### **Practical Computer Literacy 3rd Edition Parsons Test Bank**

Full Download: http://alibabadownload.com/product/practical-computer-literacy-3rd-edition-parsons-test-bank/

# **Chapter 1: Computer Hardware**

### **TRUE/FALSE**

1. Input can be supplied by a person, by the environment, or by another computer.

ANS: T PTS: 1 REF: 3

2. In the context of computing, software refers to symbols that represent facts, objects, and ideas.

ANS: F PTS: 1 REF: 3

3. In a computer, most processing takes place in a component called the central processing unit (CPU), which is sometimes described as the computer's "brain."

ANS: T PTS: 1 REF: 3

4. Most computers have only one location for storing data.

ANS: F PTS: 1 REF: 3

5. The terms "computer chip," "microchip," and "chip" originated as technical jargon for "integrated circuit."

ANS: T PTS: 1 REF: 8

6. A digital device works with continuous data.

ANS: F PTS: 1 REF: 9

7. The arithmetic logic unit uses registers to hold data that is being processed.

ANS: T PTS: 1 REF: 12

8. ROM circuitry holds hardwired instructions that are a permanent part of the circuitry and remain in place even when the computer power is turned off.

ANS: T PTS: 1 REF: 13

9. Most computers include a CD drive or DVD drive that uses a magnet to read data stored on plastic-coated CDs and DVDs.

ANS: F PTS: 1 REF: 14

10. A CD (compact disc) provides 1650–1700 MB of storage space for computer data.

ANS: F PTS: 1 REF: 15

### COMPLETION

1. A(n) \_\_\_\_\_\_ is a multipurpose device that accepts input, processes data, stores data, and produces output, all according to a series of stored instructions.

ANS: computer

PTS: 1 REF: 3

2. \_\_\_\_\_\_ is an area of a computer that temporarily holds data waiting to be processed, stored, or output.

ANS: Memory

PTS: 1 REF: 3

3. \_\_\_\_\_\_ is the area where data can be left on a permanent basis when it is not immediately needed for processing.

ANS: Storage

PTS: 1 REF: 3

4. The \_\_\_\_\_\_ is the component that holds the computer's circuit boards, CPU, power supply, memory, and storage devices.

ANS: system unit

PTS: 1 REF: 7

5. A(n) \_\_\_\_\_\_ is a super-thin slice of semiconducting material packed with microscopic circuit elements, such as wires, transistors, capacitors, logic gates, and resistors.

ANS: integrated circuit

PTS: 1 REF: 8

- 6. The term \_\_\_\_\_\_ system usually refers to a desktop or notebook computer and all the input, output, and storage devices connected to it.
  - ANS: personal computer
  - PTS: 1 REF: 7
- 7. A(n) \_\_\_\_\_\_ is composed of eight bits and it is abbreviated as an uppercase "B."

ANS: byte

PTS: 1 REF: 11

8. Unlike disk storage, most \_\_\_\_\_\_\_ is volatile, which means it requires electrical power to hold data.

ANS: RAM

PTS: 1 REF: 13

9. A(n) \_\_\_\_\_\_ drive is the main storage device in most computer systems.

ANS: hard disk

PTS: 1 REF: 14

10. The \_\_\_\_\_\_ process consolidates all parts of a file into nearby areas of the disk, so that the disk drive can easily access them.

ANS: defragmentation

PTS: 1 REF: 18

# MULTIPLE CHOICE

1.	Computer is wh	natever	is typed, submi	itted, or	transmitted to a computer system.
	a. input			с.	
	b. output			d.	circuitry
	ANS: A	PTS:	1	REF:	3
2.	Examples of input the	at a con	nputer can acce	ept inclu	de
	a. audio signals from	m a mic	crophone	c.	instructions from a computer program
	b. temperatures from	n a the	rmostat	d.	all of the above
	ANS: D	PTS:	1	REF:	3
3.	Computers manipular	te data :	in many ways,	and this	manipulation is called
	a. upgrading			с.	batching
	b. processing			d.	utilizing
	ANS: B	PTS:	1	REF:	3
4.			elps a compute		l itself to operate efficiently and keep track of data.
	a. application system	m			hardware system
	b. software system			d.	operating system
	ANS: D	PTS:	1	REF:	3
5.		users "a	pply" the com	puter to	specific tasks, such as writing documents and
	editing photos a. Hardware			0	Operational
	b. Application				Storage
	o. Application			u.	Storage
	ANS: B	PTS:	1	REF:	3
6.	Computer is the	e result	produced by a	compute	er.
	a. data			с.	output
	b. memory			d.	input
	ANS: C	PTS:	1	REF:	3
7.	Small notebook com	outers a	re sometimes c	alled	
	a. Netbooks			с.	<b>11</b>
	b. microlaptops				tinylaptops
	1 1				· . 1

