

Quiz Submissions - Exam Studying

1 / 1 point

Being _____ means being familiar enough with computers that you understand their capabilities and limitations.

- 1) computer savvy
- 2) technology literate
- 3) computer literate
- 4) computer competent

Question 2

1 / 1 point

Unwanted e-mail is called _____.

- 1) spam
- 2) spyware
- 3) adware
- 4) software

Question 3 1 / 1 point

Which of the following is NOT necessarily part of being computer literate?

- 1) avoiding hackers and viruses
- 2) protecting your privacy
- 3) being able to build a computer
- 4) using the Internet wisely

Question 4

0 / 1 point

_____ is a field of study focused on information handling and retrieval of information automatically.

- 1) Computer forensics
- 2) Database mining
- 3) RFID
- 4) Information technology

Question 5

1 / 1 point

The process of searching huge amounts of data with the hope of finding a pattern is called _____.

- 1) data mining
- 2) data searching
- 3) data warehousing
- 4) data retrieval

Question 6

0 / 1 point

_____ is a wearable device that hangs around your neck consisting of a camera, a projector, and a mirror that can communicate with the Internet over wireless Bluetooth technology.

- 1) FastSCAN
- 2) Data mining
- 3) ESP
- 4) SixthSense

Question 7 1 / 1 point

When a job is sent to other countries, as many programming jobs have been, it is said to have been _____.

- 1) offshored
- 2) resourced
- 3) exported
- 4) imported

Question 8 1 / 1 point

Many online courses are designed to use management software like _____ so that students can communicate outside of class, take quizzes online, and find their class materials easily.

- 1) Blackboard or Moodle
- 2) Microsoft Access
- 3) Adobe Photoshop
- 4) CAD or Visio

Question 9 1 / 1 point

The ability to recover and read deleted or damaged files from a criminal's computer is an example of a law enforcement specialty called _____.

- 1) robotics
- 2) RFID simulation
- 3) computer forensics
- 4) HALO animation

Question 10 0 / 1 point

_____ tags, when placed on a car, can be used to record and track in a database all of the vehicle's movements.

- 1) RFID
- 2) POS
- 3) PPS
- 4) GPS

Question 11 1 / 1 point

The goal of _____ is to provide solutions to physical problems, such as providing sight to the blind.

- 1) 3D animations
- 2) computer forensics
- 3) biomedical chip research
- 4) RFID technology

Question 12 1 / 1 point

One potential application of _____ is to provide sight to the blind.

- 1) RFID tags
- 2) patient simulators
- 3) biomedical chip implants
- 4) VeriChips

Question 13

1 / 1 point

By studying the data produced by _____, scientists hope to improve the prediction of weather phenomena.

- 1) GPS
- 2) simulations
- 3) VeriChips
- 4) PSSs

Question 14

0 / 1 point

_____ computing relates to emotion or deliberately tries to influence emotion.

- 1) Affective
- 2) Personal
- 3) Psychological
- 4) Emotional

Question 15

0 / 1 point

As engineers work to create computers that can understand us emotionally, _____ are also evolving toward a more human appearance.

- 1) affecting computing techniques
- 2) RFIDs
- 3) computer systems
- 4) ESP systems

Question 16

0 / 1 point

The emotional-social prosthesis (ESP) device, developed by a group at the MIT Media Lab, is targeted at helping people who have _____.

- 1) paralysis
- 2) diabetes
- 3) autism
- 4) brain damage

Question 17

0 / 1 point

The difference between people with access to computers and the Internet and those without this access is known as the _____.

- 1) Web divide
- 2) Internet divide
- 3) digital divide
- 4) broadband divide

Question 18

0 / 1 point

The Microsoft Authorized Refurbisher program supports refurbishers by allowing _____ to be installed for free on refurbished systems.

- 1) certain Microsoft operating systems and Office software
- 2) certain gaming software packages
- 3) antivirus software
- 4) specific operating system utilities

Question 19

0 / 1 point

Children who do not have access to _____ and _____ won't be prepared for future employment.

- 1) databases, data mining
- 2) information, data
- 3) television, video games
- 4) the Internet, computers

Question 20

0 / 1 point

_____ is the gathering together of groups of people using online tools to connect and exchange ideas.

- 1) Affective computing
- 2) Social networking
- 3) Information technology
- 4) Collaborative consumption

Question 21

0 / 1 point

A crisis mapping tool such as _____ can collect information to make instantly and publicly available for use in emergencies.

- 1) Google Earth
- 2) Ushahidi
- 3) Data mining
- 4) The Witness Project

Question 22

0 / 1 point

The Witness Project uses the power of video and a grassroots movement to advocate for _____.

- 1) computer literacy
- 2) social networking
- 3) human rights
- 4) responsible citizenship

Question 23

0 / 1 point

The _____ is a strategic plan to focus on the young, talented, mathematical minds of Africa.

- 1) Next Einstein Initiative
- 2) Future Civic Media
- 3) Childhood Walk
- 4) National Research Council

Question 24

0 / 1 point

One proposed answer to close the digital divide is to promote _____ as a means for low-income families to access the Internet.

- 1) affective computing
- 2) Nintendo Wii
- 3) social networking
- 4) mobile devices

Question 25

0 / 1 point

_____ is described as the ability of the world's populace to volunteer and collaborate on large projects.

- 1) Social networking

2) Collaborative consumption

3) Creative surplus

4) Affective computing

Question 26

0 / 1 point

The _____ lets information be created, distributed, and filtered by users themselves in real time.

1) Childhood Walk

2) DYTHR project

3) Virtual Choir

4) Mobile bridge

Question 27

0 / 1 point

A technology named _____ lets any piece of print in the real world host a live link to online information and video content.

1) marketing response codes

2) crowdsourcing consumer checking

3) ShopSavvy scanning barcodes

4) quick response codes

Question 28

0 / 1 point

Joining together as a group to use a specific product more efficiently is called _____.

1) affective computing

2) social networking

3) creative surplus

4) collaborative consumption

Question 29

0 / 1 point

People who are _____ make the Internet a powerful tool and know how to find the information that they want effectively.

1) computer productive

2) computer literate

3) technologically informed

4) computer efficient

Question 30

0 / 1 point

Being computer savvy means you _____.

1) avoid hackers and viruses

2) use the Internet and Web wisely

3) are able to maintain, upgrade, and troubleshoot your computer

4) do all of these

Question 31

0 / 1 point

A University of Michigan study shows that without Internet access at home, teens from low income households are more likely to use their cell phones to go online than their wealthier counterparts.

1) True

2) False

Question 320 / 1 point

You cannot be called computer literate unless you have knowledge of higher level computer skills, such as computer programming.

1) True

2) False

Question 330 / 1 point

Becoming computer literate means knowing which technologies are on the horizon and how to integrate them with your home setup.

1) True

2) False

Question 340 / 1 point

Data mining is the process of searching huge amounts of data with the hope of finding a pattern.

1) True

2) False

Question 350 / 1 point

Data mining is the set of techniques used in information handling and retrieval.

1) True

2) False

Question 360 / 1 point

Hardware refers to the programs that give commands to the computer.

1) True

2) False

Question 370 / 1 point

When a job is sent to other countries, as many programming jobs have been, it is said to have been data mined.

1) True

2) False

Question 380 / 1 point

Computer forensics analyzes computer systems in gathering potential legal evidence.

1) True

2) False

Question 390 / 1 point

Biomedical chip implants are being used to provide sight to the blind.

1) True

2) False

Question 400 / 1 point

Affective computing is a science that attempts to produce machines that understand and can respond to human emotion.

1) True

2) False

Question 410 / 1 point

Being computer literate means being able to separate the real privacy and security risks from things that you don't have to worry about.

1) True

2) False

Question 420 / 1 point

Understanding how to use e-mail effectively is one example of what it means to be computer literate.

- 1) True
- 2) False

Question 430 / 1 point

Affective computing is a field of study focused on managing and processing information and the automatic retrieval of information.

- 1) True
- 2) False

Question 440 / 1 point

A study by the National Research Council concludes that by the year 2030, computers will displace humans in 85 percent of the current occupations.

- 1) True
- 2) False

Question 450 / 1 point

The motivation behind discount cards offered by grocery stores and drugstores is to encourage customers to frequent their stores.

- 1) True
- 2) False

Question 460 / 1 point

Dancers can be wired with light electronic sensors so that their movements can be digitized for computer analysis.

- 1) True
- 2) False

Question 470 / 1 point

Mastery of software programs such as Adobe Illustrator and Corel Painter is essential to creating digital art.

- 1) True
- 2) False

Question 480 / 1 point

Mastering software animation tools, such as Autodesk 3ds Max, will enable you to create compelling new worlds and new characters.

- 1) True
- 2) False

Question 490 / 1 point

Multimedia tours using mobile devices and wireless technology are not common in museums and galleries at this time.

- 1) True
- 2) False

Question 500 / 1 point


The for-profit Khan Academy contains over 2,200 videos, and over 1 million students a month use the site.

- 1) True
- 2) False

Question 510 / 1 point


The menuboard of the Khan Academy shows exactly which topic a student has mastered and where they are failing to progress.

1) True

 2) False

Question 520 / 1 point


The National Center for the Analysis of Violent Crime database enables detectives to analyze information about similarities between crimes.

 1) True

2) False

Question 530 / 1 point

The Microexpression Training Tool software trains law enforcement officials to distinguish true emotion from deception.


 1) True

2) False

Question 540 / 1 point

SixthSense is a wearable device that consists of a camera, projector, and a mirror that can communicate with the Internet over wireless Bluetooth via a computer.

1) True

 2) False

Question 550 / 1 point


Any surface can become an input device using SixthSense.

 1) True

2) False

Question 560 / 1 point

Social networking tools are providing a level of instant connection and instant distribution of information that is reshaping the world.


 1) True

2) False

Question 570 / 1 point

Autonomy is the feeling of confidence and excitement from seeing your own skills progress.


1) True

 2) False

Question 580 / 1 point

Purpose is the freedom to work without constant direction and control.


1) True

 2) False

Question 590 / 1 point

Mastery is the simple understanding that you are working for something larger than yourself.


1) True

 2) False

Question 600 / 1 point

Joanna Blakely of the Norman Lear Center studied the relationship between gender usage and online usage and found that men outnumber women in their use of social networking.

1) True

 2) False

0 / 1 point

_____ displays use organic compounds that produce light when exposed to an electric current.

- 1) LED
- 2) LCD
- 3) OLED
- 4) CRT

Question 62 0 / 1 point

Which of the following is NOT one of the four major data processing functions of a computer?

- 1) gathering data
- 2) processing data into information
- 3) analyzing the data or information
- 4) storing the data or information

Question 63

0 / 1 point

_____ is data that has been organized or presented in a meaningful fashion.

- 1) Information
- 2) A number
- 3) A character
- 4) A symbol

Question 64 0 / 1 point

Computers gather data, which means that they allow users to _____ data.

- 1) present
- 2) input
- 3) output
- 4) store

Question 65 0 / 1 point

The _____ language consists of just two digits: 0 and 1.

- 1) application
- 2) binary
- 3) base 10
- 4) data processing

Question 66 0 / 1 point

After a picture has been taken with a digital camera and processed appropriately, the actual print of the picture is considered _____.

- 1) data
- 2) output
- 3) input
- 4) a process

Question 67 0 / 1 point

_____ binary digits (or bits) combine to create one byte.

- 1) Ten

2) Sixteen

3) Eight

4) Two

Question 68 0 / 1 point

The term "bit" is short for _____.

1) megabyte

2) binary language

3) binary digit

4) binary number

Question 69 0 / 1 point

Computers process data into information by working exclusively with _____.

1) multimedia

2) words

3) characters

4) numbers

Question 70 0 / 1 point

The _____ contains the central electronic components of the computer.

1) motherboard

2) system unit

3) peripheral unit

4) input unit

Question 71 0 / 1 point

_____ is the set of computer programs that enables the hardware to perform different tasks.

1) Hardware

2) Binary data

3) Software

4) Data

Question 72 0 / 1 point

In binary language, each letter of the alphabet, each number, and each special character is made up of a unique combination of _____.

1) eight bytes

2) eight kilobytes

3) eight characters

4) eight bits

Question 73 0 / 1 point

A _____ is approximately 1 billion bytes.

1) kilobyte

2) bit

3) gigabyte

4) megabyte

Question 74 0 / 1 point

A _____ is approximately 1 million bytes.

1) gigabyte

2) kilobyte

3) megabyte

4) terabyte

Question 75 0 / 1 point

_____ software is the set of programs that enables the computer's hardware devices and application software to work together.

1) Utility

2) Binary

3) System

4) Application

Question 76 0 / 1 point

Any computer parts that you can actually touch are considered to be _____.

1) hardware

2) software

3) systems

4) platforms

Question 77 0 / 1 point

_____ computers are specially designed computer chips that reside inside other devices such as your car or the electronic thermostat in your home.

1) Mainframe

2) Desktop

3) Embedded

4) Internal

Question 78 0 / 1 point

All the following are examples of input devices EXCEPT a _____.

1) scanner

2) mouse

3) keyboard

4) printer

Question 79 0 / 1 point

A _____ was the first devices with touch screen capabilities.

1) Tablet PC

2) notebook

3) Pocket PC

4) desktop

Question 80 0 / 1 point

Devices such as monitors and printers that are connected to the computer are called _____.

- 1) processing devices
- 2) system devices
- 3) peripheral devices
- 4) input devices

Question 81 0 / 1 point

A(n) _____ is a device that looks like a skinny pen but has no ink.

- 1) joystick
- 2) e-pen
- 3) pointer
- 4) stylus

Question 82 0 / 1 point

A(n) _____ enables you to enter data (text, images, and sound) and instructions (user responses and commands) into the computer.

- 1) system unit
- 2) output device
- 3) motherboard
- 4) input device

Question 83 0 / 1 point

The _____ is used in combination with other keys to perform shortcuts and special tasks.

