File: Chapter 01 Introduction

True-False Questions

[QUESTION]
1. Individuals who possess digital literacy have a broad understanding of computer and information technology.
Answer: T
Learning Outcome: 01-01 Explain a variety of ways in which technology is used in today's world.
Blooms: Remember
Topic: Technology Is Everywhere
Difficulty: 2 Medium

[QUESTION]
2. UNIVAC, the first programmable electronic computer, was used by the British during World War II to help crack many coded messages being sent to the German army.
Answer: F
Learning Outcome: 01-01 Explain a variety of ways in which technology is used in today's world.
Blooms: Remember
Topic: Technology Is Everywhere
Difficulty: 3 Hard

[QUESTION]
3. Input can take a variety of forms, such as the text you type with your keyboard or a variety of finger movements on the touchscreen of a mobile device.
Answer: T
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 1 Easy

[QUESTION]
4. Wi-Fi is the current standard for wireless networks and Internet connectivity.
Answer: T
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 1 Easy

[QUESTION]
5. Friends, family, and co-workers often connect with each other and share thoughts by using cloud computing.
Answer: F
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember

Topic: Basic Terms in Computing
Difficulty: 2 Medium

[QUESTION]
6. Laptop computers possess a folding monitor that can rest flat against an area containing the keyboard and other hardware components.
Answer: T
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 1 Easy

[QUESTION]
7. Netbooks are designed for budget shoppers who will use the computer primarily for browsing the Web and basic office tasks, such as creating documents.
Answer: T
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 1 Easy

[QUESTION]
8. Mainframe computers, which are the largest and most powerful computers in the world, are ideal for handling large and highly complex problems that require extreme calculating power.
Answer: F
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 2 Medium

[QUESTION]
9. Although e-books are affordable, their adoption has been limited by the lack of photo support and the fact that they can be opened only by e-book readers.
Answer: F
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 2 Medium

[QUESTION]
10. Today's gaming consoles are complete entertainment systems, offering Internet connectivity, movie rentals, photo storage, and many other services in addition to video games.
Answer: T
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 1 Easy

[QUESTION]
11. If you are not ready to replace your current television, there are a variety of streaming players that can add many ''smart'' features to almost any TV.
Answer: T
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 2 Medium

[QUESTION]
12. Google transformed the smartphone market with the release of their revolutionary Nexus in 2007.
Answer: F
Learning Outcome: 01-04 Identify a variety of mobile and wearable technology.
Blooms: Remember
Topic: Mobile Devices
Difficulty: 2 Medium

[QUESTION]
13. The term "phablet" is used to refer to large smartphones whose size falls somewhere between a traditional smartphone and a 7-inch tablet.
Answer: T
Learning Outcome: 01-04 Identify a variety of mobile and wearable technology.
Blooms: Remember
Topic: Mobile Devices
Difficulty: 1 Easy

[QUESTION]
14. Some watches can display useful alerts and incoming messages from your smartphone.
Answer: T
Learning Outcome: 01-04 Identify a variety of mobile and wearable technology.
Blooms: Remember
Topic: Mobile Devices
Difficulty: 1 Easy

[QUESTION]
15. Although it can be dangerous to use mobile devices when driving a car, state governments have yet to enact any laws restricting this behavior.
Answer: F
Learning Outcome: 01-05 Discuss the benefits of hands-free computing.
Blooms: Remember
Topic: Hands-Free Computing
Difficulty: 2 Medium

[QUESTION]
16. It is possible to purchase a waterproof case for your mobile device.
Answer: T
Learning Outcome: 01-06 Discuss safe and courteous mobile computing practices.
Blooms: Remember

Topic: Safety and Courtesy
Difficulty: 1 Easy

[QUESTION]
17. MMS allows you to send text messages of 160 characters to any other cell phone user, while the more versatile SMS allows you to attach a variety of media such as photos and short videos.
Answer: F
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 1 Easy

