Module 01 Exam

1. Which company was the first to develop a computer meant for personal use?
    a. IBM
    b. Dell
    c. Apple
    d. Intel

ANSWER:	c
RATIONALE:	In 1978, Steve Jobs and Steve Wozniak of Apple Computer Corporation introduced the Apple II.
POINTS:	1
REFERENCES:	CC 1-3
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology. TECH.CAMP.1.1.1 - Outline the history of computers.
CORPORATE STANDARDS:	4621 - Outline the history of computers.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Remember
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2. How is a microprocessor different from an integrated circuit?
    a. Microprocessors are the size of your thumb and integrated circuits are the size of your hand.
    b. Microprocessors are faster, smaller and less expensive than integrated circuits.
    c. Microprocessors control the flow of electrons and integrated circuits control the flow of protons.
    d. Microprocessors include tape and disk storage whereas integrated circuits are part of an operating system.

ANSWER:	b
RATIONALE:	Microprocessors are faster, smaller and less expensive than integrated circuits.
POINTS:	1
REFERENCES:	CC 1-2
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology. TECH.CAMP.1.1.1 - Outline the history of computers.
CORPORATE STANDARDS:	4621 - Outline the history of computers.
TOPICS:	Technology in Society
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3. Which option lists the computer components in order from oldest to newest?

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    a. integrated circuits, microprocessors, vacuum tubes, transistors, personal computers

    b. transistors, vacuum tubes, integrated circuits, personal computers, microprocessors

    c. vacuum tubes, transistors, integrated circuits, microprocessors, personal computers

    d. microprocessors, vacuum tubes, transistors, personal computers, integrated circuits

ANSWER:	c
RATIONALE:	The first generation of computers used vacuum tubes. The next generation of computers replaced vacuum tubes with transistors. In the 1960s computer engineers developed integrated circuits. In 1971, Intel and IBM introduced the microprocessor. In 1981, IBM introduced the personal computer.
POINTS:	1
REFERENCES:	CC 1-2
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology. TECH.CAMP.1.1.1 - Outline the history of computers.
CORPORATE STANDARDS:	4621 - Outline the history of computers.
TOPICS:	Technology in Society
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4. New cars use embedded computers to make driving safer.

    a. True

    b. False

ANSWER:	True
RATIONALE:	Today's vehicles have many embedded computers. Recently, all new cars were required to include backup cameras and electronic stability control with the intent of making driving safer.
POINTS:	1
REFERENCES:	CC 1-4
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology. TECH.CAMP.1.1.2 - Explain the impact of the "Internet of Things" and embedded computers.
CORPORATE STANDARDS:	4634 - Define an embedded computer.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Understand
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5. Embedded computers usually are small and have limited hardware but enhance the capabilities of everyday devices.
   a. True
   b. False

ANSWER:	True
RATIONALE:	IoT-enabled devices often are referred to as smart devices because of their ability to communicate, locate, and predict. Smart devices often have associated apps to control and interact with them.
POINTS:	1
REFERENCES:	CC 1-4
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology. TECH.CAMP.1.1.2 - Explain the impact of the "Internet of Things" and embedded computers.
CORPORATE STANDARDS:	5129 - Use the Internet of things in daily life.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Remember
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6. Emma tried to explain to her mother that computers are everywhere. Her mother does not believe her, and challenges Emma to find a computer in their home, as she knows she does not own a computer. Which of the following examples do you think Emma would show her mother as example of computer?
   a. Her coffeemaker that she has set to turn on and make coffee every morning at the same time.
   b. Her hot water heater that has to be manually reset every time the power goes out.
   c. The sprinkler she has to turn on and off when she wants to water her plants.
   d. The carpet steamer she uses to clean her rugs when they get dirty.

ANSWER:	a
RATIONALE:	Embedded computers are usually very small and have limited hardware on their own but enhance the capabilities of everyday devices. Embedded computers perform a specific function based on the requirements of the product in which they reside.
POINTS:	1
REFERENCES:	CC 1-5
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology. TECH.CAMP.1.1.2 - Explain the impact of the "Internet of Things" and embedded computers.
CORPORATE STANDARDS:	5129 - Use the Internet of things in daily life.
TOPICS:	Technology in Society

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KEYWORDS:	Bloom's: Apply
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7. What technology can collect information to make decisions, reach conclusions, and combine information in new ways?
 a. robotics
 b. artificial intelligence (AI)
 c. virtual reality (VR)
 d. embedded computers

ANSWER:	b
RATIONALE:	Computers with AI can collect information to make decisions, reach conclusions, and combine information in new ways, which is a form of learning. Programmers train the computer to act when presented with certain scenarios by instructing the computer that "if X happens, then do Y."
POINTS:	1
REFERENCES:	CC 1-6
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology. TECH.CAMP.1.1.3 - Discover uses for artificial intelligence.
CORPORATE STANDARDS:	4732 - Define artificial intelligence.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Understand
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8. In the 1980s movie, Wargames, the computer was taught to play chess, checkers, tic tac toe, and other strategy games. How would you describe the developers' goal in teaching the computer these games?
 a. The developers were creating virtual reality.
 b. The developers were exploring the use of embedded computers.
 c. The developers were on the verge of discovering augmented reality.
 d. The developers were using artificial intelligence.

ANSWER:	d
RATIONALE:	Artificial intelligence (AI) is the technological use of logic and prior experience to stimulate human intelligence. Computers with AI collect information to make decisions, reach conclusions, and combine information in new ways, which is a form of learning.
POINTS:	1
REFERENCES:	CC 1-6
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the

last quarter century.
TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.
TECH.CAMP.1.1.3 - Discover uses for artificial intelligence.

CORPORATE STANDARDS:	4732 - Define artificial intelligence.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Apply
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9. Jorge saw a computer named Watson on the game show Jeopardy and was surprised at how many answers Watson was able to get correct, especially because the math problems involved solving equations. Watson was using augmented reality to solve the problems.
    a. True
    b. False

ANSWER:	False
RATIONALE:	Artificial intelligence (AI) is the technological use of logic and prior experience to stimulate human intelligence. Computers with AI collect information to make decisions, reach conclusions, and combine information in new ways, which is a form of learning.
POINTS:	1
REFERENCES:	CC 1-6
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology. TECH.CAMP.1.1.3 - Discover uses for artificial intelligence.
CORPORATE STANDARDS:	4732 - Define artificial intelligence.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Remember
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10. _____ is the use of computers to simulate a real or imagined environment that appears as a three-dimensional space.
    a. Virtual reality (VR)
    b. Internet of Things (IoT)
    c. Natural language processing
    d. Green computing

ANSWER:	a
RATIONALE:	Augmented reality is a type of virtual reality that uses an image of an actual place or thing and adds digital information to it, such as a photo of a location overlaid with information about places of interest.
POINTS:	1
REFERENCES:	CC 1-6
QUESTION TYPE:	Multiple Choice

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HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology. TECH.CAMP.1.1.4 - Explore the impact of virtual reality.
CORPORATE STANDARDS:	5138 - Describe virtual reality.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Remember
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11. You are on vacation and want to see where all the restaurants and trendy shops are in relation to your hotel. You remember there is an app on your phone that will use your location and show you that information. What is the app using?

    a. Chip-and-pin technology

    b. Augmented reality

    c. Kiosk

    d. Digital literacy

ANSWER:	b
RATIONALE:	Augmented reality is a type of virtual reality. It uses an image of an actual place or thing and adds digital information to it; a photo with a location overlaid with information about places of interest.
POINTS:	1
REFERENCES:	CC 1-6
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology. TECH.CAMP.1.1.4 - Explore the impact of virtual reality.
CORPORATE STANDARDS:	5138 - Describe virtual reality.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Understand
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12. Margot and Tomas have heard how beautiful the Swiss Alps are, but they are afraid to fly. What technology could they use to see and experience the Alps without flying there?

    a. robotics

    b. embedded sensors

    c. virtual reality (VR)

    d. GPS

ANSWER:	c
RATIONALE:	Virtual reality is the use of computers to simulate a real or imagined environment that appears as a three-dimensional (3-D) space. These simulations use 3-D images that enable users to explore and have a sensory

experience through visual and sound effects.