- 1) Toggle key
- 2) Function key
- 3) Control (Ctrl) key
- 4) Windows key

Question 84 0 / 1 point

_____ are shortcut keys that you press to perform special tasks; each software application has its own set of tasks assigned to these keys.

- 1) Alt keys
- 2) Function keys
- 3) Control (Ctrl) keys
- 4) Windows keys

Question 85 0 / 1 point

_____ microphones pick up sound from only one direction.

- 1) Magnetically shielded
- 2) Wireless
- 3) Unidirectional
- 4) Omnidirectional

Question 86 0 / 1 point

Monitor screen grids are made up of millions of pixels, with each pixel containing _____ subpixels of colors.

- 1) two

- 2) three
- 3) five
- 4) six

Question 870 / 1 point

The small, touch-sensitive area at the base of the keyboard on a notebook computer is known as a _____.

- 1) stylus
- 2) touch pad
- 3) game control
- 4) trackball

Question 88 0 / 1 point

The term _____ describes computing devices or peripherals that use techniques, parts, and methods from an earlier time that are no longer popular.

- 1) legacy technology
- 2) outdated technology
- 3) outmoded technology
- 4) degraded technology

Question 89 0 / 1 point

_____ printers have tiny hammerlike keys that strike the paper through an inked ribbon.

- 1) Inkjet
- 2) Impact
- 3) Nonimpact
- 4) Laser

Question 90 0 / 1 point

Restarting a computer when it is already powered on is called _____.

- 1) hibernation
- 2) standby mode
- 3) a warm boot
- 4) a cold boot

Question 91 0 / 1 point

Inkjet printers and laser printers are examples of _____ printers.

- 1) nonimpact
- 2) impact
- 3) dot-matrix
- 4) thermal

Question 92 0 / 1 point

The _____, housed inside the system unit, transforms the wall voltage to the voltages required by the computer chips.

- 1) motherboard
- 2) CPU

3) RAM

4) power supply

Question 93 0 / 1 point

Flash drives plug into a(n) _____.

1) USB port

2) serial port

3) expansion slot

4) drive bay

Question 94 0 / 1 point

_____ is a power mode that allows the computer to save an image of the desktop to the hard drive and enter a state of reduced power consumption to save energy.

1) Standby

2) Sleep

3) Hibernate

4) Cool down

Question 95 0 / 1 point

_____ ports are now the most common ports for connecting input and output devices to the computer.

1) Universal serial bus (USB)

2) Serial

3) Parallel

4) FireWire

Question 96 0 / 1 point

The hard drive is a _____ storage device, meaning that it stores data permanently even when the computer is turned off.

1) random

2) volatile

3) temporary

4) nonvolatile

Question 97 0 / 1 point

A(n) _____ is where a peripheral device can attach to a computer so that data can be exchanged between it and the operating system.

1) port

2) drive

3) slot

4) expansion bus

Question 98 0 / 1 point

_____ plug into slots on the motherboard and provide additional functionality for your computer.

1) Ports

2) Expansion cards

3) USB devices

4) Drive bays

Question 99

0 / 1 point

USB ports are fast replacing traditional _____ ports because of their ability to transfer data quickly.

- 1) parallel and serial
- 2) Ethernet and speaker
- 3) video and audio
- 4) monitor and modem

Question 100

0 / 1 point

_____ are a form of permanent storage that can be seen and accessed from outside the system unit and are typically used for CD and DVD drives.

- 1) Jump drives
- 2) Flash drives
- 3) External drive bays
- 4) Hard drives

Question 101

0 / 1 point

The S-video and the _____ ports on a computer facilitate connecting the computer to multimedia devices such as TVs and DVD players.

- 1) AVI
- 2) DVI
- 3) USB
- 4) parallel

Question 102 0 / 1 point

A _____ enables your computer to connect to other computers or to the Internet.

- 1) video card
- 2) network interface card (NIC)
- 3) sound card
- 4) controller card

Question 103

0 / 1 point

_____ is the place in a computer where the programs and data the computer is currently using are stored.

- 1) RAM
- 2) ROM
- 3) The CPU
- 4) The power supply

Question 104

0 / 1 point

Large, expensive computers that support hundreds of users simultaneously are called _____.

- 1) supercomputers
- 2) maxicomputers
- 3) mainframes
- 4) powercomputers

Question 105

0 / 1 point

_____ is a form of permanent memory that holds all the instructions the computer needs to start up.

- 1) RAM
- ➡ 2) ROM
- 3) The CPU
- 4) The NIC

Question 106 0 / 1 point

New technologies pushing the boundaries of printing include _____.

- 1) cloud printing
- 2) inkless printing
- 3) 3D printing
- ➡ 4) all of these

Question 107 0 / 1 point

_____ is the applied science concerned with designing and arranging things that people use so that the people and things interact most efficiently and safely.

- ➡ 1) Ergonomics
- 2) Positioning
- 3) Occupational safety
- 4) Repetitive strain prevention

Question 108 0 / 1 point

RAM is considered volatile storage, which means it is _____.

- 1) permanent
- 2) random
- 3) read-only
- ➡ 4) temporary

Question 109 0 / 1 point

The four main functions of a computer are inputting data, processing data, outputting the data or information, and communicating the data or information.

- 1) True
- ➡ 2) False

Question 1100 / 1 point

The operating system provides the means for users to interact with a computer.

- ➡ 1) True
- 2) False

Question 1110 / 1 point

An alternative to the QWERTY keyboard is the virtual keyboard.

- 1) True
- ➡ 2) False

Question 1120 / 1 point

Some keyboards allow you to program a series of tasks and associate that series of tasks with a specific keystroke.


- ➡ 1) True

2) False

Question 1130 / 1 point


One bit is equal to eight bytes.

1) True

 2) False

Question 1140 / 1 point

Thermal printers are specialty printers that melt wax-based ink onto ordinary paper or burn dots onto specially coated paper.


 1) True

2) False

Question 1150 / 1 point


When performing data entry, you cannot use the numeric keypad on your keyboard to enter numeric values.

1) True

 2) False

Question 1160 / 1 point


The Windows key on a keyboard is specific to the Windows operating system.

 1) True

2) False

Question 1170 / 1 point

On a keyboard, Num Lock and Caps Lock are both toggle keys.


 1) True

2) False

Question 1180 / 1 point


Light-emitting diode technology uses organic compounds that produce light when exposed to an electric current.

1) True

 2) False

Question 1190 / 1 point


When toggled off, the Insert key replaces or overwrites existing characters with new characters as you type.

 1) True

2) False

Question 1200 / 1 point


Computer users who have repetitive strain injuries to a Dvorak keyboard layout.

 1) True

2) False

Question 1210 / 1 point


Modern printers feature Bluetooth connectivity technology.

 1) True

2) False

Question 1220 / 1 point

An expansion hub allows you to provide new, external ports to your computer.

 1) True

2) False

Question 1230 / 1 point

The central processing unit controls all the functions performed by the computer's other components and processes all the commands issued to it by software instructions.

- 1) True
- 2) False

Question 1240 / 1 point

Mainframes are used in situations where complex models requiring intensive mathematical calculations are needed.

- 1) True
- 2) False

Question 1250 / 1 point

Digital cameras, camcorders, and webcams are common devices for capturing pictures and video and are all considered output devices.

- 1) True
- 2) False

Question 1260 / 1 point

When using Windows 7 power management tools, you really only need to shut down your computer when you need to repair the system, install hardware, or move the system.

- 1) True
- 2) False

Question 1270 / 1 point

Restarting the computer while it's powered on is called a cold boot.

- 1) True
- 2) False

Question 1280 / 1 point

Embedded computers have their own programming. They typically do not receive input from you, nor do they interact with other systems.

- 1) True
- 2) False

Question 1290 / 1 point

Brightness determines how lighter colors appear on the display.

- 1) True
- 2) False

Question 1300 / 1 point

Speakers connect to the VGA port.

- 1) True
- 2) False

Question 1310 / 1 point

External hard drives are often used to back up data that is contained on the internal hard drive.

- 1) True
- 2) False

Question 1320 / 1 point

USB ports are causing serial and parallel ports to become legacy technology.

- 1) True

2) False

Question 1330 / 1 point

Serial ports and parallel ports have long been used to connect input and output devices to the computer.

- 1) True
- 2) False

Question 1340 / 1 point

LED displays run longer on a single battery charge than do OLEDs.

- 1) True
- 2) False

Chapter_03

0 / 1 point

The concept of the Internet developed from _____.

- 1) the need for electronic mail
- 2) the desire to create portable music
- 3) the Cold War crisis
- 4) the need to digitize both audio and video

Question 136

0 / 1 point

The Internet is _____.

- 1) an internal communication system for a business
- 2) a communication system for the U.S. government
- 3) the same as the Web
- 4) a large network of networks

Question 137

0 / 1 point

The agency that first began funding the Internet was called the _____.

- 1) Advanced Research Projects Agency Network
- 2) Advanced Research Computing Agency
- 3) National Science Foundation
- 4) Science Research Projects Agency

Question 138

0 / 1 point

The World Wide Web was invented by _____.

- 1) Microsoft
- 2) Apple
- 3) Tim Berners-Lee at CERN
- 4) the same people who invented the Internet

Question 139

0 / 1 point

The Internet backbone refers to _____.

- 1) a set of numbers comprising an Internet address
- 2) the main pathway of high-speed communications lines through which all Internet traffic flows
- 3) the software that operates a Web server
- 4) a broadband Internet connection

Question 140

0 / 1 point

Facebook and MySpace are considered to be _____.

- 1) phishing Web sites
- 2) e-commerce Web sites
- 3) business-to-business Web sites
- 4) social networking Web sites

Question 141

0 / 1 point

Instant messaging (IM) services are programs that enable you to _____.

- 1) broadcast over the Internet using compressed audio files such as MP3s
- 2) post journal entries on the Web
- 3) communicate in real time with others who are online
- 4) send, receive, and edit files

Question 142

0 / 1 point

You can keep track of IM contacts by using a _____.

- 1) buddy list
- 2) people finder
- 3) search engine
- 4) breadcrumb trail

Question 143

0 / 1 point

If you wanted to keep a written online journal, you would use _____.

- 1) a podcast
- 2) a listserv
- 3) e-mail
- 4) a weblog

Question 144 0 / 1 point

Which of the following are personal video journal entries posted on the Web?

- 1) podcasts
- 2) newsgroups
- 3) vlogs
- 4) blogs

Question 145 0 / 1 point

A Web site that allows anyone to add or edit content is called a _____.

- 1) weblog
- 2) multiuser site
- 3) wiki
- 4) podcast

Question 146 0 / 1 point

Podcasts enable you to _____.

- 1) broadcast over the Internet using compressed audio and video files such as MP3s and MP4s

- 2) post journal entries on the Web
- 3) communicate with friends in real time
- 4) edit video files over the Web

Question 147

0 / 1 point

RSS stands for _____.

- 1) Really Smart Simulations
- 2) Really Simple Syndication
- 3) Real Simple Simulations
- 4) Real Time Syndications

Question 148

0 / 1 point

Podcasts use which of the following technologies?

- 1) MSN Messenger
- 2) RSS
- 3) Vlog
- 4) an open source software application for 3D modeling

Question 149

0 / 1 point

A webcast is _____.

- 1) another name for a podcast
- 2) a podcast that is updated automatically
- 3) a device needed for a podcast
- 4) the broadcast of audio or video content over the Internet

Question 150

0 / 1 point

Adobe Reader, Flash Player, and QuickTime Player are all examples of special software programs called _____.

- 1) aggregators
- 2) plug-ins
- 3) podders
- 4) browsers

Question 151

0 / 1 point

Webcasts differ from podcasts in that webcasts _____.

- 1) are updated automatically
- 2) are not updated automatically
- 3) can be updated by users
- 4) are no different

Question 152

0 / 1 point

All of the following are examples of multimedia EXCEPT:

- 1) streaming video.
- 2) text.
- 3) MP3 music files.


4) graphics.

Question 153

0 / 1 point

E-commerce that involves businesses buying and selling goods and services to other businesses is called _____.


- 1) click-and-brick business
- 2) B2C
- 3) C2C

 4) B2B

Question 154

0 / 1 point

The "s" in https stands for _____.


- 1) secure socket logon
-  2) secure socket layer
- 3) safety secured logon
- 4) shop secure layer

Question 155

0 / 1 point

When purchasing items over the Internet, be sure to check _____.

- 1) that the beginning URL changes from http:// to https://
- 2) that a closed padlock appears in the toolbar
- 3) that the address bar is green-colored

 4) all of these

Question 156

0 / 1 point


The name of the free Internet browser from Mozilla is _____.

- 1) Safari
-  2) Firefox
- 3) Internet Explorer
- 4) Opera

Question 157

0 / 1 point

The text version of a Web site's Internet address is called the _____.


- 1) home page
- 2) IP address
-  3) Uniform Resource Locator (URL)
- 4) protocol

Question 158

0 / 1 point

HTTP is the abbreviation for _____.

- 1) Hyper Transmission Protocol
- 2) Hypertext Transmission Protocol
- 3) Hypertext Protocol

 4) Hypertext Transfer Protocol

Question 159

0 / 1 point

In the URL http://www.prenhall.com, the portion labeled http is the _____.

- 1) domain name
- 2) host
- 3) top-level domain

4) protocol

Question 160 0 / 1 point

In the URL <http://www.prenhall.com>, the portion labeled .com is the _____.

- 1) domain name
- 2) host

3) top-level domain

4) protocol

Question 161 0 / 1 point

What protocol allows files to be transferred from a Web server so that you can view them on your computer using a browser?

1) FTP

2) HTTP

3) COM

4) WWW

Question 1620 / 1 point

All of the following are parts of a URL EXCEPT:

1) the protocol.

2) hyperlinks.

3) WWW.

4) the domain name.

Question 163 0 / 1 point

A list of pages within a Web site that you have visited and that usually appears at the top of a page is referred to as a(n) _____.