[QUESTION]
18. There are various apps that allow you to send messages to other users using your Internet connection and not your text messaging plan.
Answer: T
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 1 Easy

[QUESTION]
19. iMessage is exclusive to users of Apple's computers and mobile devices.
Answer: T
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 1 Easy

[QUESTION]
20. Vine allows users to send messages, photos, and videos to other individuals that are deleted within seconds of receipt.
Answer: F
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 2 Medium

[QUESTION]
21. Although high quality movies can easily be streamed in homes, the slower speed of mobile networks creates a poor viewing experience for streamed movies.
Answer: F
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.

Blooms: Remember
Topic: Computing in New Ways
Difficulty: 2 Medium

[QUESTION]
22. For watching TV episodes right after they are broadcast, Netflix is a better choice than Hulu.
Answer: F
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 1 Easy

[QUESTION]
23. The sensors inside many mobile devices allow various apps to track your activity, such as counting the number of steps you take per day.
Answer: T
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 1 Easy

[QUESTION]
24. Some apps have the ability to monitor your sleep by using the sensors inside your device to measure how often you snore and move around.
Answer: T
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 1 Easy

[QUESTION]
25. Services such as Google Translate can convert your typed or spoken words into almost any foreign language.
Answer: T
Learning Outcome: 01-08 Describe the benefits of using mobile cloud services.
Blooms: Remember
Topic: Mobile Cloud Services
Difficulty: 1 Easy

Multiple Choice Questions

[QUESTION]
26. Which of the following is NOT one of the ways in which technology is used in a typical home?
A. Communication
B. Process control

C. Schoolwork

D. Entertainment

Answer: B

Learning Outcome: 01-01 Explain a variety of ways in which technology is used in today's world.

Blooms: Remember

Topic: Technology Is Everywhere

Difficulty: 1 Easy

[QUESTION]

27. Which of the following refers to the ability of a computer to perform a variety of actions based on instructions from the user or a program?

A. Input

B. Processing

C. Output

D. Storage

Answer: B

Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.

Blooms: Remember

Topic: Basic Terms in Computing

Difficulty: 1 Easy

[QUESTION]

28. Which of the following refers to the processed results that a computer sends out to you?

A. Input

B. Processing

C. Output

D. Storage

Answer: C

Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.

Blooms: Remember

Topic: Basic Terms in Computing

Difficulty: 1 Easy

[QUESTION]

29. The physical devices that make up a computer system are called:

A. hardware

B. software

C. NFC

D. data

Answer: A

Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.

Blooms: Remember

Topic: Basic Terms in Computing

Difficulty: 1 Easy

[QUESTION]
30. The set of instructions that directs the computer to perform a variety of tasks is known as a(n):
A. embedded system
B. MMS
C. LBS
D. computer program
Answer: D
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 2 Medium

[QUESTION]
31. _____ consist(s) of individual facts or pieces of information.
A. Hardware
B. Software
C. NFC
D. Data
Answer: D
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 1 Easy

[QUESTION]
32. The pages in the _____ can contain a seemingly unlimited variety of information, from news and sports to updates from your family and social circle.
A. World Wide Web
B. cloud
C. LBS
D. information processing cycle
Answer: A
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 1 Easy

[QUESTION]
33. Which of the following technologies allows you to store your files and use various applications in an online account?
A. Augmented reality
B. Cloud computing
C. Bluetooth
D. Streaming media
Answer: B

Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 2 Medium

[QUESTION]
34. _____, such as Windows or Mac OS, exist primarily to help the computer run and manage its resources.
A. Cloud drives
B. Processors
C. Operating systems
D. Networks
Answer: C
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 2 Medium

[QUESTION]
35. In the simplest terms, a(n) _____ is a device that accepts input, processes data, and can output or store the result of its actions.
A. network
B. cloud
C. LBS
D. computer
Answer: D
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 1 Easy

