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| 1. Which company was the first to develop personal computers?   |  |  |  | | --- | --- | --- | |  | 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 1-2 | | *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 | | *KEYWORDS:* | Bloom's: Remember | | *DATE CREATED:* | 2/5/2019 3:18 PM | | *DATE MODIFIED:* | 8/23/2019 9:09 AM | |

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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 | | *KEYWORDS:* | Bloom's: Apply | | *DATE CREATED:* | 2/5/2019 3:21 PM | | *DATE MODIFIED:* | 8/23/2019 9:12 AM | |

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| 3. Which option lists the computer components in order from oldest to newest?   |  |  |  | | --- | --- | --- | |  | 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 | | *KEYWORDS:* | Bloom's: Understand | | *DATE CREATED:* | 2/5/2019 3:24 PM | | *DATE MODIFIED:* | 8/23/2019 9:13 AM | |

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| 4. All new cars are required to have embedded computers, which make driving safer.   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | False | | *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 | | *DATE CREATED:* | 2/5/2019 3:43 PM | | *DATE MODIFIED:* | 8/23/2019 9:13 AM | |

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| 5. 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 | | *KEYWORDS:* | Bloom's: Apply | | *DATE CREATED:* | 2/5/2019 3:48 PM | | *DATE MODIFIED:* | 8/23/2019 9:14 AM | |

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| 6. Your smartphone can be used to connect to your television or cable service and record a show even if you are not home because both devices are smart 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 1-5 | | *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: Remember | | *DATE CREATED:* | 2/5/2019 3:47 PM | | *DATE MODIFIED:* | 8/23/2019 9:14 AM | |

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| 7. Which of the following is/are true about artificial intelligence?   |  |  |  | | --- | --- | --- | |  | a. | Computers with AI can reach conclusions. | |  | b. | Computers with AI can make decisions. | |  | c. | Computers with AI are trained that “if X happens, then do Y.” | |  | d. | Computers with AI combine information in new ways. |  |  |  | | --- | --- | | *ANSWER:* | a, b, c, d | | *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 Response | | *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 | | *DATE CREATED:* | 2/5/2019 3:53 PM | | *DATE MODIFIED:* | 8/23/2019 9:15 AM | |

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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 | | *DATE CREATED:* | 2/5/2019 3:55 PM | | *DATE MODIFIED:* | 8/23/2019 9:15 AM | |

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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 | | *DATE CREATED:* | 2/5/2019 3:58 PM | | *DATE MODIFIED:* | 8/23/2019 9:16 AM | |

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| 10. When using a GPS app, like Waze or Google Maps, you are using augmented reality.   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | True | | *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:* | 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.1.1.4 - Explore the impact of virtual reality. | | *CORPORATE STANDARDS:* | 5138 - Describe virtual reality. | | *TOPICS:* | Technology in Society | | *KEYWORDS:* | Bloom's: Remember | | *DATE CREATED:* | 2/5/2019 4:03 PM | | *DATE MODIFIED:* | 8/23/2019 9:16 AM | |

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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 | | *DATE CREATED:* | 2/5/2019 4:06 PM | | *DATE MODIFIED:* | 8/23/2019 9:17 AM | |

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| 12. Margot and Tomas have heard how beautiful the Swiss Alps are, but they are afraid to fly. Tomas heard about a program they could use to see the Alps without getting in a plane and traveling there. Explain to him how the program he has heard of works.   |  |  |  | | --- | --- | --- | |  | a. | It uses simulations and 3-D images to enable a sensory experience. | |  | b. | The computer is able to create a real or imagined environment. | |  | c. | It contains infinite space and depth. | |  | d. | It is accessible only on high-speed, filtered Internet sites. |  |  |  | | --- | --- | | *ANSWER:* | a, b, 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 Response | | *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 | | *DATE CREATED:* | 2/5/2019 4:09 PM | | *DATE MODIFIED:* | 8/23/2019 9:17 AM | |

