operation
- mathematical expression that might link numbers in cells
- part of a spreadsheet to which printing can be limited
- d. place where a column and row meet
- e. number in a cell
- f. file where you paste shared data
- g. highlighted cell in use, where data or a formula will be entered or edited
- h. text or text and numbers in a cell
- shortcut to a formula that is used frequently
- j. identifies each individual cell

#### Check Your Comprehension

Directions: Determine the correct choice for each of the following.

- Tables in spreadsheets are better than tables in word processors because they
  - a. use numbers only
  - will have unchanging formats
  - can be easily updated
  - have accurate data
- All changes to values, labels, or formulas in a spreadsheet are made in the
  - a. formula bar
  - **b**. cell
  - c. frame
  - d. function line
- 3. Values, by default, are aligned
  - a. to the left
  - b. to the right
  - c. centered in the cell
  - **d.** at the top of the cell

- **4.** How does an Excel spreadsheet know that =10/12 is a formula and not the date October 12?
  - **a.** The equal sign (=) signals it.
  - **b.** The division (/) sign signals it.
  - Dates cannot be shown that way.
  - It would not know.
- 5. Operations are carried out in the following order:
  - a. A-D-E-M-P-S
  - **b.** M-D-E-P-S-A
  - c. P-M-D-A-S-E
  - d. P-E-M-D-A-S
- **6.** It is best to write formulas using cell references so that a spreadsheet
  - a. has no hidden information
  - **b.** has all correct values
  - c. can be updated easily
  - d. can be more easily graphed

- **1-c**
- 2 -
- **2**-a
- 3-b
- **4-a**
- 5-d
- 6-c



#### Use the Vocabulary

**Directions:** Match each vocabulary term in the left column with the correct definition in the right column.

\_\_\_\_\_\_1. range
\_\_\_\_\_2. worksheet tab
\_\_\_\_\_3. data series
\_\_\_\_\_4. increment
\_\_\_\_\_5. decrement
\_\_\_\_\_6. syntax
\_\_\_\_\_7. keyword
\_\_\_\_\_8. argument
\_\_\_\_\_9. relative reference
\_\_\_\_\_\_10. absolute reference

1- i 2-h 3-b 4-e 5-d 6c 7-a 8-j 9-g 10-f

- a. function name
- **b.** set of data that changes by a constant value
- c. rules for writing a function
- value by which numbers in a series decrease
- value by which numbers in a series increase
- f. cell reference that does not change
- g. cell reference that does change
- lets you access worksheets in a spreadsheet file
- group of cells that might include cells from different columns and rows
- j. reference to cells or range to be acted on by a function

#### Check Your Comprehension

Directions: Complete each sentence with information from the chapter.

		_*
2.	for a race timed	to record results to the second and cond, use the format
3.		nn or row, highlight , and
4.	(100년) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	t feature helps ng a spreadsheet by a
5.	Thespreadsheets so easy to read.	feature formats the data is clear and

6.	Both a(n) chart can display chart can display chart can display chart can be seen as a see	
7.	Column charts use _ to display data.	
8.	are formulas built into a	
9.	A(n) automatically updat new location if you	
10.	The cell reference shows an absolute re	eference for the

1-column heading in the frame. 2-macro 3- edit menu 4- adjust 5-chart 6-column 7- vertical bars 8-auto sum 9- relative 10-??



#### Use the Vocabulary

Directions: Match each vocabulary	term i	n the	left	column	with	the	correct
definition in the right column							

- 1-e 2-d 3-j 4-a 5-h 6-g 7b 8-l 9-f 10-c

- preformatted version of a certain type of document
- b. list of ready-to-use drawing tools
- allows you to change the order of slides by dragging them to different locations
- d. single page in a presentation
- creates and displays visual information
- f. miniature versions of each slide image
- g. area in a presentation that holds data
- can automatically show a presentation in the correct order
- i. images that show movement
- j. a series of dialog boxes that provides a step-by-step guide