[QUESTION]
36. _____ is the ability of a computer to hold or remember the information it processes.
A. Input
B. Output
C. Storage
D. Data
Answer: C
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 1 Easy

[QUESTION]

37. The term _____ refers to one or more computer programs that are packaged together for a unified purpose.
A. hardware
B. software
C. data
D. information
Answer: B
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 1 Easy

[QUESTION]
38. A(n) _____ allows users to communicate and share information between computers.
A. network
B. information processing cycle
C. streaming player
D. NFC
Answer: A
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 1 Easy

[QUESTION]
39. Many computers are now being connected via _____ networks, whereby communication takes place using radio waves.
A. augmented
B. personal
C. multimedia
D. wireless
Answer: D
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 1 Easy

[QUESTION]
40. The largest network in the world is known as the _____, which connects billions of people and organizations throughout the world.
A. World Wide Web
B. Internet
C. cloud
D. Wi-Fi
Answer: B

[QUESTION]
41. _____ allows messages to be sent to electronic mailboxes in an instant.
A. Email
B. NFC
C. Cloud computing
D. Real-time information
Answer: A
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 1 Easy

[QUESTION]
42. Which category of computer is generally meant to be used by only one person at a time?
A. Supercomputer
B. Blade server
C. Mainframe computer
D. Personal computer
Answer: D
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 1 Easy

[QUESTION]
43. Which types of computers have all of the hardware integrated with the monitor?
A. Supercomputers
B. Mainframe computers
C. All-in-one computers
D. Embedded systems
Answer: C
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 1 Easy

[QUESTION]
44. _____ computers are thin, lightweight laptops that possess strong processing power.
A. Embedded
B. Blade
C. Netbook

D. Ultraportable
Answer: D
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 1 Easy

[QUESTION]
45. Which laptops allow users to swivel or detach the touchscreen monitor?
A. All-in-one
B. Convertible
C. Netbooks
D. Augmented
Answer: B
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 1 Easy

[QUESTION]
46. Which of the following is NOT a type of multi-user computer?
A. Network server
B. Embedded system
C. Mainframe computer
D. Supercomputer
Answer: B
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 1 Easy

[QUESTION]
47. In order to save space, some large, multi-user environments use thin units called _____ servers which can slide in and out of a rack that holds many of its companion servers.
A. phablet
B. embedded
C. mainframe
D. blade
Answer: D
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 2 Medium

[QUESTION]
48. NASA uses _____ to conduct complex modeling and simulations for upcoming missions.
A. all-in-one computers
B. network servers

C. mainframe computers

D. supercomputers

Answer: D

Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.

Blooms: Remember

Topic: Categories of Computers

Difficulty: 2 Medium

[QUESTION]

49. _____ are limited computers because they are placed inside devices which require specific computing functions.

A. All-in-one computers

B. Embedded systems

C. Mainframe computers

D. Chromebooks

Answer: B

Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.

Blooms: Remember

Topic: Categories of Computers

Difficulty: 2 Medium

[QUESTION]

50. Which low-cost devices feature crisp text that is capable of being read in even the brightest outdoor conditions?

A. E-book readers

B. Chromebooks

C. Phablets

D. Convertible laptops

Answer: A

Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.

Blooms: Remember

Topic: Categories of Computers

Difficulty: 1 Easy

[QUESTION]

51. Which types of TVs allow you to connect to a variety of online services such as Netflix, Amazon, and Pandora?

A. eTV

B. Virtual

C. Smart

D. Augmented

Answer: C

Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.