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| 13. Which of the following examples would not use technology?   |  |  |  | | --- | --- | --- | |  | a. | Starting your car while still in the house. | |  | b. | Adjusting your home thermostat while at work. | |  | c. | Ordering dinner on the way home. | |  | d. | Changing the oil in your car. |  |  |  | | --- | --- | | *ANSWER:* | d | | *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 1-9 | | *QUESTION TYPE:* | Multiple Choice | | *HAS VARIABLES:* | False | | *LEARNING OBJECTIVES:* | TECH.CAMP.1 - Analyze the ways in which technology has revolutionized the last quarter century. 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 | | *DATE CREATED:* | 2/5/2019 4:12 PM | | *DATE MODIFIED:* | 8/23/2019 9:18 AM | |

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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 will guess where he wants to go based on the date. | |  | c. | He should choose technology with artificial intelligence that has the ability to predict outcomes and patterns. | |  | d. | He should choose technology that guides him with rules and regulations. |  |  |  | | --- | --- | | *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 | | *DATE CREATED:* | 2/5/2019 4:14 PM | | *DATE MODIFIED:* | 8/23/2019 9:18 AM | |

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| 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 | | *DATE CREATED:* | 2/5/2019 4:19 PM | | *DATE MODIFIED:* | 8/23/2019 9:19 AM | |

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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 | | *DATE MODIFIED:* | 8/23/2019 9:20 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 | | *KEYWORDS:* | Bloom's: Remember | | *DATE CREATED:* | 2/6/2019 12:32 AM | | *DATE MODIFIED:* | 8/23/2019 9:20 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 | | *DATE MODIFIED:* | 8/23/2019 9:21 AM | |

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| 19. How would you modify technology to assist a user with a visual disability?   |  |  |  | | --- | --- | --- | |  | a. | Add alternative text to pictures and drawings. | |  | b. | Make screen readers available. | |  | c. | Create web pages with many colors and graphics. | |  | d. | Provide access to a Braille printer. |  |  |  | | --- | --- | | *ANSWER:* | a, b, d | | *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 Response | | *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:* | 4808 - Improve visual accessibility. | | *TOPICS:* | Develop Personal Uses for Technology | | *KEYWORDS:* | Bloom’s: Understand | | *DATE CREATED:* | 2/6/2019 12:40 AM | | *DATE MODIFIED:* | 8/23/2019 9:21 AM | |

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| 20. Akira has trouble reading what is on the computer screen and sometimes seeing pictures on websites. As her friend, you explain there are technologies available to help her. Describe what technology she might use.   |  |  |  | | --- | --- | --- | |  | a. | Use a screen reader to read aloud webpages and documents. | |  | b. | Turn on closed captioning to display scrolling text for dialogue in videos. | |  | c. | Try a Braille printer to print out what is on the screen. | |  | d. | Enable a graphic organizer to create outline and structures of information. |  |  |  | | --- | --- | | *ANSWER:* | a | | *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:* | 4808 - Improve visual accessibility. | | *TOPICS:* | Develop Personal Uses for Technology | | *KEYWORDS:* | Bloom’s: Apply | | *DATE CREATED:* | 2/6/2019 12:45 AM | | *DATE MODIFIED:* | 8/23/2019 9:22 AM | |

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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. | | *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 | | *DATE CREATED:* | 2/6/2019 12:48 AM | | *DATE MODIFIED:* | 8/23/2019 9:22 AM | |

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| 22. You can avoid electronic waste by replacing devices every time a new version comes out, and recycling devices and products when they no longer provide value.   |  |  |  | | --- | --- | --- | |  | 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 | | *DATE CREATED:* | 2/6/2019 12:51 AM | | *DATE MODIFIED:* | 8/23/2019 9:23 AM | |