#### Check Your Comprehension

**Directions:** Complete each sentence with information from the chapter.

1.	Graphics designed usir	ıg
		usually are
	accompanied by text.	8
2.	Using	view
	lets you make universa es to every slide, notes handout pages.	
3.	The	view
	provides information the presenter can see during tion.	
4.	An on-screen method of a presentation's slides i	
5.	Animation can be adde PowerPoint presentation	
	1 <del>911 - 11111999 - 100000 - 55 - 5</del>	

6.	Bulleted lists, flowcharts, and grids can be included in a slide's
7.	You can create a multimedia presentation with
8.	In a presentation, only the most should be
	included on slides, not everything you plan to say.
9.	A(n) presentation combines text and graphics with sound and animation.
10.	To prevent a presentation from becoming too distracting, do not use more than two on a single
	slide

1-presentation software
2- master 3- note page
4- slide show view 5insert tab 6- place
holder 7- power point
8- important
information 9- multi
media 10- fonts



#### Use the Vocabulary

**Directions:** Match each vocabulary term in the left column with the correct definition in the right column.

\_\_\_\_\_\_1. visual aid
\_\_\_\_\_\_2. digital projector
\_\_\_\_\_\_3. master slide
\_\_\_\_\_\_4. viewable area
\_\_\_\_\_\_5. transition effect
\_\_\_\_\_\_6. self-running pres

7-d 8-f

- 6. self-running presentation7. rehearsed presentation8. on-screen presentation
- 1- e 2-a 3-b 4-h 5-c 6-g

- a. device used to display an image directly from a computer through a lens and onto a screen
- b. changing the format of this slide changes all slides of this type
- automatically switches from one slide to the next
- d. uses a counter to help determine how long a slide should stay on the screen
- graphic that is used to assist in communicating a topic
- a display of slides on a monitor or screen
- g. technique for switching from one slide to another during a presentation
- portion of a screen on which an image can be seen

#### Check Your Comprehension

Directions: Determine the correct choice for each of the following.

- 1. What is the overall purpose of presentation software?
  - a. show images to large audiences
  - b. provide visual aids for speeches
  - **c.** provide a way of creating art
  - d. replace human presenters
- Which color combination is best for printed handouts?
  - a. white background with black letters
  - b. black background with green letters
  - dark blue background with red letters
  - pale yellow background with white letters
- 3. Which slide usually restates the presentation's main points?
  - a. title slide
  - b. master slide
  - c. review slide
  - d. blank

- 4. Which slide layout is best for adding a two-column bulleted list?
  - a. Title and Content
  - b. Blank
  - c. Two Content
  - Picture with Caption
- 5. What kind of presentations are timed in a specific sequence?
  - a. self-running
  - b. rehearsed
  - c. transition effect
  - d. slide sorter
- 6. Which presentation delivery method is useful for long-distance education?
  - a. on-screen delivery with a speaker
  - b. Internet broadcast
  - interactive presentation at a booth
  - d. printed handouts

1- b 2-a 3-a 4-c 5-a 6-a

#### Chapter 23

#### Use the Vocabulary

<b>Directions:</b>	Match each	vocabulary :	term in the	left column	with the	correct
definition in	the right coll	umn.				

\_\_\_\_\_\_1. telecommunications
\_\_\_\_\_\_2. analog
\_\_\_\_\_\_3. digital
\_\_\_\_\_\_4. fiber-optic cable
\_\_\_\_\_\_5. microwave
\_\_\_\_\_\_6. modulation
\_\_\_\_\_\_7. demodulation
\_\_\_\_\_\_8. bits per second

9. bandwidth10. broadband

1- g 2-d 3-b 4-f 5-e 6-c 7-j 8-i 9-a 10-h

- the measure of how much data can be sent through a network connection
- system using computer code to carry different kinds of data
- c. changing digital signals to analog
- d. system using electrical signals that match the human voice and other sounds
- high-frequency radio waves that carry data
- strand of fiberglass that transmits data by pulses of light
- g. using a telephone network to send information
- h. high-speed digital connection of at least 1.5 Mbps
- measurement of the speed at which data can be sent in one second
- j. changing analog signals to digital