Blooms: Remember

Topic: Categories of Computers

Difficulty: 1 Easy

[QUESTION]

52. Which of the following is a streaming player for your TV that can use your home's wireless network to connect with online services such as Netflix and Pandora?
A. Roku
B. Glass
C. OnLive
D. Spotify
Answer: A
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 2 Medium

[QUESTION]
53. Which of the following is an example of an ultraportable computer?
A. MacBook Air
B. Apple iPad
C. Google Nexus 10
D. Samsung Galaxy Note
Answer: A
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 2 Medium

[QUESTION]
54. Which of the following is NOT a gaming console?
A. PS4
B. Xbox
C. Square
D. Wii
Answer: C
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 2 Medium

[QUESTION]
55. Which of the following is a popular brand of e-book readers?
A. Note
B. Kindle
C. Roku
D. Nexus
Answer: B
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 2 Medium

[QUESTION]
56. The computer that has been traditionally found on the desks in many offices and homes is the
_____ computer.
A. mainframe
B. blade
C. desktop
D. embedded
Answer: C
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 1 Easy

[QUESTION]
57. _____ are lightweight laptops that run Google's Chrome operating system.
A. Phablets
B. MacBooks
C. Convertible laptops
D. Chromebooks
Answer: D
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 1 Easy

[QUESTION]
58. A network _____ is a powerful computer with special software and equipment that enables it to
function as the primary computer in a network.
A. server
B. console
C. client
D. LBS
Answer: A
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 2 Medium

[QUESTION]
59. We are currently seeing an increase in home _____, where many household activities are being
automated or controlled from a distance.
A. automation
B. virtualization
C. streaming
D. networking
Answer: A
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember

Topic: Categories of Computers
Difficulty: 2 Medium

[QUESTION]
60. Which of the following is NOT one of the features that are found on practically all mobile devices?
A. Wireless connectivity
B. Fingerprint scanner
C. Camera
D. Microphone
Answer: B
Learning Outcome: 01-04 Identify a variety of mobile and wearable technology.
Blooms: Remember
Topic: Mobile Devices
Difficulty: 2 Medium

[QUESTION]
61. A _____ is a mobile device that typically ranges from seven to ten inches in size.
A. smartphone
B. tablet
C. blade
D. Chromebook
Answer: B
Learning Outcome: 01-04 Identify a variety of mobile and wearable technology.
Blooms: Remember
Topic: Mobile Devices
Difficulty: 1 Easy

[QUESTION]
62. A(n) _____ is a combination of mobile phone and handheld computer.
A. smartphone
B. tablet
C. ultraportable computer
D. cloud computer
Answer: A
Learning Outcome: 01-04 Identify a variety of mobile and wearable technology.
Blooms: Remember
Topic: Mobile Devices
Difficulty: 1 Easy

[QUESTION]
63. Which of the following refers to special eyeglasses from Google that provide the user with visual information directly in front of their right eye?
A. Fitbit Flex
B. Roku
C. Nook
D. Glass
Answer: D
Learning Outcome: 01-04 Identify a variety of mobile and wearable technology.

Blooms: Remember
Topic: Mobile Devices
Difficulty: 2 Medium

[QUESTION]
64. In _____ reality, the real-world is supplemented with computer-generated information.
A. digital
B. virtual
C. smart
D. augmented
Answer: D
Learning Outcome: 01-04 Identify a variety of mobile and wearable technology.
Blooms: Remember
Topic: Mobile Devices
Difficulty: 2 Medium

[QUESTION]
65. Many mobile devices contain a(n) _____ and gyroscope that can sense even the smallest movements.
A. scanner
B. LBS
C. GPS
D. accelerometer
Answer: D
Learning Outcome: 01-04 Identify a variety of mobile and wearable technology.
Blooms: Remember
Topic: Mobile Devices
Difficulty: 3 Hard

[QUESTION]
66. Which of the following is a popular tablet computer?
A. Flex
B. Lumia 1020
C. Nexus 5
D. iPad
Answer: D
Learning Outcome: 01-04 Identify a variety of mobile and wearable technology.
Blooms: Remember
Topic: Mobile Devices
Difficulty: 1 Easy

[QUESTION]
67. _____ devices are lightweight, handheld computers that offer a variety of software and communication services for mobile users.
A. Smart
B. Embedded
C. Mobile
D. Multimedia