ANS: A PTS: 1 REF: 4 8. A computer (also referred to as a laptop), is a small, lightweight personal computer that incorporates the screen, the keyboard, storage, and processing components into a single portable unit. a. notebook c. diary b. journal d. briefcase ANS: A PTS: 1 **REF**: 4 9. A \_\_\_\_\_ computer fits on a desk and runs on power from an electrical wall outlet. a. mainframe c. PDA-style d. desktop b. tabletop ANS: D PTS: 1 **REF**: 4 10. A personal computer is designed to meet the computing needs of a(n) \_\_\_\_\_. a. individual c. company b. department d. city ANS: A PTS: 1 REF: 4 11. A handheld \_\_\_\_\_ is typically used as an electronic appointment book, address book, calculator, and notepad. a. PDA desktop computer c. b. laptop d. mainframe ANS: A PTS: 1 **REF**: 4 12. A handheld computer features a small keyboard or touch-sensitive screen and is designed to fit into a pocket, run on , and be used while you are holding it. a. batteries c. electricity magnetic charges b. solar power d. ANS: A PTS: 1 **REF**: 4 13. The purpose of a is to serve data to computers connected to a network. a. personal computer c. both a. and b. b. server d. neither a. nor b. ANS: B PTS: 1 REF: 5 14. A <u>computer is a portable computing device featuring a touch-sensitive screen that can be used as</u> a writing or drawing pad. a. tablet laptop с. b. notebook d. PC ANS: A PTS: 1 REF: 5 15. Originally designed to accept input from devices called \_\_\_\_\_, mainframes today are typically accessed by desktop computers. a. LCDs ports c. d. terminals b. pods ANS: D PTS: 1 5 **REF**:

16.	A computer is a hundreds or thousand			compute	er capable of	f simultaneously processing data for
	<ul><li>a. server</li><li>b. mainframe</li></ul>			с. d.	desktop tablet	
	ANS: B	PTS:	1	REF:	5	
17.	A computer falls into computers in the wor		percomputer c	ategory i	f it is, at the	e time of construction, one of the
	<ul><li>a. biggest</li><li>b. fastest</li></ul>			c. d.	both a. and neither a.	
	ANS: B	PTS:	1	REF:	5	
18.	A computer net a. centralized b. coded	work sp	preads the proo	cessing a c. d.	distributed	tasks among many computers. 1
	ANS: C	PTS:	1	REF:	6	
19.	<ul><li>A computer net</li><li>a. centralized</li><li>b. coded</li></ul>	work de	epends on a ce	entrally-l c. d.	distributed	puter for processing and storage.
	ANS: A	PTS:	1	REF:	6	
20.	Networks are monito passwords for author a. IT managers	-			-	by who set(s) up accounts and dministrators
	b. the government					administrators
	ANS: C	PTS:	1	REF:	6	
21.	is the world's la mainframes, and sup	-		ecting mi	llions of per	rsonal computers, servers,
	<ul><li>a. E-bay</li><li>b. Amazon</li></ul>			c. d.	The U.S. ( The Intern	Government let
	ANS: D	PTS:	1	REF:	6	
				P	ORTABL	E POWER
		<ul> <li>Intel Core 2 Duo processor</li> <li>2.53 GHz</li> <li>4 GB 533 MHz (max. 8 GB)</li> <li>500 GB HD (7200 rpm)</li> <li>16X CD/DVD double-layer burner</li> <li>8-in-1 card reader</li> <li>15.6" HD (1366 x 768) LCD display</li> <li>512 MB NVIDIA graphics card</li> <li>Integrated speakers</li> </ul>		GB) yer burner _CD display	<ul> <li>2.0 MP Webcam</li> <li>4 USB ports</li> <li>VGA and HDMI display ports</li> <li>10/100/1000 wired network</li> <li>Wireless-N network card</li> <li>Microsoft Windows 7 Home Premium 64-bit</li> </ul>	