1) index

2) navigation bar

3) breadcrumb trail

4) cookie trail

Question 164 0 / 1 point

One way to mark a Web site so that you can return to it later without typing the address is to _____.

1) use the Back button

2) use the History list

3) refresh the URL

4) use Favorites or Bookmarks

Question 165 0 / 1 point

A(n) _____ is a keyword or term that is assigned to a piece of information such as a Web page, digital image, or video and describes the site so that it can be found again by browsing or searching.

1) keyword

2) index

3) tag

4) bookmark

Question 166 0 / 1 point

A set of programs that searches the Web to find information is called a _____.

1) breadcrumb trail

2) phisher

3) search engine

4) browser

Question 167 0 / 1 point

Search engines have which three parts?

1) a spider, a Webcrawler, and search engine software

2) a Webcrawler, an algorithm, and search engine software

3) a spider, an indexer, and search engine software

4) a formulator, an algorithm, and search engine software

Question 168

0 / 1 point

What does Web 2.0 describe?

1) a trend of new Web applications that combine the functionality of multiple applications

2) the newest Web browser on the market

3) the newest netiquette rules for group communication

4) the newest Web development language

Question 169

0 / 1 point

_____ is a social networking service that enables you to exchange short text messages with your friends or "followers."

1) Facebook

2) Twitter

3) MySpace

4) Yahoo! Text

Question 170 0 / 1 point

The Internet2 is a project _____.

1) to expand URLs

2) to develop new Internet technologies

3) to improve podcasts

4) to protect Internet users

Question 171


0 / 1 point

Boolean operators include such words as _____.

1) AND


2) NOT

3) OR

 4) all of these


Question 172 0 / 1 point

The Internet is referred to as a client/server network.

-  1) True
2) False


Question 1730 / 1 point

A subject directory is an outline of Web sites organized by topic.

-  1) True
2) False


Question 1740 / 1 point

The # sign can be used as a wildcard when conducting searches with most search engines.

- 1) True
 2) False


Question 1750 / 1 point

When evaluating a Web site, testing the relevancy of a site means checking to see if the information in the site is current.

-  1) True
2) False


Question 1760 / 1 point

A tag can be assigned to a Web page, a digital image, or a video.

-  1) True
2) False


Question 1770 / 1 point

In reference to URLs, domain name and host name are used interchangeably.

-  1) True
2) False


Question 1780 / 1 point

The Internet protocol used to upload and download files is HTTP.

- 1) True
 2) False


Question 1790 / 1 point

Although Apple created the Safari browser, there is a Windows-based version available.

-  1) True
2) False


Question 1800 / 1 point

When shopping on the Web, it is better to pay for your purchase with a debit card rather than a credit card.

- 1) True
 2) False

Question 1810 / 1 point

If you post a picture on your own social networking site, it could become available to the public via search engines.

-  1) True
2) False

Question 1820 / 1 point

There are virtually no privacy risks in using today's newest social networking sites.

- 1) True
- 2) False

Question 1830 / 1 point

There are sites that host blogs free of charge.

- 1) True
- 2) False

Question 1840 / 1 point

Most webcasts are not updated automatically.

- 1) True
- 2) False

Question 1850 / 1 point

Webcasts can be used to initiate a response from a viewing audience.

- 1) True
- 2) False

Question 1860 / 1 point

Weblogs or blogs are public, allowing anyone to view them.

- 1) True
- 2) False

Question 1870 / 1 point

A universal chat client allows you to chat with users who are using a different IM service than you are.

- 1) True
- 2) False

Question 1880 / 1 point

Instant messaging is available only from AOL.

- 1) True
- 2) False

Question 1890 / 1 point

With a client-based e-mail account, such as Microsoft Outlook, you are able to view your e-mail only from the computer on which the client program is installed.

- 1) True
- 2) False

Question 1900 / 1 point

Web-based e-mail programs are usually more full featured than client-based e-mail systems.

- 1) True
- 2) False

Question 1910 / 1 point

The Internet can be said to be a result of the Cold War.

- 1) True
- 2) False

Question 1920 / 1 point

The Internet was developed to ensure faster delivery of communications such as mail.

- 1) True
- 2) False

Question 1930 / 1 point

The primary use for the Internet is searching.

- 1) True
- 2) False

Question 1940 / 1 point

The Internet and the World Wide Web are the same thing.

- 1) True
- 2) False

Question 1950 / 1 point

The Internet is the largest computer network in the world.

- 1) True
- 2) False

Chapter_04

0 / 1 point

Software refers to a set of instructions that tells the computer what to do. These instruction sets are called _____.

- 1) databases
- 2) programs
- 3) peripherals
- 4) devices

Question 197 0 / 1 point

Software that lets you do tasks at home, school, and work is called _____.

- 1) application software
- 2) system software
- 3) utility software
- 4) reference software

Question 198 0 / 1 point

System software does all of the following EXCEPT:

- 1) help run the computer.
- 2) coordinate instructions between application software and the computer's hardware devices.
- 3) add graphics and pictures to files.
- 4) help manage system resources.

Question 199

0 / 1 point

Microsoft Word and OpenOffice.org Writer are examples of _____.

- 1) system software
- 2) word processing software
- 3) graphic software
- 4) utility software

Question 200

0 / 1 point

Which type of software is used to keep track of appointments, to-do lists, and telephone numbers?

- 1) database software
- 2) presentation software
- 3) personal information manager (PIM) software
- 4) word processing software

Question 201

0 / 1 point

In a spreadsheet, the columns and rows form individual boxes called _____.

- 1) cells
- 2) intersects
- 3) addresses
- 4) worksheets

Question 202

0 / 1 point

Software you can use to create a budget is called _____.

- 1) graphics software
- 2) spreadsheet software
- 3) utility software
- 4) word processing software

Question 203

0 / 1 point

The cell address C5 indicates that the cell _____.

- 1) contains a label value of "C5"
- 2) is at row C, column 5 of the worksheet
- 3) is used in a formula involving the value "C5"
- 4) is at column C, row 5 of the worksheet

Question 204

0 / 1 point

In a spreadsheet, equations you build yourself using values and cell references are called _____.

- 1) functions
- 2) calculations
- 3) formulas
- 4) values

Question 205

0 / 1 point

The primary benefit of a spreadsheet program is _____.

- 1) its ability to automatically recalculate formulas and functions
- 2) its ability to have multiple worksheets in one workbook
- 3) the preprogrammed functions
- 4) its ability to create charts

Question 206

0 / 1 point

Presentation software includes all of the following features EXCEPT:

- 1) animation effects.
- 2) formulas.

- 3) transitions.
- 4) themes.

Question 207

0 / 1 point

Which type of software is used to make a slide show?

- 1) system software
- 2) spreadsheet software
- 3) presentation software
- 4) word processing software

Question 208

0 / 1 point

Which type of software is used at colleges to keep track of student records?

- 1) system software
- 2) presentation software
- 3) word processing software
- 4) database software

Question 209

0 / 1 point

In databases, information is organized in _____.

- 1) tables
- 2) records
- 3) fields
- 4) all of these

Question 210 0 / 1 point

Microsoft _____ is software that allows students who have tablet PCs to write their notes directly onto the tablet, using it as an electronic notebook.

- 1) Notebook
- 2) OneNote
- 3) PowerPoint
- 4) SharePoint

Question 211 0 / 1 point

In which 2010 Office suite will you find Microsoft Access?

- 1) Starter 2010
- 2) Home and Student 2010
- 3) Home and Business 2010
- 4) Professional 2010

Question 212

0 / 1 point

Predesigned forms that provide the basic structure for a particular kind of document are known as _____.

- 1) templates
- 2) patches
- 3) wizards
- 4) macros

Question 213 0 / 1 point

Which suite is installed by computer manufacturers and replaced Works?

- 1) Office 2010
- 2) Starter 2010
- 3) Apple iWork
- 4) Google Docs

Question 214 0 / 1 point

An example of software that includes electronic checkbook registers and automatic bill payment tools is _____.

- 1) Microsoft Word
- 2) Adobe Acrobat
- 3) Microsoft Project
- 4) Intuit Quicken

Question 215 0 / 1 point

QuarkXPress and Adobe InDesign are examples of _____ software.

- 1) image editing
- 2) word processing
- 3) desktop publishing
- 4) video editing

Question 216 0 / 1 point

Adobe Dreamweaver is an example of _____.

- 1) accounting software
- 2) educational software
- 3) Web page authoring software
- 4) desktop publishing software

Question 217 0 / 1 point

QuickBooks and Peachtree are examples of _____.

- 1) educational software
- 2) accounting software
- 3) course management software
- 4) gaming software

Question 218 0 / 1 point

Which type of software helps managers with tasks such as scheduling charts?

- 1) project management software
- 2) accounting software
- 3) customer relationship management software
- 4) enterprise resource planning software

Question 219 0 / 1 point

Which type of software stores client information in one central database for use by sales professionals?

- 1) accounting software

- 2) project management software
- 3) enterprise resource planning software
- 4) customer relationship management software

Question 220

0 / 1 point

Software that does "back office" operations and processing functions such as billing, production, inventory management, and human resources management is called _____.

- 1) accounting software
- 2) enterprise resource planning software
- 3) project management software
- 4) customer relationship management software

Question 221

0 / 1 point

GPS software allows users to _____.

- 1) fine-tune an Internet connection
- 2) locate restaurants, airports, and points of interest
- 3) use PDAs to access e-mail
- 4) play games online using portable gaming systems

Question 222

0 / 1 point

Computer-aided design software is used primarily by _____.

- 1) engineers to create models
- 2) airline pilots to navigate
- 3) project managers to track tasks
- 4) game makers to create games

Question 223

0 / 1 point

Custom software, developed to address the needs of a specific company, is known as _____ software.

- 1) privately owned
- 2) proprietary
- 3) developmental
- 4) copyrighted

Question 224

0 / 1 point

Software designed for a specific industry is known as _____ software.

- 1) multimedia
- 2) general business
- 3) project management
- 4) vertical market

Question 225

0 / 1 point

Which file format enables users to share, view, and print any file as long as they have the appropriate program installed?

- 1) HTTP
- 2) DOC
- 3) PDF

4) MP3

Question 2260 / 1 point

Multimedia software includes all of the following EXCEPT:

- 1) image editing software.
- 2) animation software.
- 3) utility software.
- 4) audio editing software.

Question 227

0 / 1 point

Adobe Photoshop and Corel PaintShop Photo Pro are examples of _____ software.

- 1) digital image editing
- 2) painting
- 3) Web page authoring
- 4) computer-aided design

Question 228

0 / 1 point

CD ripping refers to _____.

- 1) stealing songs off the Internet
- 2) encoding CDs to MP3 format
- 3) creating your own CDs from your MP3 collection
- 4) erasing content on a CD

Question 229

0 / 1 point

The distribution of audio files over the Internet is called _____.

- 1) encoding
- 2) ripping
- 3) decoding
- 4) podcasting

Question 230

0 / 1 point

Moodle and Blackboard are examples of _____.

- 1) utility software
- 2) educational software
- 3) course management software
- 4) gaming software

Question 231

0 / 1 point

Which Microsoft program is used to create technical drawings, map basic block diagrams, and more?

- 1) Excel
- 2) Visio
- 3) Illustrator
- 4) Paintbrush

Question 232

0 / 1 point

Web-based application software is software that _____.

- 1) allows you to create Web pages

2) is installed by the computer manufacturer

3) is stored completely on a Web server instead of your hard drive

4) does not need an Internet connection

Question 233

0 / 1 point

Which of the following is an example of discounted software?

1) a software suite

2) educational versions of software

3) beta versions of software

4) Web-based application software

Question 234

0 / 1 point

Which of the following is software that you can use for an unlimited time at no charge?

1) freeware

2) alpha version software

3) Internet-based software

4) Web-based application software

Question 235

0 / 1 point

Software that is distributed for free, but often with the condition that you pay for it if you like and intend to use it, is called _____.

1) beta version software

2) Internet-based software

3) freeware

4) shareware

Question 236

0 / 1 point

When available, the best way to remove an unwanted software application is to _____.

1) change the name of the program

2) highlight and delete the program's desktop icon

3) use the application's uninstall program

4) locate the program's .exe file and delete it

Question 237

0 / 1 point

A(n) _____ software installation allows you to decide which features you want to install on the hard drive.

1) full

2) upgrade

3) custom

4) new

Question 238 0 / 1 point

Every software program has a set of _____ that specify the minimum recommended standards for the operating system, processor, RAM, and hard drive capacity.

1) specifications

2) programming instructions

3) system requirements

4) help files

Question 239

0 / 1 point

Application software helps run the computer and coordinates instructions.

1) True

2) False

Question 2400 / 1 point

Windows 7 is operating system software.

1) True

2) False

Question 2410 / 1 point

Word processing software allows you to easily change the appearance and organization of your documents.

1) True

2) False

Question 2420 / 1 point

Many word processing software packages have themes of coordinated colors and styles that you can use throughout your document.

1) True

2) False

Question 2430 / 1 point

Microsoft Excel and OpenOffice.org Calc are examples of spreadsheet software.

1) True

2) False

Question 2440 / 1 point

The primary benefit of spreadsheet software is its ability to automatically recalculate formulas and functions.

1) True

2) False

Question 2450 / 1 point

Many spreadsheet applications have the ability to sort, filter, and group data.

1) True

2) False

Question 2460 / 1 point

Adobe Photoshop Elements is an example of a home image editing software program.

1) True

2) False

Question 2470 / 1 point

There are financial planning software applications available, such as Quicken, that integrate with tax preparation software.

1) True

2) False

Question 2480 / 1 point

In a database, a field is a group of related records.

1) True

2) False

Question 2490 / 1 point

In a database, a table can be defined as a data category.

- 1) True
- 2) False

Question 2500 / 1 point

It is normally cheaper to buy a software suite than to purchase individually each of the applications contained in the suite.

- 1) True
- 2) False

Question 2510 / 1 point

Integrated software applications and software suites are essentially the same thing.