Answer: C
Learning Outcome: 01-04 Identify a variety of mobile and wearable technology.
Blooms: Remember
Topic: Mobile Devices
Difficulty: 1 Easy

[QUESTION]
68. _____ technology refers to computing devices that are worn on various parts of the body.
A. Personal
B. Hands-free
C. Augmented
D. Wearable
Answer: D
Learning Outcome: 01-04 Identify a variety of mobile and wearable technology.
Blooms: Remember
Topic: Mobile Devices
Difficulty: 1 Easy

[QUESTION]
69. Which of the following is a short-range wireless technology that can connect your smartphone with a wireless headset worn on the ear or the hands-free systems in some cars?
A. Wi-Fi
B. Bluetooth
C. LBS
D. Mainframe
Answer: B
Learning Outcome: 01-05 Discuss the benefits of hands-free computing.
Blooms: Remember
Topic: Hands-Free Computing
Difficulty: 1 Easy

[QUESTION]
70. Apple's _____ and Google's Voice Search are two products that respond to a variety of voice commands on mobile devices.
A. iVoice
B. Siri
C. Air
D. iMac
Answer: B
Learning Outcome: 01-05 Discuss the benefits of hands-free computing.
Blooms: Remember
Topic: Hands-Free Computing
Difficulty: 2 Medium

[QUESTION]
71. The ability to communicate with a device without using your hands is known as _____ computing.
A. augmented

B. hands-free
C. cloud
D. wearable
Answer: B
Learning Outcome: 01-05 Discuss the benefits of hands-free computing.
Blooms: Remember
Topic: Hands-Free Computing
Difficulty: 1 Easy

[QUESTION]
72. _____ screens, which are the start screens of mobile devices, allow users to enter a password, PIN, or other security measure in order to access the device.
A. Initial
B. Default
C. Lock
D. Input
Answer: C
Learning Outcome: 01-06 Discuss safe and courteous mobile computing practices.
Blooms: Remember
Topic: Safety and Courtesy
Difficulty: 1 Easy

[QUESTION]
73. Which type of utility or service allows users to completely erase their mobile device if it is lost or stolen?
A. LBS
B. NFC
C. Bluetooth
D. Remote wipe
Answer: D
Learning Outcome: 01-06 Discuss safe and courteous mobile computing practices.
Blooms: Remember
Topic: Safety and Courtesy
Difficulty: 2 Medium

[QUESTION]
74. Which of the following is a feature on your mobile device that allows the Yelp app to provide a list of restaurants that are close to you?
A. Location-based services
B. Real-time information
C. Crowdsourcing
D. MMS
Answer: A
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 2 Medium

[QUESTION]

75. _____ is the gathering of information from a large group of people.

A. LBS

B. Real-time information

C. Crowdsourcing

D. Cloud computing

Answer: C

Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.

Blooms: Remember

Topic: Computing in New Ways

Difficulty: 2 Medium

[QUESTION]

76. Using a wireless technology known as _____, many smartphones can now be tapped on special payment devices to complete your purchase at select stores.

A. Wi-Fi

B. NFC

C. Bluetooth

D. SMS

Answer: B

Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.

Blooms: Remember

Topic: Computing in New Ways

Difficulty: 2 Medium

[QUESTION]

77. For those who need to accept credit cards on a continuous basis, devices such as _____ plug into your mobile device and allow customers to swipe their credit card like they would anywhere else.

A. Roku

B. Square

C. Pay

D. Hulu

Answer: B

Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.

