

Computer Science: Test #2: About Computers

(ref: comp.test2.03)

Name: _____

Date: _____

A) Multiple-Choice: Select the BEST answer to satisfy the following. Either (A, B, C or D). Completely **DARKEN** the letter at the end of this section in the ANSWER SECTION. (25 points)

1. The type of computer memory which is termed 'volatile' is:
 - A) ROM
 - B) RAM
 - C) DING
 - D) CD-R

2. The term TERA means: (in general)
 - A) 1 million
 - B) 1 billion
 - C) 1 trillion
 - D) 1 godzillian

3. The 4 functions that a computer must perform are:
 - A) Input, output, RAM and ROM
 - B) Print, scan, digitally picture, mice
 - C) Input, output, process, memory
 - D) all of the above answers are correct

A) printer B) modem C) scanner D) joy-stick

4. After which computer developer is there a computer language named for:
 - A) Hollerith
 - B) Pascal
 - C) Babbage
 - D) ENIAC

5. The ability of the computer to be able to run more than one program at the same time is:
 - A) the internet
 - B) hectic
 - C) Patrick's thought patterns
 - D) multitasking

6. The type of memory that controls the moment by moment processes of the computer is:
 - A) ROM
 - B) RAM
 - C) cache
 - D) OS

7. PROM differs from ROM in that it:
 - A) begins with the letter P
 - B) provides input/output functions
 - C) is programmable
 - D) describes a fancy dance

8. The start up process when you turn on your computer is called:
 - A) switch-on
 - B) OS
 - C) boot-up
 - D) boot-down

9. Your ISP is really:
A) “something unmentionable that we just don’t talk about”
B) the hypertext transfer protocol on your computer
C) your internet service provider, like Sympatico
D) something you wISH you saw in Ottawa ‘cause it’s so boring there!!!
10. What is called the 4th generation for computers introduced the....
A) integrated circuit B) vacuum tubes C) microprocessor D) transistors
11. Often known as the Father of Computers was:
A) Pascal B) Bill Gates C) Herman Hollerith D) Charles Babbage
12. CPU stands for...
A) central processing unit B) central position uniform
C) GIGO D) arithmetic logic unit
13. The original name of the International Business Machine Corporation was:
A) Intel B) Microsoft
C) the Tabulating Machine Company D) AMD
14. If you have 1 megabyte you have:
A) 1 gigabyte B) 1 000 bytes C) 1000 kilobytes D) 1 gigabyte
15. Which of the following mediums can hold the largest amount of information?
A) DVD B) floppy disk C) CD-ROM D) ROM
16. Presper Eckert & John Mauchly built the.....which used vacuum tubes.
A) UNIVAC-I B) EDVAC C) Pentium D) ENIAC
17. Which electronic device replaced the vacuum tube in the computer?
A) abacus B) microprocess C) transistor D) integrated circuit
18. Which of the following is not an output device?
A) printer B) modem C) monitor D) keyboard

SECTION B: Symbols: Fill in the blanks. Write what these letters stand for. (5 points)

1. CPU:
2. RAM:
3. TB:
4. PROM:
5. HTTP:

6. I/C:
7. WWW:
8. HTML:
9. SETC “:
10. OS:

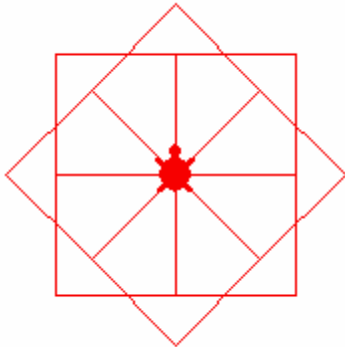
SECTION C: Computer Comprehension: Read the attached article and answer the following questions. (10 points)

1. What does UNIVAC stand for?
.....
2. Put the following in the correct order by date (from earliest to newest)
BINAC....ENIAC.....UNIVAC....EDVAC
(write them in the correct order on the line)
.....
3. Exactly how many fewer vacuum tubes did the UNIVAC computer use as compared to the ENIAC?
.....
4. After reading the article, for whom or what organization do you notice that most computers were first manufactured for?
.....
5. Who was the first to use the UNIVAC computer and in what year?
.....
6. From what 2 mediums was information read from for input into the UNIVAC?
.....
7. How many operations could the UNIVAC perform per second?
.....

8. What was the cost of the UNIVAC computer?
.....
9. Name the people who built the UNIVAC.
.....
10. The UNIVAC was used in the American Presidential election in 1952 when General Dwight D. Eisenhower was running against Adlai E. Stevenson. Who do you think won the election? (maybe you've read or heard these names mentioned; well, maybe!!)
.....

SECTION D: PROCEDURE (5 points)

Write the most compact (shortest) procedure to draw the following figure:



Bonus Question: Simple Geometry: In the diagram, **O** is the center of the circle and **AB** is parallel to **OD**. **AO** and **BC** are perpendicular to **OD**. **OC** is 5 units long and **CD** is 1 unit long. Find the length of **AC**. (explain how you get the answer) (5 points)

Bonus-Bonus Question: Name this famous person: (2 marks)



Name: _____