POINTS:	1
REFERENCES:	CC 1-6
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology. TECH.CAMP.1.1.4 - Explore the impact of virtual reality.
CORPORATE STANDARDS:	5138 - Describe virtual reality.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Apply
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13. A smart refrigerator can use _____ to detect when you are running low on milk, and then send a reminder to you on a wireless network.
    a. transistors

    b. sensors

    c. kiosks

    d. navigation systems

ANSWER:	b
RATIONALE:	The Internet is used daily to find information, connect with social media, make purchases, and more. Your devices can help you connect to the Internet to perform these tasks.
POINTS:	1
REFERENCES:	CC 1-3
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth. TECH.CAMP.1.2.1 - Use technology in daily life.
CORPORATE STANDARDS:	5088 - Use smart home appliances.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Understand
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14. Tameka is expecting a baby and her partner wants to make sure he can get her to the hospital on the day of delivery using the fastest route possible regardless of time of day. How should he decide which technology to use?
    a. He should choose a product that uses natural language processing, so he can type in where he wants to go.

    b. He should choose a digital assistant that guesses where he wants to go based on the date.

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    c. He should choose a navigation app with artificial intelligence that can provide information about preferred routes.

    d. He should choose an app with augmented reality that displays points of interest as he drives.

ANSWER:	c
RATIONALE:	
	One of the ways artificial intelligence is used on a daily basis is through navigation apps. These provide information about traffic and best routes, along with preferred stops along the way.
POINTS:	1
REFERENCES:	CC 1-7
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth. TECH.CAMP.1.2.1 - Use technology in daily life.
CORPORATE STANDARDS:	5074 - Use AI software.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Apply
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DATE MODIFIED:	11/7/2019 2:39 PM

15. If you want to become a digital citizen, you only have to buy a piece of technology.

    a. True

    b. False

ANSWER:	False
RATIONALE:	
	As a digital citizen, you should be familiar with how to use technology to become an educated and productive member of the digital world.
POINTS:	1
REFERENCES:	CC 1-7
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth. TECH.CAMP.1.2.1 - Use technology in daily life.
CORPORATE STANDARDS:	4800 - Describe a digital citizen.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Remember
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16. How do advertisers use data to know which products would most likely appeal to you?
    a. They monitor the television stations you watch.
    b. They track your movements on your Fitbit.
    c. They track your Facebook and Instagram posts and "likes."
    d. They analyze your text messages sent to your friends.

ANSWER:	c
RATIONALE:	Although all of the ways mentioned produce data, advertisers selling products would be most interested in the data collected from social media and online ads, which track the websites you have visited and then provide ads targeted to your personal interests.
POINTS:	1
REFERENCES:	CC 1-7
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth. TECH.CAMP.1.2.2 - Use technology to enhance productivity and learning.
CORPORATE STANDARDS:	5074 - Use AI software.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Understand
DATE CREATED:	2/6/2019 12:28 AM
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17. Which of the following is the science that combines technology and engineering?
    a. Robotics
    b. Natural language processing
    c. Augmented reality
    d. Digital citizenship

ANSWER:	a
RATIONALE:	Due to changes in domestic and agricultural manufacturing, a science that combines engineering and technology to create and program robots has emerged called robotics.
POINTS:	1
REFERENCES:	CC 1-8
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth. TECH.CAMP.1.2.2 - Use technology to enhance productivity and learning.
CORPORATE STANDARDS:	5120 - Use robotics.
TOPICS:	Develop Personal Uses for Technology

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KEYWORDS: Bloom's: Remember
DATE CREATED: 2/6/2019 12:32 AM
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18. Your Uber driver just showed up to pick you up and when you open the car door, you notice that the human is in the passenger seat and no one is sitting in the driver's seat. You realize this is a self-driving car. You are pretty excited to experience this new technology, but also have reservations. Based on what you have researched, which of the following might be one of your reservations?

    a. Self-driving cars are known for running red lights.

    b. Self-driving cars are often ticketed for speeding.

    c. Self-driving cars contribute to accidents caused by distracted driving.

    d. Self-driving cars rely too much on GPS and turn on closed roads.

ANSWER:	c
RATIONALE:	The human sitting in the car is still supposed to be acting as a driver. In cases where there have been accidents, it has been due to distracted driving or the human falling asleep and not due to a fault in the technology.
POINTS:	1
REFERENCES:	CC 1-7
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth. TECH.CAMP.1.2.2 - Use technology to enhance productivity and learning.
CORPORATE STANDARDS:	5074 - Use AI software.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Apply
DATE CREATED:	2/6/2019 12:36 AM
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19. Which of the following technologies assists users that have a visual disability?

    a. screen readers

    b. colorful webpages

    c. captioning software

    d. on-screen keyboards

ANSWER:	a
RATIONALE:	For an individual who has a visual disability, you can offer a Braille printer or a screen reader. You can also add alternative text to objects, such as pictures or drawings.
POINTS:	1
REFERENCES:	CC 1-10
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False

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LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
	TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth.
	TECH.CAMP.1.2.3 - Utilize technology to assist users with disabilities.
CORPORATE STANDARDS:	4808 - Improve visual accessibility.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Understand
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20. Akira has a mobility impairment that makes it difficult to type on a keyboard. What technology can she use to create written documents without using a keyboard?

    a. closed captioning

    b. speech recognition software

    c. Braille printer

    d. audio book

ANSWER:	b
RATIONALE:	Screen reader technology uses audio output to describe the contents of the screen. A screen reader can read aloud webpages and documents or provide narration of the computer or device's actions. A screen reader can also read alternative text aloud so that the user can understand the image and its purpose.
POINTS:	1
REFERENCES:	CC 1-11
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
	TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth.
	TECH.CAMP.1.2.3 - Utilize technology to assist users with disabilities.
CORPORATE STANDARDS:	4918 - Assist users with limited mobility.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Apply
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21. The Americans with Disabilities Act (ADA) requires that public schools purchase or acquire funding for adaptive technologies.

    a. True

    b. False

ANSWER:	False
RATIONALE:	The Individuals with Disabilities Education Act (IDEA) requires that public schools purchase or acquire funding for adaptive technologies.

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POINTS:	1
REFERENCES:	CC 1-10
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth. TECH.CAMP.1.2.3 - Utilize technology to assist users with disabilities.
CORPORATE STANDARDS:	4883 - Assist users with learning disabilities.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Remember
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22. You can avoid electronic waste by replacing devices every time a new version comes out.
    a. True
    b. False

ANSWER:	False
RATIONALE:	You can avoid electronic waste by not replacing devices every time a new version comes out, and recycling devices and products when they no longer provide value.
POINTS:	1
REFERENCES:	CC 1-12
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth. TECH.CAMP.1.2.4 - Apply green computing concepts to daily life.
CORPORATE STANDARDS:	4643 - Define green computing.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Remember
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23. Which of the following is an example of green computing?
    a. Purchase and use products with an ENERGY STAR label.
    b. Keep devices turned on and ready to use, even at night.
    c. Request printed receipts.
    d. Purchase new models of devices as soon as they are released.

