Name	Page	1

Spring 98

CSCI 107 TEST II

Multiple choice -- 3 points each -- Circle the most appropriate answer

1.	Which	of the	following	do ban	ks use to	sort c	hecks?
----	-------	--------	-----------	--------	-----------	--------	--------

A. Bar code reader

B. Magnetic-ink-recognition device

C Fax machine

D. Imaging system

2. Intel is the largest producer of these

A. CPU chips C. BIOS chips

- B. Memory chips D. ROM chips
- 3. Which of the following was not started during the lecture on the process of making a microprocessor chip?
 - A. The main reason chips are defective is that they are not completely clean
 - B. About 10% of the chips created are defective.
 - C. Very toxic chemicals are used to etch the patterns in the circuits.
 - D. The current Intel Pentium II chips contains over 9 Million transistors.
- 4. Bus lines on a mother board are
 - A. Data lines that transmit data one bit at a time sequentially
 - B. An electrical pathway along which data is transmitted between objects on a motherboard
 - C. A major transportation line between Microsoft and Apple computers
 - D. The cords that connect the mother board to printers
- 5. The resolution of a computer monitor screen is the
 - A. Size of the screen

B. The maximum number of text lines shown on a screen

C. The number of pixels displayed

D. The number of times the screen is refreshed

- 6. An integrated circuit is
 - A. Another name for a motherboard
 - B. A port that can be used as either parallel or serial
 - C. A silicon chip containing millions of transistors
 - D. A SCSI interface that connects several peripherals
- 7. Which of the following is used mainly for saving still pictures to a file.

A. JPEG standard

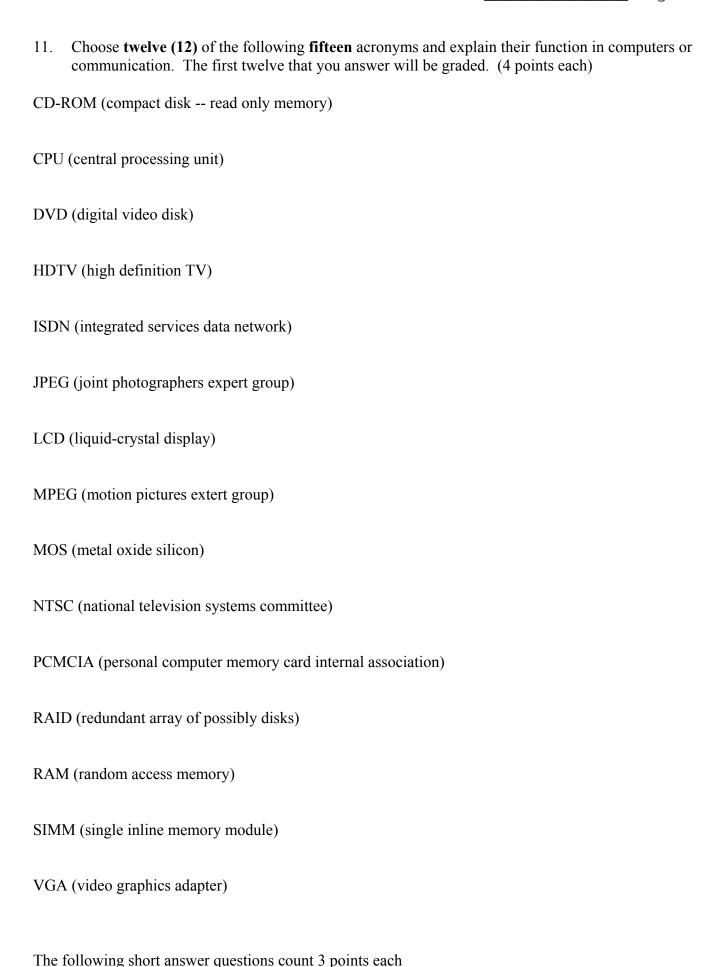
C. DVD standard

B. MPEG standard

D. JAVA standard

- 8. The difference between a 100 MHz computer and a 233 MHz computer is its
 - A. Disk storage capacity. B. Processing speed C. Memory capacity. D. None of the above
- 9. The time required to position the head of a disk drive to a new track is about
- A. 10 seconds. B. 10 milliseconds C. 10 microseconds. D. 10 nanoseconds.
- 10. The time required to read a word from the RAM on modern PC's is about
- A. 50 seconds. B. 50 milliseconds C. 50 microseconds. D. 50 nanoseconds.

Name	Page	2



				Name	Page 3	
12.	Use one of format:	the methods discussed in SAMbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbb	-	-	owing string in compressed	
13.		n bit sequence 1001001 i any doubts, explain your a		using odd parity, wha	t bit is added to the string? I	f
a b	1 D	kinds of expansion boards				
a b	1 D	kinds of input devices oth			_	
16.	Choose tw				ifferences between the elemen	nts
Ι	Oynamic RA	M vs Static RAM				
Ι	Lossy compre	ession vs lossless compre	ession			
F	Phonemes vs	characters				