Blooms: Remember

Topic: Computing in New Ways

Difficulty: 2 Medium

[QUESTION]

78. Which of the following is NOT an app that allows you to have a live video conversation using your mobile device?

A. Apple FaceTime

B. Skype

C. Vine

D. Google Hangouts
Answer: C
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 2 Medium

[QUESTION]
79. Which of the following apps makes it easy to apply special effects to photos and then share them with your friends/followers?
A. Pandora
B. Hangouts
C. Instagram
D. Square
Answer: C
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 1 Easy

[QUESTION]
80. Which of the following is NOT a "music locker" service that allows you to upload your own music for streaming at a later time?
A. Google Play Music
B. Hulu Plus
C. Apple iCloud
D. Amazon Cloud Drive
Answer: B
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 2 Medium

[QUESTION]
81. Which of the following is a popular service that will play music based on your personal preferences?
A. Hulu
B. Netflix
C. Instagram
D. Pandora
Answer: D
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 1 Easy

[QUESTION]
82. Which of the following services (for a low monthly fee) will allow you to watch as many movies and TV shows as you desire from their large collection?
A. Spotify
B. Netflix
C. YouTube
D. Pandora
Answer: B
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 1 Easy

[QUESTION]
83. Which of the following is the most popular video sharing site, offering millions of different videos that have been uploaded by users?
A. Spotify
B. Netflix
C. YouTube
D. Hulu
Answer: C
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 1 Easy

[QUESTION]
84. Which of the following is a wearable fitness device that is capable of measuring the number of steps taken, distance traveled, and calories burned on a daily basis?
A. Fitbit Flex
B. Google+
C. Scanadu Scout
D. HealthTap
Answer: A
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 2 Medium

[QUESTION]
85. Which of the following devices can measure multiple vital signs with a simple 10-second scan on your forehead and then send those results to your mobile device?
A. Fitbit Flex
B. Spotify

C. Scanadu Scout
D. HealthTap
Answer: C
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 2 Medium

[QUESTION]
86. Mobile devices allow us to access _____ information such as current traffic conditions for our city and live radar images on a weather app.
A. real-time
B. crowdsourced
C. augmented
D. streaming
Answer: A
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 2 Medium

[QUESTION]
87. _____ networking services make it easy for friends and family to share updates and special events with each other.
A. Real-time
B. Crowd
C. Personal
D. Social
Answer: D
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 1 Easy

[QUESTION]
88. _____ media refers to music and movies that are delivered on demand from an online source.
A. Streaming
B. Real-time
C. Social
D. Mobile
Answer: A
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways

Difficulty: 2 Medium

[QUESTION]
89. Instead of delivering songs that you are likely to enjoy, services such as _____ offer you the ability to play practically any song you want on your mobile device.
A. Netflix
B. Hulu
C. Spotify
D. iHeartRadio
Answer: C
Learning Outcome: 01-07 Describe the various advances in mobile technology, such as real-time information and mobile payments.
Blooms: Remember
Topic: Computing in New Ways
Difficulty: 3 Hard

[QUESTION]
90. Which of the following is NOT a cloud storage service?
A. Skype
B. Dropbox
C. Google Drive
D. Microsoft OneDrive
Answer: A
Learning Outcome: 01-08 Describe the benefits of using mobile cloud services.
Blooms: Remember
Topic: Mobile Cloud Services
Difficulty: 2 Medium

[QUESTION]
91. Which of the following apps would you use if you wanted to create and share a grocery list with your family?
A. Evernote
B. Amazon Cloud Drive
C. Hulu Plus
D. Microsoft Access
Answer: A
Learning Outcome: 01-08 Describe the benefits of using mobile cloud services.
Blooms: Remember
Topic: Mobile Cloud Services
Difficulty: 2 Medium

[QUESTION]
92. Which of the following apps would you use if you were travelling to a country where they did not speak your language?
A. Jefit
B. Scanadu Scout
C. OnLive
D. Google Translate

Answer: D
Learning Outcome: 01-08 Describe the benefits of using mobile cloud services.
Blooms: Remember
Topic: Mobile Cloud Services
Difficulty: 1 Easy