ANSWER:	a
RATIONALE:	You can avoid electronic waste by not replacing devices every time a new

	version comes out and recycling devices and products such as ink and toner when they no longer provide value.
POINTS:	1
REFERENCES:	CC 1-12
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth. TECH.CAMP.1.2.4 - Apply green computing concepts to daily life.
CORPORATE STANDARDS:	4643 - Define green computing.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Understand
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24. Your company must reduce its electronic waste by 10 percent in the next year. What can the company do to meet this goals?

    a. Become more active on social media.

    b. Use sleep modes and other power management features for computers and devices.

    c. Print copies of email messages.

    d. Discard old laptops and cell phones.

ANSWER:	b
RATIONALE:	Organizations can implement a variety of measures to reduce electrical waste, such as: using sleep modes and other power management features for computers and devices; using outside air to cool the data center or computer facility; and allowing employees to telecommute to save gas and reduce emissions from vehicles.
POINTS:	1
REFERENCES:	CC 1-12
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth. TECH.CAMP.1.2.4 - Apply green computing concepts to daily life.
CORPORATE STANDARDS:	4643 - Define green computing.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Apply
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25. Sofie has strong people skills, listens well, and communicates effectively. Which technology career may be a good fit

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for her?

    a. IT consulting

    b. Software and apps

    c. Technology sales

    d. Web marketing and social media

ANSWER:	c
RATIONALE:	Technology salespeople must possess a general understanding of technology as well as specific knowledge of the product they are selling. Strong people skills, including listening and communicating, are important.
POINTS:	1
REFERENCES:	CC 1-14
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.1 - Explore technology careers.
CORPORATE STANDARDS:	4797 - Identify technology jobs.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Remember
DATE CREATED:	2/6/2019 1:01 AM
DATE MODIFIED:	8/23/2019 9:26 AM

26. Taran wants to work in the technology field but is unsure of which career to pursue. He has been told he has strong people skills; he is good at figuring out what is wrong with computers and fixing them; and he is patient and helpful when others do not know how to use computers. As his college advisor, which technology careers would you suggest he explore?

    a. System development

    b. Help desk support

    c. Data scientist

    d. System security

ANSWER:	b
RATIONALE:	Technology salespeople must possess strong people skills. Help desk specialists provide support by answering questions from employees to help them troubleshoot problems. The technology service and repair field provides preventative maintenance, component installations, and repair services to customers.
POINTS:	1
REFERENCES:	CC 1-14
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.1 - Explore technology careers.

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CORPORATE STANDARDS: 4797 - Identify technology jobs.
TOPICS: Explain the Role of Technology in the Professional World
KEYWORDS: Bloom's: Apply
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27. If you want to use evidence found on computers, networks, and other devices to help solve crimes, then which of the following careers is a match for you?

    a. Web analytics

    b. Data scientist

    c. Security specialist

    d. Digital forensics

ANSWER: d
RATIONALE: Digital forensics examiners use evidence found on computers, networks, and devices to help solve crimes.
POINTS: 1
REFERENCES: CC 1-14
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
TECH.CAMP.1.3 - Explain the role of technology in the professional world.
TECH.CAMP.1.3.1 - Explore technology careers.
CORPORATE STANDARDS: 4615 - Describe technology careers.
TOPICS: Explain the Role of Technology in the Professional World
KEYWORDS: Bloom's: Understand
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28. How would you describe an intelligent workplace?

    a. Its workers all telecommute and use the cloud.

    b. It uses technology to enable workers to connect and communicate.

    c. It has a bring your own device (BYOD) policy allowing online collaboration.

    d. It holds meetings only via web conferencing and markets itself over social media.

ANSWER: b
RATIONALE: An intelligent workplace uses technology to enable workers to connect to the company's network, communicate with each other, use productivity software and apps, meet via web conferencing, and more.
POINTS: 1
REFERENCES: CC 1-13
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.

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	TECH.CAMP.1.3 - Explain the role of technology in the professional world.
	TECH.CAMP.1.3.2 - List the ways professionals might use technology in the workplace.
CORPORATE STANDARDS:	4646 - Describe how technology is used in workplaces.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Understand
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29. An intelligent workplace uses technology to enable workers to connect to the company's network, communicate with each other, use productivity software and apps, and meet via web conferencing.
   a. True
   b. False

ANSWER:	True
RATIONALE:	An intelligent workplace uses technology to enable workers to connect to the company's network, communicate with each other, use productivity software and apps, and meet via web conferencing.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
	TECH.CAMP.1.3 - Explain the role of technology in the professional world.
	TECH.CAMP.1.3.2 - List the ways professionals might use technology in the workplace.
CORPORATE STANDARDS:	4646 - Describe how technology is used in workplaces.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Remember
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30. Why do companies use online collaborative productivity software?
   a. to promote company events and products
   b. to allow employees to share, edit, and comment on documents
   c. to take classes or earn a degree online
   d. to perform work that is too dangerous, detailed, or monotonous for a single person

ANSWER:	b
RATIONALE:	Companies use online collaborative productivity software to allow employees to share document such as reports or spreadsheets and make edits or comments. Google docs and Skype are two examples of collaborative online software.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice

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HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.2 - List the ways professionals might use technology in the workplace.
CORPORATE STANDARDS:	4646 - Describe how technology is used in workplaces.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
DATE CREATED:	2/6/2019 1:19 AM
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31. Sanjay, a middle school history teacher, has assigned his class to work in groups to create a presentation on the different legal systems around the world. Each group consists of three people in the class and one person from their pen pal class in India. How would you describe Sanjay's use of technology?
    a. He is using technology to promote a school event and send emails.
    b. He is using technology to teach concepts and reduce the need for paper.
    c. He is using technology to create an intelligent classroom with high tech printers.
    d. He is using technology to have students work cooperatively in groups and create a presentation.

ANSWER:	d
RATIONALE:	Schools use social networking tools to promote school events, work cooperatively on group projects, and teach concepts.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.3 - Explain the ways teachers might use technology in K-12 education.
CORPORATE STANDARDS:	5093 - Describe how to use technology in higher education.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Remember
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32. The fifth grade class at the local elementary school is doing a class project on recycling and wants to involve the entire community. How could they inform community members about their project using social networking?
    a. They could create a hashtag and post on social media.
    b. They could put flyers in everyone's mailbox.
    c. They could call all their neighbors.
    d. They could contact the newspaper to run an article.

ANSWER:	a
RATIONALE:	Schools use social networking tools to promote school events, work

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	cooperatively on group projects, and teach concepts.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.3 - Explain the ways teachers might use technology in K-12 education.
CORPORATE STANDARDS:	4803 - Describe how to use technology in elementary education.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
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33. At the beginning of the school year, each classroom was given one box of copy paper to make all their copies for the year. How do you think the teachers will be able to make that one box last all year long?

    a. Email all the documents home, so the students can print them out there.

    b. Have students share copies and rotate who turns it in so each time one student gets a grade.

    c. Ask each parent to donate a box of paper so more copies can be made.

    d. Place as many documents as possible online, reducing the need for paper printouts.

