**Technology in Action 16e**

**Chapter 1 Quiz // Assessment**

**multiple choice**

**\*\*\* OBJECTIVE 1.1**

1. The crisis-mapping tool Ushahidi

a. prevents two-way dialog between people.

b. is only available in the United States.

c. shows that a free software product can have great value.

d. relies on people using their desktop computing power to help others.

ANSWER: C

**\*\*\* OBJECTIVE 1.2**

1. Sophisticated modeling software is helping international researchers
2. create more intricate screenplays and movie scripts.
3. analyze computer systems to gather potential legal evidence.
4. market new types of products to a wider audience.
5. increase the pace of research in finding and producing vaccines.

ANSWER: D

**\*\*\* OBJECTIVE 1.3**

1. Which of the following would not impact the digital divide?

a. A decline in the price of internet access

b. Less sharing of the work we produce

c. Expansion of free wifi connectivity in major cities

d. Legislation allowing communications companies to charge per website for access

ANSWER: B

**\*\*\* OBJECTIVE 1.3**

1. Crowdfunding sites include
2. Citi Bike and Zipcar.
3. Bing and Google.
4. Kickstarter and GoFundMe.
5. Amazon and Kiva.

ANSWER: C

**\*\*\* OBJECTIVE 1.4**

5. Bike sharing programs like Citi Bike are an example of

a. principled psychology.

b. crowdfunding.

c. crowdsourcing.

d. a subscription-style business model made possible by technology.

ANSWER: D

**\*\*\* OBJECTIVE 1.5**

1. Being computer literate includes being able to
2. avoid spam, adware, and spyware.
3. use the web effectively.
4. diagnose and fix hardware and software problems.
5. all of the above

ANSWER: D

**\*\*\* OBJECTIVE 1.6**

1. All of the following are current focuses of AI research EXCEPT
2. natural language processing.
3. perception.
4. cognitive surplus.
5. knowledge representation.

ANSWER: C

**\*\*\* OBJECTIVE 1.8**

1. Which of the following statements is FALSE?

a. Unethical behavior is always illegal.

b. Ethical decisions are usually influenced by personal ethics.

c. Individuals who have no sense of right or wrong exhibit amoral behavior.

d. Life experience affects an individual’s personal ethics.

ANSWER:A

**\*\*\* OBJECTIVE 1.9**

9. Which of the following actions would NOT help to identify your personal ethics?

a. Describe yourself.

b. Conduct a genealogic study of your extended family.

c. Identify the influences of your work environment.

d. Prepare a list of values that are most important to you.

ANSWER:B

**\*\*\* OBJECTIVE 1.10**

10. Intellectual property

a. is the result of someone’s creative work and design.

b. can be protected legally by the patent system.

c. can include works of music, film, or engineering design.

d. all of the above.

ANSWER: D

**true/false**

1. Intellectual property can be legally protected even though it is not a physical object. (OBJ 1.6)

ANSWER: TRUE

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2. The move toward access instead of ownership is a sign of cognitive surplus. (OBJ 1.4)

ANSWER: FALSE

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3. Artificial intelligence systems think exactly like human beings do. (OBJ 1.6)

ANSWER: FALSE

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4. Web-based databases cannot be used to help investigators solve criminal cases. (OBJ 1.7)

ANSWER: FALSE

5. Hactivism is different from cyberterrorism. (OBJ 1.10)

ANSWER: TRUE