[QUESTION]
93. Which of the following apps can identify almost anything you take a photo of, from a piece of art to the barcode on a product?
A. Instagram
B. Scanadu Scout
C. Google Goggles
D. Apple iScan
Answer: C
Learning Outcome: 01-08 Describe the benefits of using mobile cloud services.
Blooms: Remember
Topic: Mobile Cloud Services
Difficulty: 2 Medium

[QUESTION]
94. With _____ storage services, your files can be stored online and accessed from any Internet-connected device.
A. augmented
B. cloud
C. multimedia
D. mobile
Answer: B
Learning Outcome: 01-08 Describe the benefits of using mobile cloud services.
Blooms: Remember
Topic: Mobile Cloud Services
Difficulty: 1 Easy

[QUESTION]
95. Cloud _____ services allow individuals to view, edit, and share documents, even seeing each other's changes in real time.
A. collaboration
B. crowdsourcing
C. location-based
D. streaming
Answer: A
Learning Outcome: 01-08 Describe the benefits of using mobile cloud services.
Blooms: Remember
Topic: Mobile Cloud Services
Difficulty: 2 Medium

Short Answer Questions

[QUESTION]

96. List at least three medical procedures that rely on computers.
Answer: A variety of medical procedures now involve computers, from ultrasound and magnetic resonance imaging (MRI) to laser eye surgery and fetal monitoring. Surgeons now can use robotic surgical devices to perform delicate operations and even to conduct surgeries remotely.
Learning Outcome: 01-01 Explain a variety of ways in which technology is used in today's world.
Blooms: Remember
Topic: Technology Is Everywhere
Difficulty: 3 Hard

[QUESTION]
97. Explain how the police use computers as a crime-fighting aid.
Answer: Today's police cruisers are equipped with laptop computers and wireless Internet connections that enable officers to search through millions of records instantly.
Learning Outcome: 01-01 Explain a variety of ways in which technology is used in today's world.
Blooms: Remember
Topic: Technology Is Everywhere
Difficulty: 3 Hard

[QUESTION]
98. What is the difference between information and data?
Answer: Information describes concepts, facts, and ideas that people find useful. Data are raw materials that we use in the creation of information.
Learning Outcome: 01-02 Define basic terms in computing and technology such as processing, input, output, storage, and networking.
Blooms: Remember
Topic: Basic Terms in Computing
Difficulty: 2 Medium

[QUESTION]
99. What is home automation? What four areas or items in a home can benefit from automation?
Answer: Home automation is where many household activities are being automated or controlled from a distance (often using mobile devices as remote controls). Security, temperature, lighting, and appliances can all be automated.
Learning Outcome: 01-03 Identify the main categories of multi-user and personal computers.
Blooms: Remember
Topic: Categories of Computers
Difficulty: 2 Medium

[QUESTION]
100. List at least four examples of behavior that may be considered rude with respect to mobile computing. In your response, be sure to indicate what the proper behavior would be.
Answer: Phone and voice volume: As a general rule, always put your phone on vibrate mode when in public or in the company of other individuals. When it comes to speaking, be aware of the volume of your voice if using your phone in a public area. Coffee shop: Don't make the coffee shop your new office or study center unless you've been invited to do so. Always be sure to look around and check for those who are standing around, waiting for a table to clear up so that they can enjoy their food and drinks. Messaging while mad: It is psychologically easier to send an angry electronic message than it is to call or yell in someone's face. In order to spare hurt feelings and reduce your risk of losing a friend (or your

job), give yourself a few minutes to think clearly before clicking ''send.'' Dividing attention: Generally speaking, using your mobile device while engaged in a face-to-face interaction signals a lack of interest in the person you are interacting with. Unless you are waiting for an urgent message or phone call, it is best to put your mobile device away during class, meetings, dinners, and many other social situations that demand your undivided attention.

Learning Outcome: 01-06 Discuss safe and courteous mobile computing practices.
Blooms: Remember
Topic: Safety and Courtesy
Difficulty: 3 Hard