ANSWER:	d
RATIONALE:	Online productivity software enables students to work collaboratively on projects and send finished assignments to the teacher using email, reducing the need for paper printouts.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.3 - Explain the ways teachers might use technology in K-12 education.
CORPORATE STANDARDS:	5093 - Describe how to use technology in higher education.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Understand
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34. Daniella mailed a package to her brother three days ago. She wants to see if it has arrived yet. What technology will enable her to track her package?

    a. The code on the package that is scanned at each leg of the journey.

    b. The computer that is finding the fastest route for the driver.

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    c. The GPS that is avoiding traffic and hazardous conditions.

    d. The phone that her brother will use when he receives the package.

ANSWER:	a
RATIONALE:	Transportation workers use handheld computers to scan codes on packages or containers of products before loading them on a vehicle train, ship, or plane. You can then track the progress of your package as it makes its way to you.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.4 - Explain how various transportation services utilize technology to their advantage.
CORPORATE STANDARDS:	5128 - Use technology in transportation services.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Remember
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35. How will technology help people with disabilities become more transportation independent?

    a. Scan codes can be used to track where a person is.

    b. GPS can be used to navigate traffic patterns.

    c. Automated vehicles will be developed.

    d. Drones will deliver their packages.

ANSWER:	c
RATIONALE:	Automated vehicles increase independent transportation options for people with disabilities.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.4 - Explain how various transportation services utilize technology to their advantage.
CORPORATE STANDARDS:	5128 - Use technology in transportation services.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
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36. What technology is being used when you are sent an email saying you can track your package?
    a. Scan code
    b. LMS
    c. CAM
    d. M2M

ANSWER:	a
RATIONALE:	Transportation workers use handheld computers to scan codes on packages or containers of products before loading them on a vehicle, train, ship, or plane. You then can track the progress of your package as it makes it way to you.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.4 - Explain how various transportation services utilize technology to their advantage.
CORPORATE STANDARDS:	5128 - Use technology in transportation services.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Understand
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37. Which technology device could be used to view a patient's internal organs?
    a. Electronic bracelet
    b. Ingestible camera
    c. 3-D printer
    d. Mobile health record

ANSWER:	b
RATIONALE:	Patients can ingest smart pills that contain sensors to monitor medication or contain tiny cameras to enable a physician to view the patient's internal organs without invasive procedures.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.5 - Explain the ways that technology assists the world of healthcare.
CORPORATE STANDARDS:	4815 - Describe how to use technology in healthcare.
TOPICS:	Explain the Role of Technology in the Professional World

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KEYWORDS:	Bloom's: Remember
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38. Which of the following is NOT true about mobile health?

    a. Health records are stored in the cloud.

    b. The need for visits to the doctor's office is increased.

    c. Physicians can monitor patients using digital devices through the use of a smartphone.

    d. Patients can receive text reminders to take medications.

ANSWER:	b
RATIONALE:	The mobile health (mHealth) trend refers to healthcare professionals using smartphones or tablets to access health records stored in the cloud, and patients using digital devices to monitor their conditions and treatments reduce the need for visits to the doctor's offices.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.5 - Explain the ways that technology assists the world of healthcare.
CORPORATE STANDARDS:	4815 - Describe how to use technology in healthcare.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Understand
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39. Andy has diabetes and he is not good about taking his medications or even checking his insulin levels. His doctor has recently started using mobile health (mHealth). How will Andy's doctor's use of mHealth help Andy get his diabetes under control?

    a. His health records will now be stored in the cloud.

    b. He will not have to visit the doctor as frequently.

    c. His doctor will be able to monitor him through the use of a smartphone.

    d. He will receive text reminders to take his medications and check his insulin.

ANSWER:	d
RATIONALE:	mHealth apps can track prescription information, text reminders to take medication, or refill prescriptions.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False

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LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.5 - Explain the ways that technology assists the world of healthcare.
CORPORATE STANDARDS:	4815 - Describe how to use technology in healthcare.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
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40. Which of the following is a technology designed for use in manufacturing?
    a. electronic monitoring bracelets
    b. machine-to-machine (M2M) communications
    c. bring your own device (BYOD)
    d. web analytics

ANSWER:	b
RATIONALE:	Pairing robotic systems with human workers improves quality, cost efficiency, and competitiveness.
POINTS:	1
REFERENCES:	CC 1-14
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.6 - Describe the ways that technology has impacted the world of manufacturing.
CORPORATE STANDARDS:	4877 - Describe how to use technology in manufacturing.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Remember
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41. What types of activities are ideal for a robot to perform?
    a. Critical thinking
    b. Creative design work
    c. Group interaction
    d. Repetitive tasks

ANSWER:	d
RATIONALE:	Manufacturers use computer-aided manufacturing (CAM) to streamline production and ship products more quickly. With CAM, robots perform work that is too dangerous, detailed, or monotonous for people.
POINTS:	1

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REFERENCES:	CC 1-14
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
	TECH.CAMP.1.3 - Explain the role of technology in the professional world.
	TECH.CAMP.1.3.6 - Describe the ways that technology has impacted the world of manufacturing.
CORPORATE STANDARDS:	4877 - Describe how to use technology in manufacturing.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Understand
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42. How do delivery companies track packages?
    a. They use a learning management system.
    b. They use code-scanning technology.
    c. They use GPS.
    d. They use robotic arms to load packages.

ANSWER:	b
RATIONALE:	
	Manufacturers use computer-aided manufacturing (CAM) to streamline production and ship products more quickly.
POINTS:	1
REFERENCES:	CC 1-14
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
	TECH.CAMP.1.3 - Explain the role of technology in the professional world.
	TECH.CAMP.1.3.6 - Describe the ways that technology has impacted the world of manufacturing.
CORPORATE STANDARDS:	4877 - Describe how to use technology in manufacturing.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
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43. The teachers in the Mathematics Department want to increase student retention and success rates in all the math courses. They are interested in looking for something that will allow students to check their progress, take practice tests, and message instructors with questions. What would you recommend they consider?
    a. An e-book with digital content
    b. A learning management system
    c. An online tutoring system
    d. A social networking platform

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ANSWER:	b
RATIONALE:	A college or university might use a learning management system to set up web-based training sites where students can check their progress in courses, take practice tests, and exchange messages with the instructor or other students.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.7 - Explain the ways that professors might use technology in higher education.
CORPORATE STANDARDS:	4879 - Describe how to use technology in higher education.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Understand
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44. In a large business, the _____ Department makes sure that all the computer operations, mobile devices, and networks run smoothly.

    a. Human Resources

    b. Information Technology

    c. Engineering

    d. Personal Computing

ANSWER:	b
RATIONALE:	Ebooks let students read and access content from their tablet or device and access digital assets like videos associated with the content.
POINTS:	1
REFERENCES:	CC 1-14
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.7 - Explain the ways that professors might use technology in higher education.
CORPORATE STANDARDS:	5093 - Describe how to use technology in higher education.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	KEYWORDS: Bloom's: Remember
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45. Dave and Pietro are active in the National Guard. Halfway through the semester, they receive orders to report to duty.

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How can their professor use technology to allow them to complete the course?
   a. Speed through the content and finish before they leave.
   b. Mail them videotapes and tests.
   c. Use a learning management system (LMS) to put lectures and tests online.
   d. Give them the classroom phone extension to dial in while away.

