

Matching

digital divide	individuals opposed, on principle, to computer technology
neo-Luddites	refers to the fact that some people have access to computers and information technology while others do not
technological singularity	point at which artificial intelligence advances so far that we cannot comprehend what lies on the other side

True/False

- _____ Simplifications and assumptions are always made when designing a computer model.
- _____ Providing new technology to poor countries is simply a matter of having enough money to buy equipment.
- _____ Expert information is the same as the wisdom of the crowd.
- _____ One criticism of Wikipedia is that information quality may be suspect, compared to more traditional encyclopedias.

Multiple Choice

- Which of the following is NOT a Neo-Luddite criticism of computers?
 - Use of computers in schools thwarts development of social skills
 - Computers separate humans from nature and destroy the environment
 - Computers cause social inequity
 - None of the above
- Ken Olson, president of Digital Equipment Corp. in the late 1970's, Thomas J. Watson, chairman of IBM in the early 1940's, and Thomas Edison all made predictions about technology that were extremely wrong. Which of the following explains why the predictions of experts are often so far off?
 - Lack of imagination about the uses people would find for technology
 - Lack of imagination about what the public would like
 - Lack of imagination about what the public would pay for
 - All of the above
- Why do models of complex economic and social systems often give poor or inconsistent results?
 - We might not have complete knowledge of the system we are modeling.
 - The data describing current conditions or characteristics might not be complete or accurate.
 - It is difficult, if not impossible, to numerically quantify variables that represent human values or choices.
 - All of the above