

Past of PC Hardware Review

1. This mathematical tool was used from around 2500 BCE to the 17th century. A current form of the device has a center post. When the beads or slid against the post they are counted. An entire number can be read left to right although some cultures read their numbers in an opposite direction.
2. The earliest forms of counting found on our planet are tally sticks where a notch is used to count such things as days of the month or the number of sheep in a herd. These items have been dated around what year?
3. What two people created the first binary computer at Iowa State College?
4. This individual invented logarithms in 1614. In this system when using a table, two base ten numbers can be converted to logarithms. Add them together and look in the chart to convert the new total to a base ten figure and we have accomplished multiplication. Subtract the logarithm and we perform division. What is this person's name?
5. A 4-bit binary number can count from zero to what base ten number?
6. Place this famous computer anachronism in order.
 - a. Integrator
 - b. Computer
 - c. Numerical
 - d. Electronic
 - e. and
7. An 8-bit binary number can count from zero to what base ten number? A 16-bit binary number can count from zero to what base ten number?
8. A simple transistor or even a complex microprocessor is referred to as what kind of device?
9. A 32-bit binary number can count from zero to what base ten number?
10. A 64-bit binary number can count from zero to what base ten number?
11. The binary number 01010101 equals what base ten number?
12. These two individuals created a programmable computer at the University of Pennsylvania in 1946. With nearly 20,000 vacuum tubes, its processing speed was fast in those years. It was used by the US Army from 1947 to 1955.
13. What are the four main functions a computer?
14. This individual used two sliding logarithm scales to create a slide rule in 1622 and it is used for multiplication and division. The tool was used from the 17 to 20 century.
15. Did Intel ever considered to close their microprocessor manufacturing line due to lack of profits?

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16. What were first manufactured in the 1970's and used in computers and calculators. Cheaper electronic devices gave people another option other than using slide rules and main frame computers to perform complex mathematics.
17. The first microprocessor was the 4004 which could process 92000 processes per second. What do we call the per second unit of measurement?
18. Will Binary numbers will eventually count higher than base ten numbers using less digits.
19. Your current 64-bit computer is running 64 Gigabytes of memory. Is that the maximum amount of RAM for any Personal Computer using 64-bit technology?
20. What is a byte?
21. What two things does a computer need to operate?
22. What is the most important component in the computer?