ANSWER:	c
RATIONALE:	
	A college or university might use a learning management system (LMS) to set up web-based training sites where students can check their progress in a course, take practice tests, and exchange messages with the instructor or other students.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.7 - Explain the ways that professors might use technology in higher education.
CORPORATE STANDARDS:	4879 - Describe how to use technology in higher education.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
DATE CREATED:	2/6/2019 8:44 AM
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46. What should you avoid doing when creating your online profile for potential employers?
   a. Including links to videos you have created.
   b. Enabling privacy settings on social media sites.
   c. Using humor or informal names.
   d. Adding photos of yourself.

ANSWER:	c
RATIONALE:	
	When creating a professional online presence do not use humorous or informal names for your account profiles, blog, or domain name.
POINTS:	1
REFERENCES:	CC 1-16
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world. TECH.CAMP.1.3.8 - Explore how you might prepare for a career in technology.
CORPORATE STANDARDS:	4633 - Identify security risks in the Internet.
TOPICS:	Explain the Role of Technology in the Professional World

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KEYWORDS: Bloom's: Understand
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47. Joaquim wants to create a strong professional online presence so employers will be interested in him and seek him out. What would be your best advice for him?

    a. Tell him to use the picture from Spring Break as he has a great tan and the beach is a good background.

    b. Tell him to upload PDF of his resume so no one can make changes to it and be sure to include links to the article he wrote.

    c. Tell him to make sure his Facebook settings are marked public as employers today want to see that their employees know how to have fun.

    d. Tell him to be sure to put a humorous quote on his site to show he has a funny side.

ANSWER: b
RATIONALE:
                  When creating a professional online presence include a PDF of your resume and links to videos, publications, or digital content you have created.
POINTS: 1
REFERENCES: CC 1-16
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
                  TECH.CAMP.1.3 - Explain the role of technology in the professional world.
                  TECH.CAMP.1.3.8 - Explore how you might prepare for a career in technology.
CORPORATE STANDARDS: 4633 - Identify security risks in the Internet.
TOPICS: Explain the Role of Technology in the Professional World
KEYWORDS: Bloom's: Apply
DATE CREATED: 2/6/2019 8:49 AM
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48. Which of the following would be considered a professional networking website?

    a. LinkedIn

    b. Facebook

    c. Twitter

    d. Instagram

ANSWER: a
RATIONALE:
                  LinkedIn is a professional networking website.
POINTS: 1
REFERENCES: CC 1-16
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
                  TECH.CAMP.1.3 - Explain the role of technology in the professional world.

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	TECH.CAMP.1.3.8 - Explore how you might prepare for a career in technology.
CORPORATE STANDARDS:	4850 - Explain how to prepare for a technology career.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Remember
DATE CREATED:	2/6/2019 8:51 AM
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49. The first generation of computers used microprocessors.
     a. True
     b. False

ANSWER:	False
RATIONALE:	The first generation of computers used vacuum tubes, cylindrical glass tubes that controlled the flow of electrons.
POINTS:	1
REFERENCES:	CC 1-2
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
	TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.
CORPORATE STANDARDS:	4621 - Outline the history of computers.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Remember
DATE CREATED:	2/6/2019 9:45 AM
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50. Which of the following is an example of an embedded computer?
     a. adaptive cruise control system
     b. Apple II
     c. smartphone
     d. RFID tags

ANSWER:	a
RATIONALE:	Embedded computers perform a specific function based on the requirements of the product in which they reside.
POINTS:	1
REFERENCES:	CC 1-4
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
	TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.
CORPORATE STANDARDS:	4634 - Define an embedded computer.
TOPICS:	Technology in Society

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KEYWORDS: Bloom's: Apply
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51. _____ is an environment where processors are embedded in objects that communicate with one another via the Internet or wireless networks.
    a. The Internet of Things
    b. An intelligent workplace
    c. Augmented reality
    d. Assistive technology

ANSWER:	a
RATIONALE:	Computers with AI can collect information to make decisions, reach conclusions, and combine information in new ways, which is a form of learning.
POINTS:	1
REFERENCES:	CC 1-3
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.
CORPORATE STANDARDS:	4682 - Define the Internet of Things.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Understand
DATE CREATED:	11/8/2019 10:48 AM
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52. Before going into space, astronauts spend many hours training on flight simulators allowing them to learn how to fly without life and death consequences. How would you describe the technology the flight simulator is using?
    a. It is acting as a robot.
    b. It is using virtual reality.
    c. It is a type of artificial intelligence.
    d. It is serving as a digital assistant.

ANSWER:	b
RATIONALE:	Virtual reality is the use of computers to simulate a real or imagined environment that appears as a three-dimensional (3-D) space. These simulations use 3-D images that enable users to explore and have a sensory experience through visual and sound effects.
POINTS:	1
REFERENCES:	CC 1-6
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.

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CORPORATE STANDARDS:	5138 - Describe virtual reality.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Analyze
DATE CREATED:	2/6/2019 9:54 AM
DATE MODIFIED:	8/23/2019 10:09 AM

53. A digital citizen is familiar with how to use technology to become an educated and productive member of the digital world.
    a. True
    b. False

ANSWER:	True
RATIONALE:	People use technology for everything from their alarm clocks and coffee makers to their phones to check traffic all before they get to work.
POINTS:	1
REFERENCES:	CC 1-7
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth.
CORPORATE STANDARDS:	4800 - Describe a digital citizen.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Remember
DATE CREATED:	2/6/2019 9:56 AM
DATE MODIFIED:	11/7/2019 2:50 PM

54. How are the ways AI learns similar to how you learn?
    a. Both use their senses to learn.
    b. Both use past experiences to predict likely outcomes and responses.
    c. Both make decisions based on research only.
    d. Both use cameras to read faces and analyze voices.

ANSWER:	b
RATIONALE:	When you make a decision based on observation, or answer a question, you brain and senses prompt you to use your past experiences, knowledge base, and visual and other sensory clues to come up with a response. AI and other technologies that mimic human action use some of the same processes.
POINTS:	1
REFERENCES:	CC 1-9
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.

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	TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth.
CORPORATE STANDARDS:	4732 - Define artificial intelligence.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Understand
DATE CREATED:	2/6/2019 9:58 AM
DATE MODIFIED:	11/7/2019 2:52 PM

55. Angeline is deaf. To adhere with the Americans with Disabilities Act (ADA) how can technology help her compete in a hearing world?

    a. A braille printer can be used to print documents.

    b. Screen reader software can be used to read what is on the screen.

    c. Captioning software can be used to transcribe what is being said.

    d. Voice output software can be used to translate what she is saying to text.

ANSWER:	c
RATIONALE:	
	Users with hearing disabilities can instruct programs or apps to display words or other visual clues instead of sounds. Captioning software displays scrolling text for dialogue in a video.
POINTS:	1
REFERENCES:	CC 1-11
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
	TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth.
CORPORATE STANDARDS:	5008 - Improve audio accessibility.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Apply
DATE CREATED:	2/6/2019 10:00 AM
DATE MODIFIED:	8/26/2019 1:19 AM

56. _____ is the gap between those who have access to technology and its resources and information, especially on the Internet, and those who do not.

    a. The digital divide

    b. The Internet lag

    c. A digital assistant

    d. An intelligent divide

ANSWER:	a
RATIONALE:	
	The practice of green computing involves reducing electricity consumed and environmental waste generated when using computers, mobile devices, and related technologies. You can avoid electronic waste by not replacing devices every time a new version comes out, and recycling devices and products such

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as ink and toner when they no longer provide value.