One issue DSL users face is that

#### Check Your Comprehension

**1.** The \_\_\_\_\_ consists of

Directions: Complete each sentence with information from the chapter.

	d long-distance lines	it is to send				
	and voice commu-	informatio	n than to receive it.			
nications.			ine sending a document			
	. The part of your telephone number identifies the		ata into a(n)			
			signal			
area of the count	ry you live in.	and change	es it into a(n)			
3. In the long-distan	nce telephone	<del>(1)</del>	signal.			
- ( - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	system,largely		offers a way for			
	isted pair copper	people acro	oss the globe to call each the Internet free of charge.			
4. Radio and infrare	ed signals make	<ol><li>DSL stands</li></ol>	for			
possible.	communication	10. The deman will continu	d forue to grow.			
5. Within a neighboronnect to a com-	rhood, telephones mon network called	1- ?? 2- area c	code 3-?? 4- wireless			

1- ?? 2- area code 3-?? 4- wireless 5local loop 6-?? 7- digital—analog 8-VIOP 9-d digital subscriber 10bandwidth

#### Chapter 24

co tho	locabul.	OF BUILD
SE LIE	<b>Vocabul</b>	

Directions: Match each vocabulary	term in	the left	column	with	the	correct
definition in the right column.						

1.	cellular phone
2.	cell
3.	cell site
4.	leased line
5.	personal digital assistan
6.	cable modem
7.	download
8.	

1-d 2-c 3-e 4-a 5b 6-h 7-g 8-f

- permanent connection for longdistance cell phone calls
- b. handheld computer
- geographic area to which radio signals are sent
- phone that uses radio waves to communicate
- e. base station for handling cell calls
- to send a file from your computer to another computer
- g. to receive a file from another computer
- device that enables a computer to access the Internet through a cable television connection

#### Check Your Comprehension

Directions: Complete each sentence with information from the chapter.

1. A cell phone is a type of	<ol><li>A wireless network, which may be called, is a short</li></ol>
2. Cell phones use to communicate.	range network with high-bandwidth for data transfer.
3. A problem with early cell phones was a lack of for	<b>8.</b> DBS service relies on for its transmission signals.
making calls.	9. All cable modems allow download-
4. The central base station manages activities in assigned	ing of data, but not all offer the abil- ity to information
<b>5.</b> As a caller moves from one point to another, a new	through the cable television connection.
relays the signal from MTSO to	10 allow comput-
MTSO.	ers to communicate with each other
<ol><li>Linking computers and telephones to work together is called</li></ol>	without being physically connected.

1- radio 2- radio waves 3- radio frequency 4-?? 5-?? 6- CTI 7- Wi Fi 8-?? 9- uploading 10- wireless network

#### Chapter 25

#### Use the Vocabulary

**Directions:** Match each vocabulary term in the left column with the correct definition in the right column.

- 1. network
  2. workstation
  3. protocol
  4. local area network
  5. collaborative software
  6. peer-to-peer network
  7. file server
  8. backbone
  9. point of presence
  10. virtual private network
  - 1-f 2-b 3-d 4-i 5-g 6-a 7-j 8-h 9-c 10-e

- network in which all computers are equal
- b. computer connected to a network
- c. local connection to a WAN
- d. standard format and rules
- e. set up on a public network
- two or more computers linked together
- g. program that lets people work together closely
- h. high-speed line that carries network traffic
- i. network set up in a limited area
- the central computer in one kind of network

1- b

2-d

3-a

4-d

5-c

6-d

#### Check Your Comprehension

Directions: Determine the correct choice for each of the following.