- 1) True
- 2) False

Question 2520 / 1 point

Open source software is made available to the public with few or no restrictions.

- 1) True
- 2) False

Question 2530 / 1 point

OpenOffice.org is an example of open source software.

- 1) True
- 2) False

Question 2540 / 1 point

Most Web-based software products have some type of formal technical support for customers.

- 1) True
- 2) False

Question 2550 / 1 point

A wizard is a systemic guide that walks you through the steps necessary to complete a complicated task.

- 1) True
- 2) False

Question 2560 / 1 point

There are no Web-based PIM programs.

- 1) True
- 2) False

Question 2570 / 1 point

Wizards are step-by-step guides for performing complicated tasks in application software.

- 1) True
- 2) False

Question 2580 / 1 point

Macros are forms included in many productivity applications that provide the basic structure for a particular kind of document, spreadsheet, or presentation.

- 1) True
- 2) False

Question 2590 / 1 point

Most word processing programs come with a search and replace tool that allows you to locate and replace specific text.

- 1) True
- 2) False

Question 2600 / 1 point

MP3 is a type of video compression.

- 1) True
- 2) False

Question 2610 / 1 point

Apple's Final Cut Pro is an example of software that allows you to edit video.

- 1) True
- 2) False

Question 2620 / 1 point

Media management programs are entertainment applications that turn artificial environments into a realistic experience.

- 1) True
- 2) False

Question 2630 / 1 point

Snapfish.com is a Web-based program that allows you to edit, share, and store digital images.

- 1) True
- 2) False

Question 2640 / 1 point

Desktop publishing software allows you to create brochures and flyers.

- 1) True
- 2) False

Question 2650 / 1 point

Adobe Illustrator is a type of drawing software.

- 1) True
- 2) False

Question 2660 / 1 point

When purchasing video editing software, you should purchase the least expensive application with the greatest number of supported file formats.

- 1) True
- 2) False

Question 2670 / 1 point

Shareware is software that is distributed as trial software for a limited time.

- 1) True
- 2) False

Question 2680 / 1 point

If you use shareware software after the initial trial period is over without paying for it, you will not be breaking the software license agreement.

- 1) True
- 2) False

Question 2690 / 1 point

All Web-based software is free.

- 1) True
- 2) False

Question 2700 / 1 point

A full software installation allows you to choose which features you want installed on your hard drive.

- 1) True
- 2) False

Question 2710 / 1 point

When uninstalling software, it is best simply to open the Explorer window and delete the folder containing the software.

- 1) True
- 2) False

Chapter_05

0 / 1 point

The _____ manages the flow of data and information through the computer system by coordinating the hardware, software, user interface, processor, and system memory.

- 1) RAM
- 2) operating system
- 3) application software
- 4) motherboard

Question 273

0 / 1 point

The _____ of the operating system allows the user to communicate with the computer system.

- 1) window
- 2) modem
- 3) network adapter card
- 4) user interface

Question 274

0 / 1 point

Which of the following is a single-user, multitask operating system?

- 1) Mac OS
- 2) Palm OS
- 3) Symbian OS
- 4) MS-DOS

Question 275

0 / 1 point

Which of the following was the first widely used operating system installed in personal computers?

- 1) Symbian OS
- 2) Microsoft Windows
- 3) MS-DOS
- 4) Linux

Question 276

0 / 1 point

Which of the following is NOT a function of the operating system?

- 1) It provides a user interface.

2) It manages the processor.

3) It manages the removal of spyware.

4) It provides a way for software applications to work with the CPU.

Question 277

0 / 1 point

The most essential software in your computer system is the _____.

1) security software

2) antivirus software

3) operating system software

4) productivity software

Question 278

0 / 1 point

The version of Windows 7 that is most appropriate for high-end PC users, gamers, and multimedia professionals is _____.

1) Windows 7 Home Premium

2) Windows 7 Ultimate

3) Windows 7 Starter

4) Windows 7 Professional

Question 279

0 / 1 point

The combination of operating system and processor in a computer is referred to as a computer's _____.

1) specifications

2) minimum requirements

3) platform

4) firmware

Question 280

0 / 1 point

All of the following can be considered to be network operating systems EXCEPT:

1) Symbian OS.

2) UNIX.

3) Linux.

4) Microsoft Windows.

Question 281

0 / 1 point

Some video games require a _____ operating system.

1) single-user, single-task

2) single-user, multitask

3) multiuser

4) real-time

Question 282

0 / 1 point

Which of the following operating systems is used primarily with mainframes as a network operating system?

1) UNIX

2) Mac OS

3) Symbian OS

4) Windows Vista

Question 283 0 / 1 point

Microsoft Windows and Mac OS use a _____ interface.

- 1) menu-driven
- 2) graphical user
- 3) command-driven
- 4) virtual

Question 284 0 / 1 point

Which of the following statements about a graphical user interface is FALSE?

- 1) A GUI uses windows, which are rectangular boxes displayed on the screen.
- 2) Icons represent an object such as a software application, a file, or a folder.
- 3) A GUI is a command-driven interface.
- 4) A GUI uses menus, which are lists of commands that appear on the screen.

Question 285

0 / 1 point

During the virtual memory process, the operating system moves data to a temporary storage area on the hard drive called the _____ file.

- 1) virtual
- 2) swap
- 3) RAM
- 4) memory

Question 286 0 / 1 point

XO is the name of the computer being provided by the _____ project.

- 1) IT Beta
- 2) Computers for All
- 3) DigiKid
- 4) One Laptop per Child

Question 287 0 / 1 point

Each device attached to your computer comes with a special program called a _____ that facilitates communication between the device and the OS.


- 1) device driver
- 2) translator
- 3) communication utility
- 4) device configurator

Question 288 0 / 1 point

The _____ is responsible for managing the processor and all other components of the computer system, and is an essential part of the operating system.

- 1) BIOS
- 2) CMOS

3) processor

 4) kernel

Question 289 0 / 1 point

Which of the following is the first step in the boot process?

 1) The BIOS is activated by powering on the CPU.

2) The BIOS checks that all devices are in place.

3) The OS is loaded into RAM.

4) Configuration and customization settings are checked.

Question 290


0 / 1 point

The _____ is a program that manages the data between the operating system and all input and output devices attached to the system.

1) POST

2) Device Manager


3) Configuration utility

 4) BIOS

Question 291

0 / 1 point

The basic input/output system is stored on a _____ chip.

 1) ROM

2) CPU

3) RAM

4) CMOS

Question 2920 / 1 point

Which of the following is NOT a step in the boot process?

1) The BIOS is activated by powering on the CPU.

2) Configuration and customization settings are checked.

 3) The antivirus program checks all files for viruses.


4) The operating system is loaded into RAM.

Question 293

0 / 1 point

Which of the following does NOT occur during the power-on self-test?

1) The video card and video memory are tested.

 2) The OS is moved into RAM.


3) The BIOS is identified.

4) Memory is tested.

Question 294

0 / 1 point

The _____ contains all of the different configurations used by the OS and by other applications.

 1) registry

2) CMOS

3) BIOS

4) kernel

Question 295 0 / 1 point

All of the following are terms related to part of the boot process EXCEPT:

- 1) ROM.
- 2) BIOS.
- 3) RAM.
- 4) USB.

Question 2960 / 1 point

_____ are easy-to-use mini desktop programs that give you information at a glance or quick access to frequently used tools including weather information, calendar items, or games.

- 1) Sidebars
- 2) Mini-apps
- 3) Ribbons
- 4) Gadgets

Question 297 0 / 1 point

In the Windows operating system, the hard drive is represented as the _____.

- 1) A drive
- 2) D drive
- 3) E drive
- 4) C drive

Question 298 0 / 1 point

The OS allows you to organize the contents of your computer in a hierarchical structure of _____.

- 1) files
- 2) libraries
- 3) directories
- 4) drives

Question 299 0 / 1 point

Windows 7 introduces the concept of _____, which are folders that gather files from different locations and display the files as if they were all saved in a single folder.

- 1) libraries
- 2) directories
- 3) groups
- 4) collections

Question 300 0 / 1 point

In a Windows folder, to display files and folders as icons in list form, use _____ view.

- 1) Details
- 2) List
- 3) Thumbnails
- 4) Tiles

Question 301 0 / 1 point

All of the following can be used in a Windows file name EXCEPT:

- 1) *.

- 2) #.
- 3) %.
- 4) \$.

Question 3020 / 1 point

The location of a file is specified by its _____.

- 1) drive letter
- 2) file path
- 3) file type
- 4) file extension

Question 303 0 / 1 point

In Windows, which character is used as a path separator?

- 1) forward slash (/)
- 2) colon (:)
- 3) backslash (\)
- 4) hyphen (-)

Question 304 0 / 1 point

C:\Documents\Spring 2012\CIS 101\Term Paper\Computer Technology is an example of a _____.

- 1) file extension
- 2) file type
- 3) file path
- 4) file list

Question 305 0 / 1 point

In Windows, a file path starts with a _____.

- 1) backslash (\)
- 2) file name
- 3) drive letter
- 4) folder

Question 306 0 / 1 point

If Microsoft Word 2010 is used to create a file, which file extension is added automatically?

- 1) .docx
- 2) .doc
- 3) .docs
- 4) .docf


Question 3070 / 1 point

Which of the following would be a name of a Microsoft Access file?

- 1) inventory.xlsx
- 2) inventory.wpd
- 3) inventory.accdb
- 4) inventory.bmp


Question 308 0 / 1 point

Which of the following statements concerning the Windows Recycle Bin is TRUE?

- 1) Files deleted from your flash drive reside in the Recycle Bin.
- 2) The Recycle Bin is a folder on the A drive.
-  3) You can restore files that have been moved to the Recycle Bin.
- 4) Once a file is moved to the Recycle Bin, the file is automatically and permanently deleted.


Question 309 0 / 1 point

With Windows Explorer, you can perform all of the following file management actions EXCEPT:

- 1) copying files.
- 2) renaming files.
-  3) editing files.
- 4) opening files.


Question 310 0 / 1 point

Which of the following Windows utility programs arranges files on your hard drive in sequential order?

- 1) Disk Cleanup
-  2) Disk Defragmenter
- 3) Error-checking
- 4) Task Manager


Question 311 0 / 1 point

Which of the following types of programs help manage system resources such as the hard drive?

- 1) application software
-  2) utility programs
- 3) productivity software
- 4) application programming interfaces


Question 312 0 / 1 point

You can use the Windows _____ to check on a nonresponsive program.

- 1) System Restore
- 2) Backup utility
- 3) Explorer
-  4) Task Manager

Question 313 0 / 1 point

In Windows, you can create _____ to reset your system in the case of a malfunction.

- 1) a previously saved configuration
-  2) restore points
- 3) backup flash drives
- 4) backup points

Question 314 0 / 1 point

Mac OS X includes a backup utility called _____.

- 1) System Restore

2) Time Capsules

3) Time Machine

4) Auto Backup

Question 315 0 / 1 point

If you want to automatically defragment your hard drive every week, you can set a predetermined time using the _____.

1) Task Calendar

2) Task Scheduler

3) Task Manager

4) Task Mode

Question 316 0 / 1 point

All computers do not need an operating system.

1) True

2) False

Question 3170 / 1 point

The user interface is part of a computer's operating system.

1) True

2) False

Question 3180 / 1 point

Boot Camp is a utility that allows you to run Windows and Mac OS X at the same time.

1) True

2) False

Question 3190 / 1 point

The most recent version of the Mac operating system is called Mac OS X.

1) True

2) False

Question 3200 / 1 point

You can download a version of Linux from the Internet for free.

1) True

2) False

Question 3210 / 1 point

Linux is an open source operating system that can be used both on personal computers and as a networking operating system.

1) True

2) False

Question 3220 / 1 point

Linux does not have a default user interface.

1) True

2) False

Question 3230 / 1 point

The type of processor in the computer dictates which operating system a desktop uses.

1) True

2) False

Question 3240 / 1 point

The combination of a computer's operating system and application software is referred to as the computer's platform.

1) True

2) False

Question 3250 / 1 point

A common-driven-interface is one in which you enter commands to communicate with the computer system.

1) True

2) False

Question 3260 / 1 point

When virtual memory is in use, the condition of excessive paging is called swapping.

1) True

2) False

Question 3270 / 1 point

Windows 7 will run with 1 GB of RAM, but the system might be challenged by limited resources, especially with graphic-intensive programs.

1) True

2) False

Question 3280 / 1 point

When your computer runs out of RAM, the operating system borrows space from the CPU.

1) True

2) False

Question 3290 / 1 point

With the Plug and Play standard, adding hardware to your computer becomes easier.

1) True

2) False

Question 3300 / 1 point

Installing a device driver can sometimes cause system instability.

1) True

2) False

Question 3310 / 1 point

PnP stands for Plug and Play.

1) True

2) False

Question 3320 / 1 point

If you install a device that is not PnP, you will be prompted to install a driver.

1) True

2) False

Question 3330 / 1 point

CMOS is a special kind of memory that uses a great deal of power.

1) True

2) False

Question 3340 / 1 point

Tiles view is the most interactive view of a Windows folder.

- 1) True
- 2) False

Question 3350 / 1 point

Live Icons allow you to preview the actual contents of a specific file or folder from within a window without actually having to open the file.

- 1) True
- 2) False

Question 3360 / 1 point

When using Windows, you should create a restore point before installing new software.

- 1) True
- 2) False

Question 3370 / 1 point

You can use System Restore to restore your system's settings back to a specific date when everything was working properly.

- 1) True
- 2) False

Question 3380 / 1 point

The Windows Backup and Restore Utility allows you to make a duplicate copy of all the data on your hard drive.

- 1) True
- 2) False

Question 3390 / 1 point

A multiuser operating system is also described as a network operating system.

- 1) True
- 2) False

Question 3400 / 1 point

In Safe mode, only the essential devices of the system function.