POINTS:	1
REFERENCES:	CC 1-7
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
	TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth.
CORPORATE STANDARDS:	5148 - Describe the digital divide.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Understand
DATE CREATED:	2/6/2019 10:03 AM
DATE MODIFIED:	11/7/2019 2:55 PM

57. Juan is interested in getting a job in the technology field. He is interested in protecting data from threats, and stopping hackers and viruses. Which job would should Juan apply for?
   a. Research and software development
   b. Technical support
   c. Training and support
   d. Information security

ANSWER:	d
RATIONALE:	
	Careers in information and systems security require knowledge about potential threats to a device or network, including viruses and hacking.
POINTS:	1
REFERENCES:	CC 1-14
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century.
	TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4797 - Identify technology jobs.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Remember
DATE CREATED:	2/6/2019 10:05 AM
DATE MODIFIED:	8/23/2019 10:12 AM

58. An intelligent workplace uses technology to allow workers to be productive whether they are in the office or working from home.
   a. True
   b. False

ANSWER:	True
RATIONALE:	
	An intelligent workplace uses technology to enable workers to connect to the

company's network, communicate with each other, use productivity software and apps, meet via web conferencing, and more.

POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4646 - Describe how technology is used in workplaces.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Remember
DATE CREATED:	2/6/2019 10:07 AM
DATE MODIFIED:	8/23/2019 10:13 AM

59. Your school has just been awarded a technology grant. Each grade level team has been asked to submit a proposal for how they would could use the money. Your team puts forward an idea where students can submit work online and work collaboratively with on projects. What type of classroom have you described?
   a. Information classroom
   b. Technology classroom
   c. Mobile classroom
   d. Intelligent classroom

ANSWER:	d
RATIONALE:	Online productivity software enables students to work collaboratively on projects and send the finished assignments to the teacher using email, reducing the need for paper printout. These factors and more create an intelligent classroom, in which technology is used to facilitate learning and communication.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	5093 - Describe how to use technology in higher education.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Understand
DATE CREATED:	2/6/2019 10:09 AM
DATE MODIFIED:	8/23/2019 10:13 AM

60. The local community college wants to increase its online offerings. To do so, the college will most likely need to purchase a(n) _____.
   a. learning management system (LMS)
   b. intelligent classroom platform

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    c. intelligent workplace platform

    d. Ebook app

ANSWER:	a
RATIONALE:	A college or university might use a learning management system (LMS) to set up web-based training sites where students can check their progress in a course, take practice tests, and exchange messages with the instructor or other students.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4879 - Describe how to use technology in higher education.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Understand
DATE CREATED:	2/6/2019 10:12 AM
DATE MODIFIED:	11/7/2019 2:55 PM

61. You and your best friend have both created online career profiles. Within a week, your friend has had three calls for interviews and another 19 companies have viewed his profile. Your profile has had only two views. You ask your friend to review your profile and he finds a problem with it. Which of the following would be a problem for your online career profile?

    a. A professional photo of you

    b. A humorous profile name

    c. A PDF of your resume

    d. No spelling and grammar mistakes

ANSWER:	b
RATIONALE:	When creating a professional online presence do not use humorous or informal names for your account profiles, blog, or domain name.
POINTS:	1
REFERENCES:	CC 1-16
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4633 - Identify security risks in the Internet.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
DATE CREATED:	2/6/2019 10:14 AM
DATE MODIFIED:	11/7/2019 2:57 PM

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62. You work for a company that is losing sales because it takes days to manufacture products. What technology can you suggest the company use to speed production?
    a. commercial virtual reality
    b. telecommuting
    c. computer-aided manufacturing
    d. automated vehicles

ANSWER:	c
RATIONALE:	Manufacturers use computer-aided manufacturing (CAM) to streamline production and ship products more quickly. With CAM, robots perform work that is too dangerous, detailed, or monotonous for people.
POINTS:	1
REFERENCES:	CC 1-14
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4877 - Describe how to use technology in manufacturing.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
DATE CREATED:	11/8/2019 10:53 AM
DATE MODIFIED:	11/8/2019 11:13 AM

63. How are delivery drivers able to meet the delivery timelines selected by customers when purchasing products?
    a. They have automated vehicles
    b. They use a GPS to avoid traffic delays.
    c. They have self-driving trucks.
    d. They use handheld computers/scanners.

ANSWER:	b
RATIONALE:	Drivers use GPS to navigate quickly and safely, avoiding traffic and hazardous conditions.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	5128 - Use technology in transportation services.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Analyze
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64. Simone just received a letter from her health care provider telling her she can create an account online that will give her access to all her health records. How would you describe what her provider is encouraging his patients to engage with?

    a. A learning management system (LMS)

    b. An intelligent workplace

    c. A BYOD (bring your own device)

    d. A mobile health app (mHealth)

ANSWER:	d
RATIONALE:	
	The mobile health (mHealth) trend refers to healthcare professionals using smartphones or tablets to access health records stored in the cloud, and patients using digital devices to monitor their conditions and treatment, reducing the need for visits to the doctor's office.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4815 - Describe how to use technology in healthcare.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Analyze
DATE CREATED:	2/6/2019 10:20 AM
DATE MODIFIED:	8/23/2019 10:16 AM

Module 01

1. _____ means having a current knowledge and understanding of computers, mobile devices, the web, and related technologies.
    a. Digital divide
    b. Artificial intelligence
    c. Digital literacy
    d. Smart computing

ANSWER:	c
RATIONALE:	Digital literacy (also called computer literacy) involves having a current knowledge and understanding of computers, mobile devices, the web, and related technologies.
POINTS:	1
REFERENCES:	CC 1-2
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.
CORPORATE STANDARDS:	4621 - Outline the history of computers.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Remember
DATE CREATED:	8/20/2019 4:50 AM
DATE MODIFIED:	11/7/2019 11:48 AM

2. What was significant about the introduction of the microprocessor in the 1970s?
    a. It had more capacity than other forms of memory.
    b. It could store data separate from the computer.
    c. It allowed computers to communicate directly with each other.
    d. It was faster, smaller, and less expensive than integrated circuits.

ANSWER:	d
RATIONALE:	Microprocessors were even faster, smaller, and less expensive than integrated circuits.
POINTS:	1
REFERENCES:	CC 1-2
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.
CORPORATE STANDARDS:	4621 - Outline the history of computers.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Understand
DATE CREATED:	8/20/2019 9:15 AM
DATE MODIFIED:	11/7/2019 11:49 AM

Name: _____   Class: _____   Date: _____

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3. The Apple II is an example of what type of device?
    a. A first-generation computer
    b. A microprocessor
    c. A computer designed for personal use
    d. A smart device on the Internet of Things

ANSWER:	c
RATIONALE:	In the 1970s and 1980s, computers meant for personal use started to gain popularity. In 1978, Steve Jobs and Steve Wozniak of Apple Computer Corporation introduced the Apple II.
POINTS:	1
REFERENCES:	CC 1-3
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.
CORPORATE STANDARDS:	4621 - Outline the history of computers.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Understand
DATE CREATED:	8/20/2019 10:13 AM
DATE MODIFIED:	11/7/2019 11:50 AM

4. How can you control an IoT-connected smart device?
    a. A game controller
    b. An associated app
    c. A transistor
    d. A connected keyboard and mouse