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| 23. Which of the following are examples of activities you could practice to become greener with technology?   |  |  |  | | --- | --- | --- | |  | a. | Purchase and use products with an ENERGY STAR label. | |  | b. | Use paperless communication. | |  | c. | Replace devices every time a new version comes out. | |  | d. | Shut down devices overnight or when not in use. |  |  |  | | --- | --- | | *ANSWER:* | a, b, d | | *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 Response | | *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 | | *DATE CREATED:* | 2/6/2019 12:54 AM | | *DATE MODIFIED:* | 8/23/2019 9:24 AM | |

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| 24. You have just been told by your boss that the company needs to reduce its carbon footprint by 10% over the next 2 years. You have one week to put together a plan to present to the full management team. How will you propose the company meet their goal?   |  |  |  | | --- | --- | --- | |  | a. | Buy computers and devices with higher power consumption processors and supplies. | |  | b. | Use outside air to cool the data center or computer facility. | |  | c. | Allow employees to telecommute to save gas and reduce emissions. | |  | d. | Encourage employees to use sleep modes and other power management features for computers and devices. |  |  |  | | --- | --- | | *ANSWER:* | b, c, d | | *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 Response | | *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 | | *DATE CREATED:* | 2/6/2019 12:57 AM | | *DATE MODIFIED:* | 8/23/2019 9:25 AM | |

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| 25. Sofie has strong people skills, listens well, and communicates effectively. Which technology career may be a good fit 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 | |

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| 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. | Technology sales | |  | b. | Help desk support | |  | c. | Service technician | |  | d. | Data scientist |  |  |  | | --- | --- | | *ANSWER:* | a, b, c | | *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 Response | | *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: Apply | | *DATE CREATED:* | 2/6/2019 1:05 AM | | *DATE MODIFIED:* | 8/23/2019 9:26 AM | |

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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 | | *DATE CREATED:* | 2/6/2019 1:08 AM | | *DATE MODIFIED:* | 8/23/2019 9:27 AM | |

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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. 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 | | *DATE CREATED:* | 2/6/2019 1:12 AM | | *DATE MODIFIED:* | 8/23/2019 9:28 AM | |

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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 | | *DATE CREATED:* | 2/6/2019 1:15 AM | | *DATE MODIFIED:* | 8/23/2019 9:29 AM | |

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| 30. Which of the following software applications is considered a collaborative productivity application?   |  |  |  | | --- | --- | --- | |  | a. | Microsoft Word | |  | b. | Google Docs | |  | c. | Adobe Acrobat Reader | |  | d. | Notepad |  |  |  | | --- | --- | | *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 | | *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 | | *DATE MODIFIED:* | 8/23/2019 9:29 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:* | 4647 - Describe how technology is used in classrooms. | | *TOPICS:* | Explain the Role of Technology in the Professional World | | *KEYWORDS:* | Bloom’s: Remember | | *DATE CREATED:* | 2/6/2019 1:23 AM | | *DATE MODIFIED:* | 8/23/2019 9:30 AM | |

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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 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 | | *DATE CREATED:* | 2/6/2019 1:27 AM | | *DATE MODIFIED:* | 8/23/2019 9:30 AM | |

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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:* | 4647 - Describe how technology is used in classrooms. | | *TOPICS:* | Explain the Role of Technology in the Professional World | | *KEYWORDS:* | Bloom’s: Understand | | *DATE CREATED:* | 2/6/2019 1:32 AM | | *DATE MODIFIED:* | 8/23/2019 9:31 AM | |

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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. | |  | 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 | | *DATE CREATED:* | 2/6/2019 1:35 AM | | *DATE MODIFIED:* | 8/23/2019 9:32 AM | |

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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 | | *DATE CREATED:* | 2/6/2019 1:39 AM | | *DATE MODIFIED:* | 8/23/2019 9:33 AM | |

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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 | | *DATE CREATED:* | 2/6/2019 1:42 AM | | *DATE MODIFIED:* | 8/23/2019 9:35 AM | |

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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 | | *KEYWORDS:* | Bloom's: Remember | | *DATE CREATED:* | 2/6/2019 8:20 AM | | *DATE MODIFIED:* | 8/23/2019 9:35 AM | |