- 1) True
- 2) False

Question 3410 / 1 point

Safe boot is a special diagnostic mode designed for troubleshooting errors that occur during the boot process.

- 1) True
- 2) False

Question 3420 / 1 point


The High Contrast accessibility feature allows you to select a color scheme setting in which you control the contrast between text and background.

- 1) True
- 2) False

Question 3430 / 1 point

A tiled window cannot be resized.


- 1) True

 2) False

Chapter_06

0 / 1 point


Moore's Law is a rule that predicts _____.

- 1) the access time of the read/write head
-  2) the pace at which CPUs improve
- 3) the speed of the front side bus
- 4) the data transfer rate for a hard drive

Question 345

0 / 1 point


The CPU is connected to the system memory by the _____.

- 1) expansion card
- 2) cache memory
- 3) expansion hub
-  4) front side bus

Question 346

0 / 1 point


Each of the following is a computer subsystem EXCEPT the:

-  1) data subsystem.
- 2) storage subsystem.
- 3) CPU subsystem.
- 4) memory subsystem.

Question 347

0 / 1 point


Which of the following activities is carried out by the ALU?

- 1) movement of read/write heads
-  2) completion of all arithmetic calculations
- 3) creation of virtual memory
- 4) coordination of all other computer components

Question 348

0 / 1 point


CPU speed, also called clock speed, is currently measured in _____.

- 1) bytes per second
-  2) gigahertz
- 3) megahertz
- 4) kilohertz

Question 349

0 / 1 point

The CPU consists of which two parts?

- 1) the arithmetic logic unit and the front side bus
-  2) the control unit and the arithmetic logic unit
- 3) the control unit and the front side bus
- 4) the control unit and cache memory

Question 350

0 / 1 point

The control unit is one component of the _____.

- 1) CPU
- 2) RAM
- 3) front side bus
- 4) clock

Question 351 0 / 1 point

The percentage of time your CPU is working is referred to as CPU _____.

- 1) throughput
- 2) capacity
- 3) latency
- 4) usage

Question 352 0 / 1 point

Front side bus speed is measured in _____.

- 1) nanoseconds
- 2) gigahertz
- 3) megahertz
- 4) kilohertz

Question 353 0 / 1 point

_____ provides high-speed information processing by enabling a new set of instructions to start before the previous set has been finished.

- 1) Multitasking
- 2) Cache memory
- 3) Hyperthreading
- 4) Overclocking

Question 354 0 / 1 point

Cache memory levels are determined by _____.

- 1) the amount of storage space on the chip
- 2) the physical size of the chip
- 3) the speed of the chip
- 4) the chip's proximity to the CPU

Question 355 0 / 1 point

The amount of RAM recommended for most systems today is measured in _____.

- 1) KB
- 2) gigahertz
- 3) GB
- 4) megahertz

Question 356 0 / 1 point

Kernel memory is _____.

- 1) RAM memory used by the operating system
- 2) the amount of memory in the memory modules

- 3) permanent memory
- 4) faster than RAM

Question 357

0 / 1 point

All of the following are forms of RAM EXCEPT:

- 1) SRAM.
- 2) DRAM.
- 3) XRAM.
- 4) SDRAM.

Question 358 0 / 1 point

The small circuit boards that hold a series of RAM chips are called _____.

- 1) flash memory cards
- 2) expansion cards
- 3) virtual memory
- 4) memory modules

Question 359

0 / 1 point

The amount of RAM that is actually on the memory modules in your computer is the _____ memory.

- 1) virtual
- 2) nonvolatile
- 3) permanent
- 4) physical

Question 360 0 / 1 point

On a Windows system, you can determine the amount of RAM by looking in the _____ window.

- 1) Performance
- 2) Memory
- 3) System Properties
- 4) Utilities

Question 361

0 / 1 point

When referring to hard drives, seek time and latency are the two factors that make up _____.

- 1) data transfer speed
- 2) access time
- 3) transfer rate
- 4) processing

Question 362

0 / 1 point

When referring to hard drives, access time is measured in _____.

- 1) hertz
- 2) bps
- 3) milliseconds
- 4) kilobytes

Question 363

0 / 1 point

Which of the following statements is true about optical media?

- ➡ 1) A Blu-ray burner will most likely burn both CDs and DVDs.
- 2) A DVD burner can burn Blu-ray discs.
- 3) All CD burners can burn all types of CDs.
- 4) DVDs can be played by CD burners but cannot be recorded on them.

Question 364

0 / 1 point

Which is the fastest type of optical drive on the market?

- 1) DVD drives
- ➡ 2) Blu-ray drives
- 3) flash drives
- 4) CD drives

Question 365 0 / 1 point

An expansion card that translates binary data into images is a(n) _____.

- 1) game card
- ➡ 2) video card
- 3) audio card
- 4) sound card

Question 366 0 / 1 point

A _____ performs the same kind of computational work that a CPU performs but is specialized to handle 3-D graphics and image and video processing.

- ➡ 1) GPU
- 2) video adapter
- 3) video card
- 4) graphics CPU

Question 367 0 / 1 point

A video card is an expansion card installed inside your _____.

- 1) monitor
- 2) VGA hookup
- ➡ 3) system unit
- 4) video memory

Question 368 0 / 1 point

Two types of video memory are _____.

- ➡ 1) GDDR3 and GDDR5
- 2) SRAM and DRAM
- 3) IrDA and IDE
- 4) 4-bit and 8-bit

Question 369 0 / 1 point

Windows 7 incorporates _____, which enables you to migrate files and settings from a Windows Vista system to a Windows 7 system via a network connection.

- 1) Upgrade Companion
- ➡ 2) Windows Easy Transfer

- 3) Migrate Easy
- 4) Easy Sync

Question 370

0 / 1 point

Running the Disk Defragmenter utility will _____.

- 1) detect and remove spyware
- 2) clear out temporary Internet files
- 3) make the hard drive work more efficiently
- 4) clean out your Startup folder

Question 371

0 / 1 point

Running the Disk Cleanup utility is a quick way to _____.

- 1) defrag your hard drive
- 2) remove spyware programs
- 3) clear out unnecessary files
- 4) clean out your Startup folder

Question 372

0 / 1 point

To make sure your computer performs reliably, you can do all of the following EXCEPT:

- 1) clean out your Startup folder.
- 2) clear out unnecessary files.
- 3) run the Disk Defragmenter.
- 4) increase the front side bus speed.

Question 373

0 / 1 point

Which statement pertaining to system reliability is FALSE?

- 1) Having the latest version of software products can make your system more reliable.
- 2) An accumulation of temporary Internet files has no effect on your computer's overall performance.
- 3) You can clean out unnecessary programs from your Startup folder.
- 4) When you defrag your hard drive, it works more efficiently.

Question 374

0 / 1 point

Which of the following is NOT a main characteristic associated with desktop computers as compared to notebooks?

- 1) A desktop computer requires more space.
- 2) A desktop computer is harder to move around.
- 3) A desktop computer is more expensive.
- 4) A desktop computer is easier to expand.

Question 375

0 / 1 point

Notebooks are often equipped with a(n) _____ slot that allows you to read flash memory cards such as CompactFlash, Memory Sticks, and Secure Digital cards.

- 1) eSATA
- 2) ExpressCard
- 3) USB

4) FireWire

Question 376 0 / 1 point

All of the following are advantages of notebook computers EXCEPT:

- 1) they are portable.
- 2) they take up little space.
- 3) you get more speed for a lower price.
- 4) wireless Internet access is easy to install.

Question 377

0 / 1 point

A(n) _____ uses the same kind of memory that flash drives use and have no spinning platters or motors.

- 1) SATA
- 2) SSD
- 3) USB
- 4) RAID

Question 3780 / 1 point

_____ is new technology that supports fast transfer rates of 10 Gb/s.

- 1) eSATA
- 2) USB
- 3) Thunderbolt
- 4) FireWire

Question 379 0 / 1 point

The number of bits the video card uses to represent each pixel on the monitor is called _____.

- 1) bit capacity.
- 2) bit depth
- 3) transparency.
- 4) binary volume.

Question 380 0 / 1 point

Moore's Law predicts that the number of transistors inside a CPU will triple every 18 months.

- 1) True
- 2) False

Question 3810 / 1 point

Hard drives have been growing in storage capacity by about 50 percent each year.

- 1) True
- 2) False

Question 3820 / 1 point

The control unit coordinates the activities of all computer components except for the CPU itself.

- 1) True
- 2) False

Question 3830 / 1 point

The CPU is located on the motherboard.

- 1) True
- 2) False

Question 3840 / 1 point

The percentage of time that your CPU is working is referred to as processing time.

1) True

2) False

Question 3850 / 1 point

Notebook and desktop processors are basically the same and therefore interchangeable.

1) True

2) False

Question 3860 / 1 point

Level 1 cache memory always contains more storage area than Level 2 cache.

1) True

2) False

Question 3870 / 1 point

The use of multiple cores on one CPU chip allows the execution of two or more sets of instructions at the exact same time.

1) True

2) False

Question 3880 / 1 point

Upgrading your CPU can increase how quickly data can move to or from the CPU.

1) True

2) False

Question 3890 / 1 point

Cache memory is a form of ROM.

1) True

2) False

Question 3900 / 1 point

Level 2 cache is slightly farther away from the CPU than Level 1 cache or on a separate chip.

1) True

2) False

Question 3910 / 1 point

RAM is nonvolatile storage.

1) True

2) False

Question 3920 / 1 point

Temporary data and instructions are not stored on the hard drive because it is faster to retrieve data from RAM.

1) True

2) False

Question 3930 / 1 point

RAM is your computer's permanent storage space for data that is entered from the keyboard.

1) True

2) False

Question 3940 / 1 point

A computer's memory subsystem is made up only of RAM.

- 1) True
 2) False

Question 3950 / 1 point

RAM is stored directly on the CPU.

- 1) True
 2) False

Question 3960 / 1 point

Accessing data from the hard drive to send to the CPU is faster than accessing data from RAM.

- 1) True
 2) False

Question 3970 / 1 point

Every computer is designed with a maximum limit on the amount of RAM it can support.

- 1) True
 2) False

Question 3980 / 1 point

Solid state drives have no platters or motors.

- 1) True
 2) False

Question 3990 / 1 point

Hard drive access time is measured in milliseconds.

- 1) True
 2) False

Question 4000 / 1 point

Hard drives have the largest capacity of any storage device.

- 1) True
 2) False

Question 4010 / 1 point

A Blu-ray burner will most likely record both CDs and DVDs.

- 1) True
 2) False

Question 4020 / 1 point

The amount of memory your video card needs depends on what you want to display on your monitor.

- 1) True
 2) False

Question 4030 / 1 point

The video subsystem is made up of the video card and speakers.

- 1) True
 2) False

Question 4040 / 1 point

Video cards often include their own RAM.

- 1) True
 2) False

Question 4050 / 1 point

3D sound cards are bidirectional.

- 1) True
- 2) False

Question 4060 / 1 point

3D sound is the same as surround sound.

- 1) True
- 2) False

Question 4070 / 1 point

Upgrading your operating system to the newest version might help increase system reliability.

- 1) True
- 2) False

Question 4080 / 1 point

External hard drives are an ideal solution when you need more storage than a flash drive can provide.

- 1) True
- 2) False

Question 4090 / 1 point

Thunderbolt can carry three channels of information on the same connector.

- 1) True
- 2) False

Chapter_07

0 / 1 point

Which of the following is NOT an example of a network node?

- 1) a modem
- 2) a printer
- 3) a mouse
- 4) a computer

Question 411 0 / 1 point

A computer network is defined as two or more computers connected with _____ so that they can communicate with each other.

- 1) software and hardware
- 2) the Internet
- 3) at least one server
- 4) Ethernet cable

Question 412 0 / 1 point

Each device connected to a network is called a(n) _____.

- 1) router
- 2) node
- 3) adapter
- 4) modem

Question 413 0 / 1 point

Which of the following is NOT a benefit of having computers networked?

- 1) monitoring for efficiency

- 2) facilitate resource sharing
- 3) share peripheral devices
- 4) computers running different operating systems communicating with each other

Question 414

0 / 1 point

Network architectures are classified according to _____.

- 1) the distance between the hub and the router
- 2) the bandwidth supplied by the connection
- 3) the way they are controlled and the distance between their nodes
- 4) the speed at which the processor runs

Question 415

0 / 1 point

A network that has 10 or more nodes is usually configured as a _____.

- 1) home network
- 2) peer-to-peer network
- 3) client/server network
- 4) WAN

Question 416

0 / 1 point

The most common type of home network is _____.

- 1) a token ring LAN
- 2) a client/server network
- 3) a peer-to-peer (P2P) network
- 4) a WAN

Question 417

0 / 1 point

Due to the expansion of media files on home computers, _____ options are now being marketed; however, they are not as full featured as their business-world counterparts.

- 1) home network server
- 2) external hard drive
- 3) network
- 4) online storage

Question 418

0 / 1 point

A _____ is a network located in your home that is used to connect all of your digital devices.

- 1) MAN
- 2) WAN
- 3) HAN
- 4) LAN

Question 4190 / 1 point

Which of the following is NOT an example of a WAN?

- 1) A LAN at the main university campus connected with a LAN at the university extension site
- 2) A computer at a bank's main branch connected with a LAN at the bank's branch office across town

3) A computer at a military base in Georgia connected with a computer at a military base in Florida

4) LANs connected in a single building

Question 420

0 / 1 point

Throughput, the actual speed of data transfer that is achieved in a network, is usually _____.

- 1) less than or equal to the data transfer rate
- 2) more than the data transfer rate
- 3) the same as the data transfer rate
- 4) at least the same as the data transfer rate, but often less

Question 421

0 / 1 point

Which transmission medium is able to transmit data the fastest?

- 1) twisted-pair cable
- 2) coaxial cable
- 3) wireless
- 4) fiber-optic cable

Question 422

0 / 1 point

The _____ is the maximum speed at which data can be transmitted between two nodes on a network.