ANSWER:	b
RATIONALE:	Smart devices often have associated apps to control and interact with them.
POINTS:	1
REFERENCES:	CC 1-3
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.
CORPORATE STANDARDS:	5129 - Use the Internet of things in daily life.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Remember
DATE CREATED:	8/20/2019 10:42 AM
DATE MODIFIED:	8/20/2019 10:47 AM

5. Which of the following communications technologies are used for IoT communications?

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    a. Bluetooth

    b. NFC

    c. RFID

    d. All of these

ANSWER:	d
RATIONALE:	The basic premise of IoT is that objects can be tagged, tracked, and monitored through a local network or across the Internet. Communication technologies such as Bluetooth, RFID tags, near-field communications (NFC), and sensors have become readily available, smaller, and less expensive.
POINTS:	1
REFERENCES:	CC 1-3
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.
CORPORATE STANDARDS:	4682 - Define the Internet of Things.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Remember
DATE CREATED:	8/20/2019 10:48 AM
DATE MODIFIED:	11/7/2019 11:51 AM

6. Kevin is a hotel manager and has noticed long lines of impatient customers at the front desk. What IoT technology can Kevin use to help solve this problem?

    a. ATMs

    b. Webcams

    c. Kiosks

    d. Sensors

ANSWER:	c
RATIONALE:	A kiosk is a freestanding booth usually placed in a public area that can contain a display device used to show information to the public or event attendees. Kiosks enable self-service transactions in hotels and airports, for example, to enable users to check in for a flight or room.
POINTS:	1
REFERENCES:	CC 1-4
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.
CORPORATE STANDARDS:	4893 - Describe uses for the Internet of Things.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Apply
DATE CREATED:	8/20/2019 10:57 AM

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DATE MODIFIED:	11/7/2019 11:51 AM

7. Teagan is fixing a leak under the sink and asks her phone to display a video about making the repair. What technology is Teagan using to complete her plumbing task?

    a. XY

    b. AI

    c. IoT

    d. NFC

ANSWER:	b
RATIONALE:	Artificial intelligence (AI) is the technological use of logic and prior experience to simulate human intelligence. AI has a variety of capabilities, such as speech recognition, virtual reality, logical reasoning, and creative responses.
POINTS:	1
REFERENCES:	CC 1-6
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.
CORPORATE STANDARDS:	4732 - Define artificial intelligence.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Apply
DATE CREATED:	8/20/2019 11:01 AM
DATE MODIFIED:	11/7/2019 11:51 AM

8. Kira works for a software company that currently plans to purchase iPad tablets for every child in a nearby rural school's fourth grade classes. The students will be allowed to take their iPads home so their parents can also get some exposure to the technology. Kira is concerned, however, that buying iPads might further widen the digital divide. What key factor might reduce the positive impact this plan could have for making technology more accessible to these families?

    a. The school might put passwords on all the iPads.

    b. iPads aren't powerful enough devices.

    c. Many rural families don't have Internet access at home.

    d. Businesses in the area prefer kids learn how to use computers instead of tablets.

ANSWER:	c
RATIONALE:	The digital divide is the gap between those who have access to technology and its resources and information, especially on the Internet, and those who do not. Socioeconomic and demographic factors contribute to the digital divide, which can impact individuals, households, businesses, or geographic areas.
POINTS:	1
REFERENCES:	CC 1-7
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.1 - Explain the evolution of society's reliance on technology.

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CORPORATE STANDARDS:	5148 - Describe the digital divide.
TOPICS:	Technology in Society
KEYWORDS:	Bloom's: Analyze/Evaluate
DATE CREATED:	8/20/2019 11:07 AM
DATE MODIFIED:	11/7/2019 11:52 AM

9. Technology in daily life can increase productivity, convenience, safety, and security. Which of the following uses of technology is most often used to address security concerns?

    a. A smart car that manages speed

    b. A navigation app with current traffic information

    c. A virtual assistant using voice recognition

    d. A doorbell with a motion-detection camera

ANSWER:	d
RATIONALE:	Some of the ways you might interact with AI on a daily basis include…security, such as using your fingerprint to access your phone, or facial recognition and motion-detection cameras that alert you to unusual or unauthorized visitors.
POINTS:	1
REFERENCES:	CC 1-7
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth.
CORPORATE STANDARDS:	5074 - Use AI software.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Analyze/Evaluate
DATE CREATED:	8/20/2019 11:11 AM
DATE MODIFIED:	11/7/2019 11:52 AM

10. What technology could you use to display an image of a street overlaid with markers indicating restaurant locations?

    a. Robotics

    b. Internet of Things (IoT)

    c. Digital assistant

    d. Augmented reality (AR)

ANSWER:	d
RATIONALE:	Augmented reality (AR) is a type of VR that uses an image of an actual place or thing and adds digital information to it. A photo of a location overlaid with information about places of interest is an example of AR.
POINTS:	1
REFERENCES:	CC 1-6
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the

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last quarter century.
TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth.

CORPORATE STANDARDS:	4798 - Use virtual reality.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Understand
DATE CREATED:	8/20/2019 11:24 AM
DATE MODIFIED:	11/7/2019 11:53 AM

11. Reginald's son has cerebral palsy and needs a keyboard with large keys to complete his schoolwork. Which law requires the school to provide funding for this equipment?
    a. IDEA
    b. HIPAA
    c. ADA
    d. FERPA

ANSWER:	a
RATIONALE:	The Individuals with Disabilities Education Act (IDEA) requires that public schools purchase or acquire funding for adaptive technologies.
POINTS:	1
REFERENCES:	CC 1-10
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth.
CORPORATE STANDARDS:	4918 - Assist users with limited mobility.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Remember
DATE CREATED:	8/20/2019 11:29 AM
DATE MODIFIED:	8/20/2019 11:34 AM

12. Linda, who is nearly blind, writes a blog post each week advocating for workplace accommodations that maximize employment potential for people with disabilities. To keep up with current news in her field, she follows many other bloggers. What technology can Linda use so she can listen to the text written by other authors?
    a. Speech recognition programs
    b. Audio books
    c. Graphic organizer
    d. Screen reader

ANSWER:	d
RATIONALE:	Screen reader technology uses audio output to describe content on the screen, such as reading aloud webpages.
POINTS:	1
REFERENCES:	CC 1-11

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QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth.
CORPORATE STANDARDS:	4808 - Improve visual accessibility.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Apply
DATE CREATED:	8/20/2019 11:35 AM
DATE MODIFIED:	8/20/2019 11:41 AM

13. Which of the following actions is *NOT* consistent with green computing standards?
   a. Printing email receipts
   b. Watching an online broadcast of an industry conference
   c. Sending an email
   d. Donating an old computer to a local school

ANSWER:	a
RATIONALE:	Printing email receipts uses paper, toner, and electricity when the data could instead be saved electronically. Paperless communications should be part of personal green computing efforts.
POINTS:	1
REFERENCES:	CC 1-12
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth.
CORPORATE STANDARDS:	5039 - Reduce electronic trash.
TOPICS:	Develop Personal Uses for Technology
KEYWORDS:	Bloom's: Apply
DATE CREATED:	8/20/2019 11:42 AM
DATE MODIFIED:	11/7/2019 11:53 AM

14. Which of the following technologies can professionals use to perform their jobs more efficiently?
   a. Electronic waste
   b. Telecommuting
   c. Digital divide
   d. Chip-and-pin technology

ANSWER:	b
RATIONALE:	Today's workers can use smartphones, the Internet, the cloud, and more to work remotely, whether they are telecommuting (working from home), or traveling halfway around the world.