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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 | | *DATE CREATED:* | 2/6/2019 8:23 AM | | *DATE MODIFIED:* | 8/23/2019 9:36 AM | |

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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 | | *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 | | *DATE CREATED:* | 2/6/2019 8:26 AM | | *DATE MODIFIED:* | 8/23/2019 9:37 AM | |

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| 40. What are the benefits of pairing robots with human workers in manufacturing?   |  |  |  | | --- | --- | --- | |  | a. | Quality is improved. | |  | b. | Work is streamlined. | |  | c. | Cost efficiency is achieved. | |  | d. | Competitiveness is earned. |  |  |  | | --- | --- | | *ANSWER:* | a, c, d | | *RATIONALE:* | ​  Pairing robotic systems with human workers improves quality, cost efficiency, and competitiveness. | | *POINTS:* | 1 | | *REFERENCES:* | CC 1-14 | | *QUESTION TYPE:* | Multiple Response | | *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 | | *DATE CREATED:* | 2/6/2019 8:28 AM | | *DATE MODIFIED:* | 8/23/2019 9:37 AM | |

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| 41. What types of activities might a company use robots to complete to improve efficiency?   |  |  |  | | --- | --- | --- | |  | 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 | | *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 | | *DATE CREATED:* | 2/6/2019 8:31 AM | | *DATE MODIFIED:* | 8/23/2019 9:38 AM | |

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| 42.  How do you think Amazon, Target, and other online retailers are able to process orders so quickly?   |  |  |  | | --- | --- | --- | |  | a. | They use scan codes on packages and containers. | |  | b. | They use computer-aided manufacturing. | |  | c. | They store documents in the cloud for easy retrieval. | |  | d. | They have a learning management system that tracks all work. |  |  |  | | --- | --- | | *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 | | *DATE CREATED:* | 2/6/2019 8:33 AM | | *DATE MODIFIED:* | 8/23/2019 9:39 AM | |

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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 |  |  |  | | --- | --- | | *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 | | *DATE CREATED:* | 2/6/2019 8:36 AM | | *DATE MODIFIED:* | 8/23/2019 9:40 AM | |

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| 44. Ebooks are not interactive and only work during the semester that the course is offered.   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | False | | *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 1-13 | | *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.1.3.7 - 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: Remember | | *DATE CREATED:* | 2/6/2019 8:38 AM | | *DATE MODIFIED:* | 8/23/2019 9:41 AM | |

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| 45. Dave and Pietro are both active in the National Guard and half way through the semester received their orders to report to duty. How could 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 | | *DATE MODIFIED:* | 8/23/2019 9:41 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:* | 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:* | 2/6/2019 8:46 AM | | *DATE MODIFIED:* | 8/23/2019 9:42 AM | |

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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:* | 4850 - Explain how to prepare for a technology career. | | *TOPICS:* | Explain the Role of Technology in the Professional World | | *KEYWORDS:* | Bloom's: Apply | | *DATE CREATED:* | 2/6/2019 8:49 AM | | *DATE MODIFIED:* | 8/23/2019 9:42 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. 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 | | *DATE MODIFIED:* | 8/23/2019 9:43 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 | | *DATE MODIFIED:* | 8/23/2019 9:44 AM | |

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| 50. Which of the following would be an example of an embedded computer?   |  |  |  | | --- | --- | --- | |  | a. | An oven that you set to turn on at a certain time, so it is hot when you need it for cooking dinner. | |  | b. | A sprinkler system that detects the amount of moisture in the soil, so it knows when to come on and for how long. | |  | c. | A thermostat that you manually adjust the temperature on throughout the day. | |  | d. | A voice assistant that listens to you and keeps track of your grocery list, your to-do’s, and turns off the lights. |  |  |  | | --- | --- | | *ANSWER:* | a, b, d | | *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 Response | | *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 | | *KEYWORDS:* | Bloom's: Apply | | *DATE CREATED:* | 2/6/2019 9:49 AM | | *DATE MODIFIED:* | 8/23/2019 9:45 AM | |