- 1) data transfer rate
- 2) throughput
- 3) node speed
- 4) transmission speed

Question 423

0 / 1 point

Normal telephone wire is _____.

- 1) fiber-optic cable
- 2) twisted-pair cable
- 3) coaxial cable
- 4) Ethernet cable

Question 424

0 / 1 point

A wireless network uses which of the following as its transmission medium?

- 1) laser waves
- 2) fiber-optic waves
- 3) sound waves
- 4) radio waves

Question 425

0 / 1 point

Network adapters _____.

- 1) are built into the motherboard on each node
- 2) enable nodes in a network to communicate with each other
- 3) are always Ethernet NICs
- 4) are necessary only on servers in a client/server network

Question 426

0 / 1 point

Which of the following network adapters is most likely to be preinstalled in a typical notebook computer today?

- 1) a power-line adapter
- 2) a transceiver
- 3) a modem
- 4) both a wireless and wired network adapter

Question 427

0 / 1 point

Sophisticated networks generally use which of the following hardware devices to ease the flow of data packets throughout the network?

- 1) routers and switches
- 2) USB ports
- 3) firewalls
- 4) network interface cards (NICs)

Question 428

0 / 1 point

A(n) _____ allows sharing of a broadband Internet connection.

- 1) switch
- 2) router
- 3) hub
- 4) adapter

Question 429 0 / 1 point

Client/server networks are controlled by a central server that runs a specialized piece of software called _____.

- 1) Windows 7
- 2) a network operating system (NOS)
- 3) a firewall
- 4) firmware

Question 430

0 / 1 point

Which of the following devices translates electronic data into radio waves?

- 1) a modem
- 2) a transceiver
- 3) a fiber-optic cable
- 4) a receiver

Question 431

0 / 1 point

Which of the following is necessary if you want your Ethernet network to connect to the Internet through a DSL or cable modem?

- 1) a cable
- 2) a hub
- 3) a DSL/cable router
- 4) a switch

Question 432

0 / 1 point

Which of the following UTP cable types is the cheapest and often used in home networks?

- 1) Cat 6
- 2) Cat 5E
- 3) Cat 7
- 4) Cat 4

Question 433 0 / 1 point

The most popular transmission media option for wired Ethernet networks is _____.

- 1) fiber-optic cable
- 2) power-line cable
- 3) unshielded twisted-pair (UTP) cable
- 4) coaxial cable

Question 434

0 / 1 point

A(n) _____ keeps track of data packets and, in conjunction with network interface cards, helps the data packets find their destination without running into each other on an Ethernet network.

- 1) router
- 2) hub
- 3) switch
- 4) amplifier

Question 435 0 / 1 point

Most _____ allow you to connect wireless and wired computers to the same network.

- 1) servers
- 2) transceivers
- 3) wireless routers
- 4) modems

Question 436

0 / 1 point

Which of the following devices is needed to share an Internet connection on a wireless network?

- 1) a wireless hub
- 2) a fiber-optic cable
- 3) a modem
- 4) a wireless router

Question 437

0 / 1 point

WPA stands for _____.

- 1) Wireless Protocol Access
- 2) WiFi Protected Access
- 3) WiFi Protocol Access
- 4) Wired Protected Access

Question 438

0 / 1 point

One way to increase security on a network is by installing a _____.

- 1) network adapter
- 2) hub

- 3) firewall
- 4) security policy

Question 439 0 / 1 point

The unique number assigned to a network adapter by the manufacturer is referred to as the _____ address.

- 1) MAC
- 2) IP
- 3) SSID
- 4) network

Question 440 0 / 1 point

When setting up a network, you should set up any computers running the Microsoft Windows 7 operating system _____.

- 1) first
- 2) last
- 3) only before any computers running Linux
- 4) in any order

Question 441 0 / 1 point

A printer connected to a wireless network is considered to be a node on that network.

- 1) True
- 2) False

Question 4420 / 1 point

A single computer can function as both a client and a server, but performance will be degraded.

- 1) True
- 2) False

Question 4430 / 1 point

The Internet is an example of a client/server network.

- 1) True
- 2) False

Question 4440 / 1 point

A client computer is the computer on which users accomplish specific tasks.

- 1) True
- 2) False

Question 4450 / 1 point

The cost of a P2P network is slightly greater than the cost of a client/server network.

- 1) True
- 2) False

Question 4460 / 1 point

It is not possible to configure a client/server network for home use.

- 1) True
- 2) False

Question 4470 / 1 point

In a peer-to-peer network, one computer acts as the server.

- 1) True
- 2) False

Question 4480 / 1 point

P2P networks are more commonly used in small businesses than in homes.

- 1) True
- 2) False

Question 4490 / 1 point

MAN stands for mobile area network.

- 1) True
- 2) False

Question 4500 / 1 point

When a network is created to provide Internet access to a specific geographic area, that network will generally be designated as a MAN.

- 1) True
- 2) False

Question 4510 / 1 point

Twisted-pair cable is made up of plastic or glass fibers that transmit data at extremely fast speeds.

- 1) True
- 2) False

Question 4520 / 1 point

Ethernet networks are always connected using twisted-pair cable technology.

- 1) True
- 2) False

Question 4530 / 1 point

All desktop and notebook systems sold today are network ready.

- 1) True
- 2) False

Question 4540 / 1 point

Most computers today come with Ethernet adapters already installed.

- 1) True
- 2) False

Question 4550 / 1 point

A switch is a network navigation device that merely retransmits a signal to all other nodes attached to it.

- 1) True
- 2) False

Question 4560 / 1 point

A P2P network needs network operating system software installed on every node.

- 1) True
- 2) False

Question 4570 / 1 point

The Mac OS does NOT support P2P networking.

- 1) True
- 2) False

Question 4580 / 1 point

Current wireless Ethernet networks in the United States are based on the IEEE 802.3 standard.

- 1) True
- 2) False

Question 4590 / 1 point

A network-ready device is a device that might be attached to a network but still has to connect to a networked computer first.

- 1) True
- 2) False

Question 4600 / 1 point

Although 802.11n will work with 802.11g adapters, you will not achieve 802.11n data transfer rates unless all adapters are 802.11n.

- 1) True
- 2) False

Question 4610 / 1 point

It is generally better to extend your wired network using wireless technology than to use repeaters or splice cable.

- 1) True
- 2) False

Question 4620 / 1 point

Wireless networks are more vulnerable to attack than wired networks.

- 1) True
- 2) False

Question 4630 / 1 point

WEP is a stronger form of security than WAP.

- 1) True
- 2) False

Question 4640 / 1 point

The practice of piggybacking is illegal in many places.

- 1) True
- 2) False

Question 4650 / 1 point

A firewall can come in either software or hardware form.

- 1) True
- 2) False

Question 4660 / 1 point

Limiting your signal range does not help increase wireless network security.

- 1) True
- 2) False

Chapter_08

0 / 1 point

Digital formats are descriptions of signals as _____.

- 1) waves
- 2) light

- ➡ 3) a long string of numbers
- 4) sound

Question 468 0 / 1 point

Images are a representation of light waves called _____ or continuous waves.

- 1) modular
- 2) digital
- 3) pattern
- ➡ 4) analog

Question 469 0 / 1 point

_____ is the use of equipment to provide voice communications over a distance.

- ➡ 1) Telephony
- 2) Digital conversion
- 3) VoIP
- 4) Digital-to-analog conversion

Question 470 0 / 1 point

What is Android?

- ➡ 1) an operating system for cell/smartphones
- 2) a type of application software
- 3) a utility program for all mobile digital devices
- 4) a form of antivirus software

Question 471 0 / 1 point

The Apple iPhone uses a version of _____ as an operating system.

- 1) Windows Mobile
- ➡ 2) Mac OS X
- 3) Linux
- 4) Red Hat

Question 472 0 / 1 point

The operating system of a cell phone is stored in _____.

- 1) RAM
- 2) the CPU
- ➡ 3) ROM
- 4) the transceiver

Question 473 0 / 1 point

The most full-featured and powerful cell phones are put in the category of _____.

- 1) pocket computers
- 2) digital phones
- 3) personal digital assistants
- ➡ 4) smartphones

Question 474 0 / 1 point

An analog-to-digital converter chip _____.

- 1) converts the sound waves from a voice into digital signals
- 2) converts digital sound waves into analog sound waves
- 3) converts written data into sound waves
- 4) converts letters from the keyboard into digital format

Question 475

0 / 1 point

A base transceiver station receives a request for cellular service and passes that request to a central location called a _____.

- 1) cellular request station
- 2) mobile conversion station
- 3) mobile switching center
- 4) cellular switching tower

Question 476

0 / 1 point

The newest cell/smartphone displays are _____, which allow bright, sharp imaging and draw less power.

- 1) high-resolution LCD
- 2) CRT
- 3) HD LCD
- 4) OLED

Question 477

0 / 1 point

A(n) _____ is included in a cell phone to handle the compression of data for it to be quickly transmitted to another phone.

- 1) analog-to-digital converter
- 2) digital signal processor
- 3) codec
- 4) compression utility

Question 478

0 / 1 point

LogMeIn is an example of a _____.

- 1) voice-recognition system
- 2) remote access service for mobile devices
- 3) GPS system
- 4) type of smartphone

Question 479

0 / 1 point

Which of the following uses radio waves to transmit data signals over short distances and does not need a direct line of sight?

- 1) VoIP
- 2) infrared
- 3) wireless access protocol
- 4) Bluetooth

Question 480

0 / 1 point

Ensuring that two devices, for example, a PC and a cell phone or smartphone, have the same files is the process of _____.

- 1) syndicating

- 2) synchronizing
- 3) unifying
- 4) standardizing

Question 481 0 / 1 point

Text messaging is also called _____.

- 1) text messaging system (TMS)
- 2) sending messages shortly (SMS)
- 3) short text messaging (STM)
- 4) short message service (SMS)

Question 482 0 / 1 point

SMS delivers messages to the appropriate mobile device using _____ technology.

- 1) receive-and-forward
- 2) store-and-forward
- 3) MMS
- 4) Bluetooth

Question 483 0 / 1 point

Text prediction _____ provide a list of popular words and save typing time when using text messaging.

- 1) dictionaries
- 2) algorithms
- 3) services
- 4) accessories

Question 484 0 / 1 point

An Internet connectivity plan is also known as a _____.

- 1) text plan
- 2) data plan
- 3) mobile plan
- 4) network plan

Question 485 0 / 1 point

Which of the following is specialized software made to display Web pages on a cell phone?

- 1) minibrowser
- 2) cell phone browser
- 3) microbrowser
- 4) wireless browser

Question 486 0 / 1 point

Web content specially designed for viewing via a cell phone or smartphone is written in a format called _____.

- 1) HTML (Hypertext Markup Language)
- 2) SGML (Standard Generalized Markup Language)
- 3) WML (Wireless Markup Language)

4) XML (Extensible Markup Language)

Question 487

0 / 1 point

Opera Mobile is an example of _____.

- 1) a microbrowser
- 2) SmartMedia
- 3) a smartphone
- 4) a wireless ISP

Question 488

0 / 1 point

All of the following are advantages of VoIP EXCEPT:

- 1) low or free cost.
- 2) portability.
- 3) reliability.
- 4) the ability to make calls from any WiFi hotspot.

Question 489

0 / 1 point

_____ is a form of voice-based Internet communication that turns a standard Internet connection into a means to place phone calls, including long-distance calls.

- 1) G3
- 2) EDGE
- 3) VoIP
- 4) Digital Voice

Question 490

0 / 1 point

An iPod is an example of a _____.

- 1) personal digital assistant (PDA)/smartphone
- 2) personal information manager
- 3) portable media player (PMP)
- 4) digital information manager

Question 491

0 / 1 point

A portable media player can play files with all of the following file extensions EXCEPT:

- 1) .wmv.
- 2) .mp3.
- 3) .mp4.
- 4) .doc.

Question 4920 / 1 point

Which of the following is the process of sharing files between two or more computers?

- 1) peer-to-peer (P2P) sharing
- 2) direct sharing (DS)
- 3) computer-to-computer (C2C) sharing
- 4) person-to-person (P2P) sharing

Question 493

0 / 1 point

Flash memory, used by most MP3 players, is a type of _____.

- 1) volatile memory
- 2) vibrant memory
- 3) nonvolatile memory
- 4) nonvibrant memory

Question 494 0 / 1 point

To transfer files from your computer to a portable media player (PMP), most newer PMPs use a _____ port or a FireWire port.

- 1) multimedia
- 2) serial
- 3) USB 2.0
- 4) parallel

Question 495 0 / 1 point

Which of the following describes the number of times an analog wave is measured each second during an analog-to-digital conversion?

- 1) converting rate
- 2) conversion rate
- 3) simplifying rate
- 4) sampling rate

Question 496 0 / 1 point

Which of the following allows you to download and play music with restrictions enforced about its use?

- 1) purchased downloads
- 2) tethered downloads
- 3) secure digital downloads
- 4) tied-down downloads

Question 497 0 / 1 point

Which of the following statements is NOT true about the JPEG file format?

- 1) JPEGs are compressed.
- 2) JPEGs lose minor image detail.
- 3) JPEGs are larger than raw files.
- 4) JPEG stands for Joint Photographic Experts Group.

Question 498 0 / 1 point

MPEG-4, H.264, and DivX are all examples of _____.

- 1) codecs
- 2) file formats
- 3) video editing programs
- 4) regulations for saving video files

Question 499 0 / 1 point

_____ is a single cable that carries all audio and video information from devices connected to a TV to the TV itself.

- 1) HDMI

- 2) HD
- 3) Ethernet
- 4) Coaxial

Question 500 0 / 1 point

Broadcasting your video to a live audience over the Web is referred to as _____.

- 1) Internet casting
- 2) podcasting
- 3) streaming casting
- 4) webcasting

Question 501 0 / 1 point

_____ is a special copyleft license used for software.

- 1) GNU
- 2) Creative Commons
- 3) Attribution licensing
- 4) Noncommercial licensing

Question 502 0 / 1 point

A _____ runs a full-featured operating system and weighs less than two pounds.