- 1. Which of the following is NOT an example of a physical medium used to connect a network?
  - a. telephone wires
  - b. electric cords
  - c. fiber-optic cables
  - d. radio signals
- 2. If a company buys one large computer instead of many workstations, which of the following will it supply for its employees to work on?
  - a. a file server
  - b. nodes
  - **c.** a point of presence
  - **d.** terminals
- 3. Which of the following is another name for collaborative software?
  - a. groupware
  - b. network operating system
  - c. local area network
  - d. backbone

- 4. Which of the following do users of a client/server network have to provide?
  - a. a client
  - **b.** a file
  - a protocol
  - **d.** an access control
- 5. Which of the following is used to control a WAN?
  - a. NIC
  - b. VPN
  - c. NOS
  - d. POP
- 6. Which of the following is used to provide a local connection to a WAN?
  - a. NIC
  - b. VPN
  - c. NOS
  - d. POP

#### Chapter 26

#### Use the Vocabulary

**Directions:** Match each vocabulary term in the left column with the correct definition in the right column.

1.	network architecture
2.	topology
3.	contention
4.	bus topology
5.	hub
6.	token
7.	star topology
8.	firewall
9.	cloud computing

1-a 2-d 3-e 4-h 5-i 6-g 7-b 8-c 9-f

- a. science of designing a network
- b. network designed around a hub
- software that prevents outsiders from accessing an intranet
- d. layout of a network
- two messages trying to travel at once on a network
- use of a remote network for data storage
- g. unit of data that prevents collisions in ring topology
- h. network connected to one line
- a connection point for all the computers, printers, and other equipment on the network

#### Check Your Comprehension

Directions: Determine the correct choice for each of the following.

<ol> <li>All networks follow rules developed by the</li> </ol>	<b>4.</b> Ethernet deals with contention by
<ul><li>a. ISO</li><li>b. POP</li><li>c. EDI</li><li>d. LAN</li></ul>	<ul> <li>a. storing messages in the session layer</li> <li>b. assigning messages to a POP</li> <li>c. dumping messages that collide</li> </ul>
<ul> <li>The OSI model defines how data travels through</li> <li>a. a collision</li> <li>b. backbones</li> <li>c. seven layers</li> </ul>	<ul> <li>d. delaying messages that collide</li> <li>5. Groupware makes all of the following possible EXCEPT</li> <li></li></ul>
d. groupware 3. Early LANs were designed with	<ul><li>b. e-mail</li><li>c. electronic bulletin boards</li><li>d. protocol stacks</li></ul>
<ul> <li>a. bus topology</li> <li>b. ring topology</li> <li>c. star topology</li> <li>d. star bus topology</li> </ul>	<ul><li>6. A topology is used in the Internet structure, and it is the most expensive.</li><li>a. tree</li><li>b. star bus</li></ul>

d. ring

#### Chapter 27

#### Use the Vocabulary

Directions: Match each vocabulary term	in the left column with the correct
definition in the right column.	

1.	Internet
2.	Internet client
3.	Internet service provider
4.	-
5.	search engine
6.	•
	hyperlink
	uniform resource locator
9.	download

#### 1-f 2-c 3-g 4-d 5-b 6-i 7-a 8-e 9-h

- a. highlighted text or graphic in a Web site that directs browser to another URL
- software that finds and lists information that matches criteria
- computer that requests services from a server
- d. identification while on the Internet
- e. address of documents on the Web
- vast network of connected computers
- a company that provides access to the Internet
- to transfer a file from a server to a client
- Internet service that provides a guide to Internet content

Directions: Complete each sentence with information from the chapter.

	called a(n)	·	
2.	The three main part		
	areand protocols.	, servers,	
3.	The two main group inventing the Internmilitary and	et are the U.S.	
4.	A(n)	is the	
	least expensive way Internet.	to access the	
5.	(1 <u>57</u>	are business-	
	es that provide special software to		
	guide users through and activities.	Internet content	

1. A network that covers a large area is

6.	A(n)	enables
	someone to search for a with a keyword.	a Web site
7.	In a(n)	
	document, certain work serve as hyperlinks.	ds or pictures
8.	File	is a way
	of reducing file size.	
9.	A(n)	is used
	to view Web pages.	
10.	You can send a(n)	
		to someone
	by attaching it to an e-mail message.	