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| 51. Which of the following statements are true about computers with artificial intelligence (AI)?   |  |  |  | | --- | --- | --- | |  | a. | AI makes decisions based on patterns found in data. | |  | b. | Simulations made in virtual reality can make you feel like you are in Venice, Italy while you are in Venice, California. | |  | c. | AI can reach conclusions by remembering previous choices and consequences. | |  | d. | AI can combine information in new ways allowing options to be explored before actually tried. |  |  |  | | --- | --- | | *ANSWER:* | a, b, c, d | | *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 1-6 | | *QUESTION TYPE:* | Multiple Response | | *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: Understand | | *DATE CREATED:* | 2/6/2019 9:52 AM | | *DATE MODIFIED:* | 8/23/2019 9:46 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. | | *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 | |

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| 53. Most people only utilize technology at work.   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | False | | *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 1-9 | | *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:* | 5088 - Use smart home appliances. | | *TOPICS:* | Develop Personal Uses for Technology | | *KEYWORDS:* | Bloom's: Remember | | *DATE CREATED:* | 2/6/2019 9:56 AM | | *DATE MODIFIED:* | 8/23/2019 10:09 AM | |

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| 54. How are the ways you learn and the ways AI learn similar?   |  |  |  | | --- | --- | --- | |  | a. | Both uses 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. TECH.CAMP.1.2 - Develop personal uses for technology to help with productivity, learning, and future career growth. | | *CORPORATE STANDARDS:* | 5120 - Use robotics. | | *TOPICS:* | Develop Personal Uses for Technology | | *KEYWORDS:* | Bloom's: Understand | | *DATE CREATED:* | 2/6/2019 9:58 AM | | *DATE MODIFIED:* | 8/23/2019 10:10 AM | |

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| 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:* | b | | *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:* | 8/23/2019 10:11 AM | |

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| 56. Which one of the following would be considered green computing?   |  |  |  | | --- | --- | --- | |  | a. | Purchasing products with an Energy Star Label | |  | b. | Leaving equipment on when not in use | |  | c. | Replacing devices as soon as a new version comes out | |  | d. | Driving to work instead of telecommuting |  |  |  | | --- | --- | | *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 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. | | *CORPORATE STANDARDS:* | 4643 - Define green computing. | | *TOPICS:* | Develop Personal Uses for Technology | | *KEYWORDS:* | Bloom's: Understand | | *DATE CREATED:* | 2/6/2019 10:03 AM | | *DATE MODIFIED:* | 8/23/2019 10:12 AM | |

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| 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 | |

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| 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 | |

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| 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:* | 4647 - Describe how technology is used in classrooms. | | *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 | |

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| 60. The local community college want 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 | |  | 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. | | *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:* | 8/23/2019 10:14 AM | |

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| 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:* | 4850 - Explain how to prepare for a technology career. | | *TOPICS:* | Explain the Role of Technology in the Professional World | | *KEYWORDS:* | Bloom's: Apply | | *DATE CREATED:* | 2/6/2019 10:14 AM | | *DATE MODIFIED:* | 8/23/2019 10:14 AM | |

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| 62. You have just learned about a new company coming to your town.  You get excited about possible new job opportunities, but the company never advertises for employees.  You research the company and learn that they do most of their manufacturing using computers and not humans.  How do you explain to others what a computer-aided manufacturing (CAM) company is?   |  |  |  | | --- | --- | --- | |  | a. | They are able to streamline production and ship quickly. | |  | b. | They use robots to perform work that is too dangerous. | |  | c. | They are unable to customize products. | |  | d. | They have workers for the monotonous jobs. |  |  |  | | --- | --- | | *ANSWER:* | a, b | | *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 Response | | *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:* | 2/6/2019 10:16 AM | | *DATE MODIFIED:* | 8/23/2019 10:15 AM | |

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| 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 | | *DATE CREATED:* | 2/6/2019 10:18 AM | | *DATE MODIFIED:* | 8/23/2019 10:15 AM | |

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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 | |