- 1) PDA
- 2) PIM
- 3) smartphone
- 4) netbook

Question 503 0 / 1 point

The language used to create Web documents that are shown on mobile devices is called _____.

Your Answer: (WML)

Question 504 0 / 1 point

MMS stands for Multimedia Message Service.

- 1) True
- 2) False

Question 5050 / 1 point

Text prediction algorithms provide a list of popular words and save typing time when using text messaging.

- 1) True
- 2) False

Question 5060 / 1 point

MMS allows you to save all, none, or part of a message.

- 1) True
- 2) False

Question 5070 / 1 point

You can send messages that include text, sound, images, and video clips using SMS.

- 1) True
- 2) False

Question 5080 / 1 point

There are more virus attacks on cell phone and smartphones than there are on PCs.

- 1) True
- 2) False

Question 5090 / 1 point

The Apple iPhone uses a Microsoft operating system.

- 1) True
- 2) False

Question 5100 / 1 point

A virtual phone number can be assigned to your cell phone or smartphone to keep your true number private.

- 1) True
- 2) False

Question 5110 / 1 point

Cell phones can fall victim to viruses.

- 1) True
- 2) False

Question 5120 / 1 point

VoIP can be considered an alternative to a traditional landline phone service.

- 1) True
- 2) False

Question 5130 / 1 point

One of the advantages of VoIP is that an interruption in power does not interrupt the ability to make calls.

- 1) True
- 2) False

Question 5140 / 1 point

Not all PMP devices are necessarily just music players.

- 1) True
- 2) False

Question 5150 / 1 point

There are digital cameras on the market that can play both music and videos.

- 1) True
- 2) False

Question 5160 / 1 point

DRM-free music is music that has been released without any digital rights management.

- 1) True
- 2) False

Question 5170 / 1 point

DRM-free music can legally be moved from system to system.

- 1) True
- 2) False

Question 5180 / 1 point


MP3 files can be played only on iPods.

- 1) True
- 2) False

Question 5190 / 1 point


The conversion rate is the number of times per second music is measured and converted into a digital value.

1) True

 2) False

Question 5200 / 1 point

When converting analog waves to digital waves, the higher the sampling rate, the more accurately the original wave can be re-created.


 1) True

2) False

Question 5210 / 1 point

Flash memory is volatile.


1) True

 2) False

Question 5220 / 1 point


Current cell phones and smartphones feature cameras that are just as powerful as stand-alone digital cameras.

1) True

 2) False

Question 5230 / 1 point


A digital camera's resolution is measured in megapixels.

 1) True

2) False

Question 5240 / 1 point


Raw files are larger than JPEG files.

 1) True

2) False

Question 5250 / 1 point


Saving a file as a JPEG actually means that you will lose a bit of detail.

 1) True

2) False

Question 5260 / 1 point

With video editing software, you can review video clips frame by frame.


 1) True

2) False

Question 5270 / 1 point

The Microsoft Video file format uses an extension of .mpg.


1) True

 2) False

Question 5280 / 1 point

An attribution license allows anyone to use, modify, and copy your work, but only for noncommercial purposes.

1) True

 2) False

Question 5290 / 1 point

Full-featured GPS systems can play MP3 files, display photos, and connect to the Internet.

- 1) True
- 2) False

Question 5300 / 1 point

WML refers to the format used to create Web content for cell phones and smartphones.

- 1) True
- 2) False

Question 5310 / 1 point

Cell phones do not require special service providers to connect to the Internet.

- 1) True
- 2) False

Question 5320 / 1 point

A microbrowser is a special Internet browser made for mobile devices.

- 1) True
- 2) False

Question 5330 / 1 point

Some cell phones come equipped with a keyboard for faster typing of e-mail and text messages.

- 1) True
- 2) False

Question 5340 / 1 point

Netbooks are more powerful than cell phones and smartphones because they run a full-featured operating system.

- 1) True
- 2) False

Chapter_09

0 / 1 point

A computer virus normally attaches itself to another computer program known as a _____.

- 1) backdoor program
- 2) Trojan horse
- 3) host program
- 4) target program

Question 536 0 / 1 point

Which of the following is formally defined as any criminal action perpetrated primarily through the use of a computer?

- 1) social networking
- 2) cybercrime
- 3) phishing
- 4) hacking

Question 537 0 / 1 point

A _____ is a virus that is triggered when certain conditions are met, such as a file opening or starting a program a certain number of times.

- 1) boot-sector virus
- 2) time bomb

- 3) logic bomb
- 4) Trojan horse

Question 538 0 / 1 point

Which type of virus was the famous Michelangelo virus?

- 1) a worm
- 2) a time bomb
- 3) a script virus
- 4) an e-mail virus

Question 539 0 / 1 point

A _____ works independently of host file execution and is much more active in spreading itself than a virus is.

- 1) DDoS
- 2) logic bomb
- 3) worm
- 4) time bomb

Question 540 0 / 1 point

A _____ is a virus that is attached to documents such as Word or Excel files.

- 1) script virus
- 2) macro virus
- 3) polymorphic virus
- 4) worm

Question 541 0 / 1 point

A(n) _____ virus runs a program that searches for common data files, compresses them, and makes them unusable.

- 1) script
- 2) encryption
- 3) macro
- 4) e-mail

Question 542 0 / 1 point

Which of the following classifications of viruses can change its own code to avoid detection?

- 1) stealth
- 2) multipartite
- 3) polymorphic
- 4) worm

Question 543 0 / 1 point

A(n) _____ virus temporarily erases its code from the files where it resides and then hides in the computer's active memory.

- 1) e-mail
- 2) logic
- 3) macro

➡ 4) stealth

Question 5440 / 1 point

With regard to computer protection, quarantining is defined as _____.

- 1) updating your antivirus software
- ➡ 2) placing a found virus in a secure area on the hard drive
- 3) repairing an infected file
- 4) deleting an infected file

Question 545

0 / 1 point

During the process of _____ the antivirus software records key attributes about the files on your computer and keeps these statistics in a safe place on your hard drive.

- 1) quarantining
- ➡ 2) inoculation
- 3) scanning
- 4) encryption

Question 546 0 / 1 point

A(n) _____ is the portion of virus code that is unique to a particular computer virus.

- ➡ 1) virus signature
- 2) encryption code
- 3) compression code
- 4) virus pattern

Question 547 0 / 1 point

Drive-by downloads occur when _____.

- 1) a hacker gains access to your wireless network
- 2) a macro virus downloads unwanted programs to your computer
- 3) software is downloaded to your computer after opening an e-mail attachment
- ➡ 4) a Web site downloads harmful software onto your computer

Question 548

0 / 1 point

A packet sniffer is a program that can enable a hacker to do all of the following EXCEPT:

- 1) use your debit card information to purchase items illegally.
- 2) assume your identity.
- 3) steal your logon and passwords for various accounts.
- ➡ 4) launch a denial of service (DoS) attack on your computer.

Question 549

0 / 1 point

The most likely method a hacker would use to access a computer is _____.

- 1) sitting down at a computer and installing hacking software
- 2) overhearing your password and log-on information
- 3) entering through a company intranet
- ➡ 4) entering through its Internet connection

Question 550

0 / 1 point

You can block logical ports to invaders and make your computer invisible to others on the Internet by installing _____.

- 1) a packet sniffer
- 2) a firewall
- 3) a packet filter
- 4) antivirus software

Question 551 0 / 1 point

Which of the following is a program that appears to be something useful or desirable but does something malicious in the background?

- 1) a Trojan horse
- 2) a virus
- 3) a worm
- 4) a zombie

Question 552 0 / 1 point

Using a _____, hackers can access and delete all files on your computer, send e-mail, run programs, and do just about anything else you can do with your computer.

- 1) Trojan horse
- 2) packet sniffer
- 3) backdoor program
- 4) DDoS

Question 553 0 / 1 point

_____ floods a computer with requests until it shuts down and refuses to answer any requests for information.

- 1) A Trojan horse
- 2) A polymorphic virus
- 3) A DDoS attack
- 4) Port blocking

Question 554 0 / 1 point

The purpose of network address translation (NAT) is to _____.

- 1) translate IP addresses from the Internet
- 2) convert logical ports to physical port configurations
- 3) hide user IP addresses from the Internet
- 4) dynamically assign IP addresses via an ISP

Question 555 0 / 1 point

Configuring a firewall to ignore all incoming packets that request access to a specific port is known as _____.

- 1) packet filtering
- 2) packet switching
- 3) static addressing
- 4) logical port blocking

Question 556 0 / 1 point

Many _____ sold for home use are also configured as firewalls and are capable of performing network address translation (NAT).

- 1) switches
- 2) network interface cards (NICs)
- 3) modems
- 4) routers

Question 557

0 / 1 point

Rules for creating passwords include all of the following EXCEPT:

- 1) keep your password a secret.
- 2) change your password frequently.
- 3) keep your password written down and stored in any easy-to-remember location.
- 4) create a hard-to-guess password, with a combination of letters, numbers, and symbols.

Question 558

0 / 1 point

Devices that use a unique personal characteristic, such as a fingerprint, in place of a password are called _____ authentication devices.

- 1) identity
- 2) personal
- 3) biological
- 4) biometric

Question 559 0 / 1 point

Adware and spyware are referred to collectively as _____.

- 1) viruses
- 2) grayware
- 3) alertware
- 4) firmware

Question 560 0 / 1 point

Spyware programs that monitor keystrokes with the intent of stealing passwords, login IDs, or credit card information are referred to as _____.

- 1) information recorders
- 2) keystroke loggers
- 3) spy loggers
- 4) keystroke spies

Question 561

0 / 1 point

_____ is an unwanted piggyback program that usually downloads with software you are installing from the Internet.

- 1) Adware
- 2) Malware
- 3) Shareware
- 4) Spyware

Question 562 0 / 1 point

_____ is doing non-work-related activities with a computer while you are being paid to do your job.

- 1) Cybersurfing
- 2) Pharming
- 3) Cyberloafing
- 4) Phishing

Question 563 0 / 1 point

Which of the following statements about cookies is NOT true?

- 1) Cookies obtain your personal information by searching your hard drive.
- 2) Cookies are text files.
- 3) Cookies help companies determine the traffic flow through their Web site.
- 4) Some companies sell the personal information found in cookies to other companies.

Question 564

0 / 1 point

All of the following can be used for backing up data files EXCEPT:

- 1) DVDs.
- 2) external hard drives.
- 3) RAM.
- 4) flash drives.

Question 565

0 / 1 point

For complete protection when backing up your files, you should use a program that creates a(n) _____ of your entire system.

- 1) disk backup
- 2) image backup
- 3) incremental backup
- 4) full backup

Question 566

0 / 1 point

Social _____ is any technique that uses social skills to generate human interaction that entices individuals to reveal sensitive information.

- 1) engineering
- 2) theft
- 3) pretexting
- 4) pharming

Question 567

0 / 1 point

A cyberspace _____ is an attempt to make someone believe something that is untrue.

- 1) prank
- 2) joke
- 3) legend
- 4) hoax

Question 568 0 / 1 point

Which of these statements about physically protecting your computer is FALSE?

- 1) Vacuum the computer's fan ducts periodically to keep airflow clear.
- 2) Power surges can be blocked by using a computer surround.
- 3) It is best to unplug computers during an electrical storm.
- 4) Old surge protectors can deliver power to your computer without protecting it.

Question 569

0 / 1 point

Which of the statements about protecting against power surges is FALSE?

- 1) A whole-house surge protector protects all electrical devices in the house.
- 2) Printers do not require power surge protection.
- 3) A power surge could ruin your computer.
- 4) Surge protectors wear out over time.

Question 570

0 / 1 point

All of the following approaches can be taken to protect your notebook computer from theft EXCEPT:

- 1) locking your notebook to a work surface.
- 2) attaching a motion alarm.
- 3) installing an external hard drive.
- 4) installing software that can signal your notebook's location.

Question 571

0 / 1 point

Theft of a computer is considered cybercrime.

- 1) True
- 2) False

Question 5720 / 1 point

Creating and spreading online viruses is a cybercrime.

- 1) True
- 2) False

Question 5730 / 1 point

Cybercriminals are usually security individuals who work in large corporations with a vast knowledge base of computing and networking.

- 1) True
- 2) False

Question 5740 / 1 point

A logic bomb is normally triggered by the passage of time or on a certain date.

- 1) True
- 2) False

Question 5750 / 1 point

Video files cannot transmit viruses.

- 1) True
- 2) False

Question 5760 / 1 point

The master boot record executes every time a computer boots up.

- 1) True
- 2) False

Question 5770 / 1 point

The terms virus and worm actually mean the same thing.

- 1) True
- 2) False

Question 5780 / 1 point

A macro virus is a virus that is attached to a document such as a Word or Excel file.

- 1) True
- 2) False

Question 5790 / 1 point

Not all scripts are malicious.

- 1) True
- 2) False

Question 5800 / 1 point

The process of inoculation occurs when antivirus software finds an infected file and moves it to a secure place on your hard drive.

- 1) True
- 2) False

Question 5810 / 1 point

A virus signature is a portion of virus code that is unique to a particular computer virus.

- 1) True
- 2) False

Question 5820 / 1 point

Currently there are no antivirus programs for mobile devices.

- 1) True
- 2) False

Question 5830 / 1 point

Instant messaging programs are susceptible to virus attacks.

- 1) True
- 2) False

Question 5840 / 1 point

Wireless networks are no more vulnerable to packet sniffers than are wired networks.

- 1) True
- 2) False

Question 5850 / 1 point

Hackers most often obtain access to someone's computer via direct access.

- 1) True
- 2) False

Question 5860 / 1 point

A worm infects a host file and waits for that file to be executed on another computer to replicate.

- 1) True
- 2) False

Question 5870 / 1 point

A zombie is another person's computer controlled by a hacker.