1-WAN 2-internet client 3- university researches 4- dial.up 5- online service 6- hyperlink 7hypertext 8- compression 9- web browser 10message

#### Chapter 28

	ns: Match each vocabulary to in the right column.	erm in the left column with the correct
2. 3. 4. 5. 6. 7. 8. 9. 10.	domain name IP address social networking WHOIS database Usenet wiki Domain Name System channel platform Internet 2 (I2) 2- i 3-f 4-a 5-g 6-j 8-d 9-h 10-c	<ul> <li>a. domain name lookup</li> <li>b. a special server that matches a domain name to the correct IP address</li> <li>c. project that tests new network technologies</li> <li>d. an individual IRC chat group</li> <li>e. identifies one or more IP addresses and is used to locate information on the Internet</li> <li>f. virtual communities that offer real-time chatting options</li> <li>g. hosts thousands of newsgroups</li> <li>h. a kind of computer that uses a certain type of processor and operating system</li> <li>i. a four-part number separated by periods used to identify a computer connected to the Internet</li> <li>j. a webpage where anyone can write or edit content</li> </ul>
ections: (	Complete each sentence with	information from the chapter.
	r Web page request goes SP's POP, it goes to a(n)	6. The of the network to which your computer connects assigns your IP address.
	or hardware is said to have platform capabil-	7. In the Domain Name System, each name has to be
	it can run the same way on none platform.	8. You can search the database for the owner and servers
identifies registered	which type of organization the domain name.	of a particular domain.  9. By using people can effectively create their own
	is a service	personal chat channels.
	ion that maintains a central of domain names in the ates.	<ol> <li>In the future, the Internet will need to increase bandwidth and create more</li> </ol>
12 T 20 L 2 L	u use your computer to o the Internet, the computer	1- regional backbone 2-c ross 3-top le

InterNIC 5-client 6-?? 7- unique 8-WHOIS 9-

hierarchies 10- internet address IP

is called a(n) \_\_\_\_\_.

#### Chapter 29

#### Use the Vocabulary

**Directions:** Match each vocabulary term in the left column with the correct definition in the right column.

1. graphical browser2. HTML3. Web server4. Web page	<ul><li>a. tool that lets users perform routine operations with a browser</li><li>b. a small file that stores identification information</li></ul>
5. Web site6. navigation button7. cookie 8. e-commerce	<ul> <li>c. computer that houses Web sites and sends documents to users</li> <li>d. a collection of related documents on the Web</li> </ul>
9. tracking10. style sheet	e. document that describes rules used to define how the elements of the pages in a web site will look
1-g 2-j 3-c 4-i 5-d 6-a 8-f 9-h 10-e	<ul> <li>7-b</li> <li>f. conducting business through a network on the Internet</li> <li>g. Web navigation program that shows pictures and text</li> <li>h. when a Web site gathers information</li> </ul>

- Which was the first browser that could display graphics as well as
  - a. Explorer
  - b. Mosaic

text?

- c. Firefox
- d. Chrome
- Which of the following is NOT part of a complete URL address?
  - a. protocol
  - b. server
  - c. path
  - d. author
- 3. Which of the following browser tools will most easily help you revisit a Web site you enjoyed?
  - a. Favorites or Bookmarks
  - b. Forward
  - c. Refresh or Reload
  - d. Address box

4.	By which of the following does a
	search engine search?

single document on the Web markup language used to format

about your Web browsing activity

- a. URL addresses
- b. Favorites
- c. Bookmarks

Web documents

keywords

### 5. Which of the following has contributed the most to the growth of e-commerce?

- a. traditional stores
- **b.** advanced Web browsers
- c. affordable computers
- d. personal finance programs
- 6. Which of the following is the language used to create Web pages?
  - a. FTP
  - b. HTTP
  - c. HTML
  - d. LINUX