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POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth.
CORPORATE STANDARDS:	4646 - Describe how technology is used in workplaces.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
DATE CREATED:	8/20/2019 11:49 AM
DATE MODIFIED:	11/7/2019 2:05 PM

15. Which technology helps create an intelligent classroom environment?
   a. Bring your own device (BYOD) policy
   b. Social networking tools
   c. Online productivity software
   d. Modern, communal seating arrangements

ANSWER:	c
RATIONALE:	Online productivity software enables students to work collaboratively on projects and send the finished assignment to the teacher using email, reducing the need for paper printouts. These factors and more create an intelligent classroom, in which technology is used to facilitate learning and communication.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	5093 - Describe how to use technology in higher education.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Remember
DATE CREATED:	11/8/2019 9:14 AM
DATE MODIFIED:	11/8/2019 11:26 AM

16. Eric just signed up for his first college class after being out of school for nearly a decade. He goes to the bookstore the week before class starts to get his book, and he's surprised to learn that he only needs an access card. How will Eric be accessing the course material for his college class?
   a. BYOD
   b. Telecommuting
   c. LMS
   d. Social networking

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ANSWER:	c
RATIONALE:	Eric's school uses an LMS (learning management system) to offer students access to web-based training, practice texts, and messaging tools.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4879 - Describe how to use technology in higher education.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
DATE CREATED:	8/21/2019 1:22 AM
DATE MODIFIED:	8/21/2019 1:31 AM

17. Tracey notices her blood pressure medication is running low while she's traveling for a business trip. She's not familiar with pharmacies in the area, so she pulls out her smartphone. What kind of app will help Tracey get a quick refill of her medication?
    a. GPS
    b. Fitness tracker
    c. mHealth
    d. LinkedIn

ANSWER:	c
RATIONALE:	mHealth apps can track prescription information or refill a prescription.
POINTS:	1
REFERENCES:	CC 1-13
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4815 - Describe how to use technology in healthcare.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Understand
DATE CREATED:	8/21/2019 1:29 AM
DATE MODIFIED:	8/21/2019 1:30 AM

18. What technology helps delivery truck drivers route around construction delays and traffic accidents?
    a. GPS
    b. BYOD
    c. CAM
    d. M2M

ANSWER:	a

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RATIONALE:	Drivers use GPS to navigate quickly and safely, avoiding traffic and hazardous conditions.
POINTS:	1
REFERENCES:	CC 1-14
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	5128 - Use technology in transportation services.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Remember
DATE CREATED:	8/21/2019 1:33 AM
DATE MODIFIED:	11/7/2019 12:12 PM

19. Which of the following companies is most likely to use CAM technology?
   a. Warren & Martin Law Firm
   b. Bellevue Carpet Manufacturing
   c. Bay Area Computer Repairs
   d. Riscoe & Sons Electricians

ANSWER:	b
RATIONALE:	CAM (computer-aided manufacturing) is used to streamline production and ship products more quickly, and so would most likely be used by a manufacturing company such as Bellevue Carpet Manufacturing.
POINTS:	1
REFERENCES:	CC 1-14
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4877 - Describe how to use technology in manufacturing.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
DATE CREATED:	8/21/2019 1:36 AM
DATE MODIFIED:	8/21/2019 8:17 AM

20. Melissa likes working with her hands. When she was a kid, she was always playing with Legos, and as she got older, she started taking apart small household appliances like radios or telephones. Which IT career area might be the best fit for Melissa?
   a. Technology service and repair
   b. Web marketing and social media manager
   c. Software and apps developer
   d. Technology training

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ANSWER:	a
RATIONALE:	The technology service and repair field provides preventative maintenance, component installations, and repair services to customers. This often requires a lot of hands-on work with computer hardware, such as taking computers apart and rebuilding them, installing and connecting network devices, or setting up new equipment.
POINTS:	1
REFERENCES:	CC 1-15
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4615 - Describe technology careers.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
DATE CREATED:	8/21/2019 1:39 AM
DATE MODIFIED:	11/7/2019 12:13 PM

21. Reggie is having trouble signing into his email account at work. He picks up the phone to call someone in IT, and then checks the phone list to see who to call. Which IT area should Reggie call?
    a. Operations
    b. Information security
    c. Help desk
    d. Management

ANSWER:	c
RATIONALE:	Help desk specialists are trained to answer questions from employees and help them troubleshoot problems.
POINTS:	1
REFERENCES:	CC 1-15
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4797 - Identify technology jobs.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Analyze/Evaluate
DATE CREATED:	8/21/2019 1:44 AM
DATE MODIFIED:	8/21/2019 1:47 AM

22. Which of the following IT specialty areas does *not* require strong people skills?
    a. Technology sales
    b. System development

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    c. Technology education

    d. IT support

ANSWER:	b
RATIONALE:	Technology sales, education, and IT support all require strong people skills and focus primarily on helping people use technology.
POINTS:	1
REFERENCES:	CC 1-15
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4615 - Describe technology careers.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Analyze/Evaluate
DATE CREATED:	11/8/2019 9:18 AM
DATE MODIFIED:	11/8/2019 11:26 AM

23. Alison has just finished creating her website to display her graphic design artwork. Now she wants to make sure her website will show up in search engine results. What kinds of changes should she consider to accomplish her goal?

    a. SEO

    b. Certification

    c. M2M

    d. Virus detection

ANSWER:	a
RATIONALE:	SEO (search engine optimization) of a website can increase its chances of showing up in search engine results.
POINTS:	1
REFERENCES:	CC 1-16
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4646 - Describe how technology is used in workplaces.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Understand
DATE CREATED:	8/21/2019 1:50 AM
DATE MODIFIED:	11/7/2019 12:13 PM

24. Sami is about to graduate with her IT degree and needs to post her resumé online to help with her job search. Which website should she use to post her qualifications?

    a. Instagram

    b. Google

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  c. Amazon

  d. LinkedIn

ANSWER:	d
RATIONALE:	LinkedIn is a social network for professionals where users can search for jobs, join groups, and communicate with contacts.
POINTS:	1
REFERENCES:	CC 1-17
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4850 - Explain how to prepare for a technology career.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Understand
DATE CREATED:	8/21/2019 1:53 AM
DATE MODIFIED:	8/21/2019 1:55 AM

25. Vanessa recently developed an interest in cloud computing. She dug into a cloud service and taught herself several skills while using the provider's built-in training to challenge herself even more. She's now thinking she might be able to get a promotion and a raise because of all she's learned. What's the fastest way for her to effectively prove to her employer how much she now knows about cloud computing?

  a. Update her resumé

  b. Pass a certification exam

  c. Apply for a job at another company

  d. Go back to school and get a new degree

ANSWER:	b
RATIONALE:	A certification demonstrates a person's knowledge in a specific area to employers and potential employers.
POINTS:	1
REFERENCES:	CC 1-17
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
LEARNING OBJECTIVES:	TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. TECH.CAMP.1.3 - Explain the role of technology in the professional world.
CORPORATE STANDARDS:	4812 - Describe how to earn technology certification.
TOPICS:	Explain the Role of Technology in the Professional World
KEYWORDS:	Bloom's: Apply
DATE CREATED:	8/21/2019 1:56 AM
DATE MODIFIED:	8/21/2019 1:58 AM