Question 1

Correct

Mark 1.0 out of 1.0

Increasing the CPU frequency allows for the execution of more instructions per second. Is it the increase in CPU frequency observed for decades was useful for accelerating the executio sequential codes?

Select one:

- (●) True ✔
- ( ) False

Well done!

The correct answer is 'True'.

Try another question like this one

Question 2

Correct

Mark 1.0 out of 1.0

Review Moore's Law and check the boxes that are true

Select one or more:

- [x] a. Moore's law states that number of transistors that can be placed inexpensively on a integrated circuit doubles approximately every two years.
- [x] b. Moore's law is an observation and projection of a historical trend and not a physica natural law.
- [x] c. The trend was true for years, but it's coming to an end. ✔
- [x] d. The observation is named after Gordon Moore who made this observation in the 7

Your answer is correct.

The correct answers are: Moore's law states that number of transistors that can be placed ine on an integrated circuit doubles approximately every two years., Moore's law is an observat projection of a historical trend and not a physical or natural law., The trend was true for yea coming to an end., The observation is named after Gordon Moore who made this observatio 70's.

Try another question like this one

Question 3

Correct

Mark 1.0 out of 1.0

Increased operation frequencies of electronic circuits typically imply higher power consump heat dissipation. Around 2004 CPU designers changed their strategy for exploiting the incre number of transistors that could fit in a chip. They stopped increasing the CPU complexity a operating frequency. Instead, they increased the number of processing units (cores) availabl chip. This was the starting point of the so called Multi-core era. Is this true?

Select one:

- True ✔
- False

Well done!

The correct answer is 'True'.

Try another question like this one