1-b 2-d 3-a 4-d 5-a

6-c

#### Chapter 30

**Directions:** Match each vocabulary term in the left column with the correct definition in the right column.

- \_\_\_\_\_\_1. hypermedia system
  \_\_\_\_\_\_2. dead link
  \_\_\_\_\_\_3. WYSIWYG
  \_\_\_\_\_\_4. e-tailer
  \_\_\_\_\_\_5. encryption
  \_\_\_\_\_\_6. cookie
  \_\_\_\_\_\_7. exclusion operator
  \_\_\_\_\_\_8. wildcard
  \_\_\_\_\_\_9. web cache
  \_\_\_\_\_\_10. Web host
  - 1-a 2-g 3-c 4-e 5-i 6-f 7-h 8-b 9-d 10-j

- lets users retrieve audio and video online
- symbol that stands for another character
- sophisticated Web-page editing programs
- d. temporarily stored Web pages on a personal computer
- someone who primarily uses the Web to sell goods or services
- data a Web site stores on a personal computer hard drive
- g. connection to a document that no longer exists or has been moved
- h. minus sign or the word NOT
- coding used to protect data
- j. a company that provides space on a Web server for Web sites

#### Directions: Determine the correct choice for each of the following.

- 1. Which of the following indicates that a particular graphic on a Web page is actually a link?
  - The mouse pointer turns into a hand.
  - b. The mouse pointer changes color.
  - The graphic moves across the screen.
  - d. The graphic is underlined.
- Which of the following can you use to upgrade a browser to add new features to an application?
  - a. plug-in program
  - b. cookie
  - c. DHTML program
  - d. WYSIWYG program
- 3. Which of the following is NOT an indicator that a Web site is an accurate source?
  - a. author is identified on the site
  - information is balanced and factual
  - c. the link displays at the top of a list of search results

- 4. Which of the following might yield a list of pages with travel, travels, traveled, and traveling?
  - a. wildcard
  - b. database
  - c. inclusion operator
  - exclusion operator
- 5. What term is used to describe a traditional retail outlet that does not sell products online?
  - a. online stores
  - b. test stores
  - c. bricks-and-mortar stores
  - d. click-and-mortar stores
- 6. Which of the following is a secure payment service that consumers can use to complete online transactions?
  - a. eBay
  - b. Secure Payment Service
  - c. PayPal
  - d. ASCII

#### Chapter 31

**Directions:** Match each vocabulary term in the left column with the correct definition in the right column.

- 1. attachment
  2. mailbox name
  3. e-mail client
  4. alias
  5. e-mail server
  6. bounce message
  7. spam
  8. digital signature
  9. teleconference
  10. videoconference
- 1-a 2-g 3-c 4-e 5-i 6-f 7-h 8-b 9-d 10-j

- a. part of an e-mail address
- a meeting that provides audio and visual contact for people in different locations
- a notice that e-mail could not be delivered
- d. junk e-mail
- e. anything sent with an e-mail
- f. a meeting via computers and a network or the Internet, which lets participants talk or exchange text messages
- g. an electronic identifier used to verify the identity of an e-mail sender
- an ISP computer that accepts, sends, and delivers e-mail messages
- software that lets you create, send, receive, and manage e-mail messages
- j. nickname by which an e-mail user is known

#### Check Your Comprehension

Directions: Complete each sentence with information from the chapter.

- In an e-mail address, the symbol @ represents the word \_ is an Internet service provider's computer that routes e-mail. **3.** In an e-mail message form, the field identifies people other than the main recipient who should receive the message when it is sent. 4. When you \_ e-mail message you have received, you send it to another person. You will not get a bounce message if you enter an incorrect but address.
- 6. Some e-mail clients have \_\_\_\_\_\_ that you can configure to delete unwanted e-mail.
  7. Sometimes, \_\_\_\_\_ can clog e-mail servers, slowing Internet traffic.
  8. Teleconferences and videoconferences save money because people don't have to \_\_\_\_\_ to attend a meeting.
  9. One-to-one \_\_\_\_ allow two people to see and talk to each other on their computers.
  10. Many schools now offer classes