22. In the figure above, what does the 512 MB refer to in regards to the graphics card?
a. Graphics card speed
b. Graphics card video memory
c. Graphics card resolution output
d. Graphics card pixel concentration

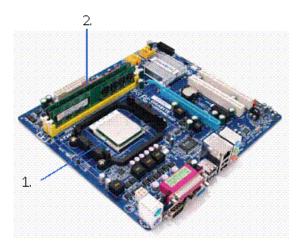
ANS: B PTS: 1 REF: 10

- 23. In the figure above, the computer specifications lists four USB ports. What can they be used for?
  - a. Attaching peripherals such as a keyboard
  - b. Connecting a flash drive
  - c. both a. and b.
  - d. neither a. nor b.

ANS: C PTS: 1 **REF: 10** 

- 24. In the figure above, what does the 2.53 GHz, found in the first bullet point, refer to?
  - a. Microprocessor speed c. Network processor speed b. Hard disk processor speed
    - d. Modem connection speed

ANS: A PTS: 1 REF: 10



25.	In the figure above, #	#1 is poi	nting to the	·	
	a. ROM chip			с.	Microprocessor
	b. Battery			d.	Memory Chip
	ANS: C	PTS:	1	REF:	8

26.	In the figure above, #	#2 is poir	nting to the	·	
	a. ROM chips	_	-	c.	Microprocessor
	b. Battery			d.	Memory modules
	ANS: D	PTS:	1	REF:	8

- 27. The system unit contains storage devices, a power supply, and the computer's main circuit board, called a \_\_\_\_\_. a. motherboard c. mainboard b. system board d. any of the above ANS: D PTS: 1 **REF**: 8
- 28. Unicode uses \_\_\_\_\_ bits and provides codes for 65,000 characters—a real bonus for representing the alphabets of multiple languages.

a.	8			с.	16
b.	12			d.	18
AN	IS: C	PTS:	1	REF:	9

29.	A superset of ASCII a. Enhanced b. Extended	, called	ASCII, u	ises eigh c. d.	t bits to represent each character. Super Complex
	ANS: B	PTS:	1	REF:	9
30.	ASCII requires only a. 5 b. 6	bi	ts for each cha	uracter c. d.	7 8
	ANS: C	PTS:	1	REF:	9
31.	A(n) device we a. digital b. analog	orks wit	h discrete—dis	c.	d separate—data, such as the digits 1 and 0. either a. or b. neither a. nor b
	ANS: A	PTS:	1	REF:	9
32.	The following is NO a. PC b. Mac	T one o	f today's perso	c.	nputer platforms: Firefox Linux
	ANS: C	PTS:	1	REF:	11
33.	The ALU performs _ a. arithmetic b. ASCII	op	erations.	с. d.	algorithm-based logarithm-based
	ANS: A	PTS:	1	REF:	12
34.				nachine s c.	tasks, such as monitoring the performance of spin cycles, or running assembly-line robots. both a. and b. neither a. nor b.
	ANS: B	PTS:	1	REF:	12
35.	If a read-write head a crash, which da a. tail b. head				
	ANS: B	PTS:	1	REF:	14
36.	data onto the disc su		storage media	because c.	their storage technology essentially etches discrete
	a. optical b. magnetic			d.	static
	ANS: A	PTS:	1	REF:	15
37.	GB.	o disc o	r digital versat		is a variation of CD technology with a capacity of
	a. 2.7			c.	4.7

b. 3.7 d. 5.7

ANS:	С	PTS:	1	REF:	15

38.	a. VGA b. USB	a popu PTS:			e storage device featuring a built-in connector. DVI floppy 16
39.	ROM contains a smal disk, find the operatin a. BIOS b. Processor			into RA c.	e that tell the computer how to access the hard M. Manager Data Store
	ANS: A	PTS:	1	REF:	13
40.	For protection against offers battery backup a. uninterruptible b. interruptible	-	•••	tection.	nect your computer to a(n) power supply that corrupt-proof metered
	ANS: A	PTS:	1	REF:	17

### **Case-Based Critical Thinking Questions**

Case 1-1

Christina is putting together a presentation for the Marketing Department personnel explaining data storage options. Please answer the three questions below.