through the Internet, a practice

1-at 2- email server 3-header 4-forward 6- special spam filters 7-?? 8-?? 9-videoconference 10- web based training

known as \_

#### Chapter 33

#### Use the Vocabulary

**Directions:** Match each vocabulary term in the left column with the correct definition in the right column.

- 1. identity theft
   2. phishing
   3. global unique identifier
   4. computer crime
   5. cybercrime
   6. downtime
   7. software piracy
   8. packet sniffer
   9. scanning
   10. spoof
- 1- h 2- i 3-f 4- b 5-c 6-d 7-e 8-j 9-a 10-g

- using a program to try different passwords until one works
- b. using a computer to break the law
- c. using the Internet to break the law
- d. when workers cannot work because a network is temporarily not available
- e. illegal copying of software programs
- f. identification number generated by a piece of hardware or by a program
- g. use a false IP or e-mail address to gain access to a network
- impersonating someone in order to commit fraud
- using an official-looking e-mail to lure victims into providing personal data
- j. method of finding another's password

#### Check Your Comprehension

Directions: Determine the correct choice for each of the following.

- 1. Which of the following should you do cautiously because it could result in sharing personal information without your approval?
  - a. buying software
  - b. copying software
  - c. registering at a Web site
  - d. getting warranty protection
- Which of the following malicious programs is activated by an event or set of circumstances?
  - a. worm
  - **b.** e-mail virus
  - c. time bomb
  - Trojan horse
- 3. Which of the following might cause a business to lose money as a result of computer crime?
  - faulty product design
  - b. downtime
  - c. economic recession
  - d. fire

- 4. Which kind of destructive computer program can move from one operating system to another?
  - a. macro virus
  - **b.** Trojan horse
  - c. virus
  - d. worm
- 5. What is an example of a password that is easy to guess?
  - **a.** a combination of numbers and letters that makes no sense
  - a four-letter nickname
  - ten letters that do not spell a word
  - d. eight randomly chosen numbers
- 6. Which of the following is NOT a law enforcement group for fighting cybercrime?
  - a. CCIPS
  - b. FDA
  - c. CHIP
  - d. NIPC
- 1-c 2-c 3-b
- 4-d 5-b 6-b

#### Chapter 34

**Directions:** Match each vocabulary term in the left column with the correct definition in the right column.

1.	copyright
2.	power surge
3.	fair use
4.	plagiarism
5.	uninterruptible power supply
6.	ethics
7.	reboot
8.	Safe Mode
9.	full back-up
10.	troubleshoot

- a. behaving morally
- unauthorized use of another person's ideas or work without credit
- a systematic attempt to analyze and diagnose computer or software problems
- d. duplicate all files on a hard drive
- laws that protect creative, literary, or artistic work
- f. a sharp increase in the power coming into the system
- g. turning a computer system off and then on again
- device that protects a computer from power problems
- starting the system with a limited set of files and drivers
- j. allowed use of a limited amount of creative work without permission
- 1. What is stolen in copyright infringement?
  - a. back-up files
  - b. GUIDs
  - c. someone's work
  - d. someone's identity
- What should you use to give credit to a source?
  - a. citation
  - b. plagarism
  - **c.** infringement
  - d. netiquette
- 3. Which of the following is used to identify the responsibilities of a user on an organization's computer system?
  - a. copyright laws
  - b. Fair Use Doctrine
  - c. acceptable use policy
  - d. antivirus program

- 4. Why is copyright infringement a crime?
  - It is illegal to make back-up copies of your work.
  - b. It violates the rights of a software publisher to its work.
  - c. It results in identity theft.
  - It is theft of another's work.
- 5. Which of the following can help protect your computer system from a power surge?
  - a. copyright laws
  - b. acceptable use policy
  - device driver
  - **d.** uninterruptible power supply
- 6. Which of the following lets you revert your system configuration to a previous date and time?
  - a. system restore
  - **b.** system recovery
  - c. safe mode
  - d. command prompt