41. A Marketing Manager asks Christina what could have caused the recent head crash on his hard drive. Christina explains that this happens when the \_\_\_\_\_ head runs into a dust particle or some other contaminant.

a. write	с.	read-write
b. read	d.	optical
ANS: C	PTS: 1 REF:	14 TOP: Critical Thinking

42. A Marketing Assistant asked if putting a magnet near several CDs would affect the performance of the CDs. Christina explained that it would not have an affect as CDs are read using \_\_\_\_\_.

a. small magnet	5	c. a series of small magnets	
b. a small laser l	ight	d. a large laser beam	
ANS: B	PTS: 1	REF: 14 TOP: Critical Thinki	ng

b. 24		d. 36	
ANS: D	PTS: 1	REF: 15	TOP: Critical Thinking

### **MODIFIED TRUE/FALSE**

1. A(n) <u>output</u> device, such as a keyboard or mouse, gathers data and transforms it into a series of electronic signals for the computer to store and manipulate.

ANS: F, input

PTS: 1 REF: 3

- 2. The series of instructions that tell a computer how to carry out a processing task is referred to as a(n) <u>computer program</u>.
  - ANS: T PTS: 1 REF: 3
- 3. A(n) <u>computer program</u> forms the software that sets up a computer to do a specific task.
  - ANS: T PTS: 1 REF: 3
- 4. A computer network can encompass as few as <u>one</u> or as many as thousands of computers.

ANS: F, two

PTS: 1 REF: 6

5. A microprocessor is a(n) integrated circuit designed to process instructions.

ANS. 1 F15. 1 KEF. 0	ANS: T	PTS: 1	REF:	8
----------------------	--------	--------	------	---

6. A traditional light switch has two discrete states—on and off—so it is a(n) analog device.

ANS: F, digital

PTS: 1 REF: 9

The <u>control unit</u> directs microprocessor tasks. \_\_\_\_\_\_
 ANS: T PTS: 1 REF: 12

- 8. <u>RAM</u> is a temporary holding area for data, application program instructions, and the operating system.
  - ANS: T PTS: 1 REF: 13

9. Hard disks use optical storage technology.

ANS: F, magnetic

PTS: 1 REF: 14

10. USB flash drives use <u>volatile</u> storage technology, which provides fast access to data, and uses very little power. \_\_\_\_\_

ANS: F, solid state

PTS: 1 REF: 16

## **Practical Computer Literacy 3rd Edition Parsons Test Bank**

Full Download: http://alibabadownload.com/product/practical-computer-literacy-3rd-edition-parsons-test-bank/

## ESSAY

1. CDs, BDs, and DVDs come in several varieties. Please describe "ROM," "R," and "RW" versions of these types of media.

ANS:

• <u>Read-only (ROM)</u> versions of CDs, DVDs, and BDs contain permanent data stored on the disc during the manufacturing process. Data on CD-ROMs, for example, cannot be changed or deleted. These discs are typically used to distribute software and movies.

• <u>Recordable (R)</u> discs contain a layer of color dye sandwiched beneath the clear plastic disc surfaces. A writable drive can store data on CD-R, DVD-R, and BD-R discs by changing the dye color. The change in the dye is permanent, so data cannot be changed after it has been recorded.

• <u>Rewritable (RW or RE)</u> discs contain a crystal structure on the disc surface. The crystal structure of CD-RW, DVD-RW, CD+RW, DVD+RW, and BD-RE discs can be changed many times, making it possible to record and modify data much like on a hard disk.

PTS: 1 REF: 15 TOP: Critical Thinking

2. Computers can be connected using a centralized or distributed model. Please describe each of these two models.

ANS:

A <u>centralized computing system</u> depends on a centrally-located computer for processing and storage. A mainframe that services desktop computers is an example of this model. Centralized systems are relatively easy to control, manage, and secure because the main computing hardware is in one place.
A <u>distributed computer network</u> spreads the processing and storage tasks among many computers. The Internet is an example of a distributed network. Managing and securing a distributed computing system are more difficult than for a centralized system because the locations of files, resources, and machines are often geographically disbursed.

PTS: 1 REF: 6 TOP: Critical Thinking