- 1) True
- 2) False

Question 5880 / 1 point

A person with malicious intent can take almost complete control of your computer by using a backdoor program.

- 1) True
- 2) False

Question 5890 / 1 point

A denial-of-service attack can be used to deny hackers access to a computer system.

- 1) True
- 2) False

Question 5900 / 1 point

You are more vulnerable to a hacker attack on a Linux system than you are on a Windows system.

- 1) True
- 2) False

Question 5910 / 1 point

The Windows operating system has built-in password protection of files as well as the entire desktop.

- 1) True
- 2) False

Question 5920 / 1 point

To create a secure password, you should use both uppercase and lowercase letters.

- 1) True
- 2) False

Question 5930 / 1 point

When creating a password, it's best to pick a password that is easy to remember, such as your birth date.

- 1) True
- 2) False

Question 5940 / 1 point

You should use the same password for each system or Web site you need to access.

- 1) True
- 2) False

Question 5950 / 1 point

An incremental backup backs up the files on a computer that have changed since the last time a backup was performed.

- 1) True
- 2) False

Question 5960 / 1 point

Network address translation (NAT) is used to assign internal IP addresses on a network.

- 1) True
- 2) False

How many steps are there in the system development life cycle?

- 1) 4
- 2) 5
- 3) 6
- 4) 10

Question 5980 / 1 point

What is the first step of the system development life cycle?

- 1) design
- 2) analysis
- 3) problem and opportunity identification
- 4) development and documentation

Question 599

0 / 1 point

During which phase of the system development life cycle are flowcharts and data-flow diagrams developed?

- 1) design
- 2) analysis
- 3) development and documentation
- 4) testing and installation

Question 600

0 / 1 point

What is the final step of the system development life cycle?

- 1) testing and installation
- 2) maintenance and evaluation
- 3) analysis
- 4) design

Question 601

0 / 1 point

What does a development steering committee in a large corporation typically do?

- 1) handles evaluation of systems development proposals
- 2) handles feasibility assessment determinations
- 3) assists in coding and debugging a new proposed project
- 4) determines the success of development systems projects

Question 602

0 / 1 point

In a _____ system, each step is dependent on the previous step being completed first.

- 1) top-down
- 2) rapid development
- 3) bottom-up
- 4) waterfall

Question 603

0 / 1 point

_____ is the process of translating a task into a series of commands that a computer will use to perform that task.

- 1) SDLC
- 2) Programming

- 3) Flowcharting
- 4) Diagramming

Question 604 0 / 1 point

Which of the following is the first stage of the program development life cycle (PDLC)?

- 1) making the plan
- 2) coding
- 3) writing the plan
- 4) describing the problem

Question 605 0 / 1 point

Which of the following is the final stage of the program development life cycle (PDLC)?

- 1) making the plan
- 2) coding
- 3) finishing the project
- 4) debugging the code

Question 606 0 / 1 point

Which of the following is/are NOT part of a program's problem statement?

- 1) inputs, or the data that is expected to be provided
- 2) outputs, or the information that is expected to be produced
- 3) pseudocode, or the text-based approach to documenting the algorithm
- 4) processing, or the set of steps that transform input into output

Question 607 0 / 1 point

Information is most closely related to which of the following?

- 1) input
- 2) methods
- 3) output
- 4) processes

Question 608 0 / 1 point

A(n) _____ is a set of specific, sequential steps that describe in natural language exactly what the computer must do to complete its task.

- 1) flowchart
- 2) algorithm
- 3) problem statement
- 4) software program

Question 609 0 / 1 point

Which of the following provides a representation of patterns that an algorithm comprises?

- 1) flowchart
- 2) SQL
- 3) source code
- 4) VB

Question 610 0 / 1 point

_____ is a text-based approach to documenting an algorithm.

- 1) Flowcharting
- 2) Pseudocode
- 3) Diagramming
- 4) Flow analysis

Question 611 0 / 1 point

Which of the following statements about pseudocode is TRUE?

- 1) It is a basic programming language.
- 2) It uses shapes and arrows to represent an algorithm.
- 3) It is a text-based approach to documenting an algorithm.
- 4) It is used only with the C++ programming language.

Question 612

0 / 1 point

A _____ is a visual diagram of a process, including the decisions that need to be made along the way.

- 1) structure chart
- 2) Gantt chart
- 3) data-flow diagram
- 4) flowchart

Question 613

0 / 1 point

Decision points consist of binary decisions and _____.

- 1) logical operators
- 2) Boolean values
- 3) repeating loops
- 4) functions

Question 614

0 / 1 point

Keywords in a programming language that redirect the flow of a program based on a decision are called _____.

- 1) pseudocode
- 2) control structures
- 3) directions
- 4) operators

Question 615

0 / 1 point

The loop decision point consists of three features: an initial value, a set of actions to be performed, and a(n) _____.

- 1) class
- 2) operator
- 3) test condition
- 4) testing plan

Question 616

0 / 1 point

The two main types of decision points are the binary decision and the _____.

- 1) circle

2) initial value

3) loop

4) variable

Question 617 0 / 1 point

The method of algorithm creation used when a programmer breaks down a problem into a series of high-level tasks and continues to break each task into successively more detailed subtasks is called _____.

1) object-oriented analysis

2) top-down design

3) bottom-up design

4) coding design

Question 618 0 / 1 point

With object-oriented analysis, programmers identify categories of input that are part of the problem into _____.

1) blocks

2) classes

3) units

4) tables

Question 619 0 / 1 point

In object-oriented programming, _____ allows a new class to automatically pick up all the data and methods of an existing class.

1) reusability

2) regression

3) compilation

4) inheritance

Question 620 0 / 1 point

One of the earliest languages is _____.

1) BASIC

2) machine language

3) COBOL

4) C++

Question 621 0 / 1 point

BASIC, FORTRAN, COBOL, C++, and Java are all _____-generation languages.

1) first

2) second

3) third

4) fourth

Question 622 0 / 1 point

The capability of moving a completed programming solution easily from one type of computer to another is known as _____.

1) portability

2) scalability

- 3) transferability
- 4) inheritance

Question 623 0 / 1 point

PROLOG is an example of a _____.

- 1) 2GL
- 2) 3GL
- 3) 4GL
- 4) 5GL

Question 6240 / 1 point

Which statement does NOT describe fifth-generation languages?

- 1) They are the most "natural" of languages.
- 2) Problems are presented as a series of facts or constraints instead of as a specific algorithm.
- 3) They use a set of short, English-based commands (such as SUB) that speak directly to the CPU.
- 4) The system of facts can be queried.

Question 625

0 / 1 point

SQL is an example of a _____-generation language.

- 1) second
- 2) third
- 3) fourth
- 4) fifth

Question 626 0 / 1 point

Translating an algorithm into a programming language is called _____.

- 1) ~~interpreting~~
- 2) compiling
- 3) coding
- 4) executing

Question 627 0 / 1 point

A variable declaration tells the operating system to allocate storage space _____.

- 1) on the bus
- 2) in RAM
- 3) in the CPU
- 4) on the hard drive

Question 628 0 / 1 point

The process by which program code is converted into machine language is called _____.

- 1) documentation
- 2) variable declaration
- 3) compilation
- 4) execution

Question 629

0 / 1 point

The binary sequence that instructs the CPU to run the programming code is called a(n) _____.

- 1) source file
- 2) executable program
- 3) base code
- 4) interpreted program

Question 630

0 / 1 point

_____ is the instructions programmers have written in a higher-level language.

- 1) Executable code
- 2) Base code
- 3) Compiled code
- 4) Source code

Question 631

0 / 1 point

An editor is a:

- 1) program that helps compile code.
- 2) tool that helps programmers as they enter program code, highlighting keywords and alerting them to typos.
- 3) tool that helps programmers write, compile, and test their programs.
- 4) program that translates code into binary 1s and 0s, ignores comments, and helps programmers input correct, appropriate code.

Question 632

0 / 1 point

A(n) _____ error is caught when the program executes.

- 1) internal
- 2) syntax
- 3) runtime
- 4) execution

Question 633 0 / 1 point

Most IDEs include a debugger that _____.

- 1) helps programmers find runtime errors
- 2) eliminates viruses
- 3) helps programmers find logical errors
- 4) corrects errors found during beta testing

Question 634

0 / 1 point

Which of the following is the only modern language that was specifically designed as a teaching language but is no longer frequently taught?

- 1) Pascal
- 2) C++
- 3) Java
- 4) FORTRAN

Question 635 0 / 1 point

Which statement about selecting the right programming language for a project is FALSE?

- 1) Some programming languages might take up too much space for a particular project.
- 2) Programming languages require the same amount of time to execute.
- 3) Select a language that is easy for programmers to use and maintain.
- 4) Certain languages are customized to support a UNIX or Windows environment.

Question 636

0 / 1 point

_____ is a powerful programming language used to build a wide range of Windows applications.

- 1) Visual Basic
- 2) PHP
- 3) BASIC
- 4) HTML

Question 637 0 / 1 point

An alternative approach to systems development, called _____, makes use of a prototype at the beginning of the project.

- 1) the waterfall method
- 2) rapid application development (RAD)
- 3) the iterative method
- 4) integrated development (ID)

Question 638

0 / 1 point

Why was the C language initially developed?

- 1) to more easily produce efficient code
- 2) to access data more easily across platforms
- 3) to make accessing the operating system easier
- 4) to offer a powerful programming language to build a wide range of Windows applications

Question 639

0 / 1 point

Which language do programmers use if the problem requires a lot of number crunching?

- 1) C++
- 2) HTML
- 3) FORTRAN
- 4) Java

Question 640 0 / 1 point

Some programmers include scroll bars, title bars, buttons, and menus in a program simply by adding them to a layout through a process called _____ programming.

- 1) visual
- 2) drag and drop
- 3) layout
- 4) applications

Question 641 0 / 1 point

Which of the following statements about Java is FALSE?

- 1) Its object-oriented model enables programmers to benefit from its large set of existing classes.
- 2) Java can run only on a Windows operating system.
- 3) The Java program can run on any CPU or operating system.
- 4) Java needs to be compiled only once.

Question 642

0 / 1 point

Which of the following statements describes dynamic decision making?

- 1) It occurs during the second phase of the SDLC.
- 2) It is the ability of a Web page to decide how to display itself based on choices the reader makes.
- 3) It is an alternative method used in system design.
- 4) It is part of the flowcharting phase of algorithm creation.

Question 643

0 / 1 point

Small Java-based programs are called _____.

- 1) Java classes
- 2) JSPs
- 3) JavaScripts
- 4) Java applets

Question 644 0 / 1 point

Special symbols called tags are used in which of the following languages?

- 1) BASIC
- 2) Java
- 3) HTML/XHTML
- 4) C++

Question 645 0 / 1 point

A _____ is a program that a Web site uses to make information available to other Web sites.

- 1) Web site
- 2) Web service
- 3) Web page
- 4) Web program

Question 646 0 / 1 point

Which of the following development environments enables Web sites to talk to each other easily by introducing a standard way for software to interact through Web services?

- 1) RAD
- 2) the .NET Framework
- 3) JavaScript
- 4) PHP (hypertext preprocessor)

Question 647 0 / 1 point

Which of the following would NOT be used to build Web sites with interactive capabilities?

- 1) Active Server Pages

2) PHP (hypertext preprocessor)

3) Java

4) Java Server Pages

Question 648

0 / 1 point

To develop Web-based multimedia, Adobe Flash includes a programming language named _____, which is similar to JavaScript in its keywords, operators, and classes.

1) SilverLight

2) ActionScript

3) Active Server Pages

4) LimeLight

Question 649

0 / 1 point

In object-oriented programming, each object from a given class is described by its _____.

1) derived class

2) initial value

3) data and methods

4) input and output

Question 650

0 / 1 point

Who is responsible for writing internal documentation for software programs?

1) copy editors

2) technical writers

3) programmers

4) users

Question 651

0 / 1 point

Which language is used for applications that need to collect information from networked computers?

1) HTML

2) Java

3) COBOL

4) FORTRAN

Question 652

0 / 1 point

Where will you find Xcode?

1) shipped with Windows 7

2) shipped with OS X

3) as an add-on as a downloadable compiler

4) as code behind Web pages

Question 653

0 / 1 point

Corona and Magmito can be used to develop _____.

1) complex Web applications

2) apps for smartphones

3) Mac software

4) Web pages

Question 654

0 / 1 point

_____ enables users to define their own tags and facilitates exchange of information between Web sites.

- 1) HTML
- 2) XHTML
- 3) XML
- 4) PHP

Question 655 0 / 1 point

People, human resources, can appropriately be included in an information system.

- 1) True
- 2) False

Question 6560 / 1 point

An information system is the set of steps that needs to be followed to ensure that software development proceeds in an orderly fashion.

- 1) True
- 2) False

Question 6570 / 1 point

The SDLC is primarily a set of steps.

- 1) True
- 2) False

Question 6580 / 1 point

Data-flow diagrams trace all data in an information system from the point at which data enters the system to its final resting place.

- 1) True
- 2) False

Question 6590 / 1 point

The problem and opportunity identification step of the SDLC always involves launching a new product or breaking into a new market.

- 1) True
- 2) False

Question 6600 / 1 point

Actual programming takes place in the development and documentation step of the SDLC.

- 1) True
- 2) False

Question 6610 / 1 point

Assuming that a project is deemed feasible, the process moves directly to the development and documentation phase.

- 1) True
- 2) False

Question 6620 / 1 point

During the program debugging stage, the software is tested by the people who will use the program.

- 1) True
- 2) False

Question 6630 / 1 point

In the problem and opportunity identification stage of the SDLC, corporations usually struggle to develop a sufficient pool of ideas to consider developing.

- 1) True
- 2) False

Question 6640 / 1 point

During the analysis stage of the SDLC, an algorithm is written in programming code.

- 1) True
- 2) False

Question 6650 / 1 point

The work of programming begins after a project is deemed feasible and a plan is in place.

- 1) True
- 2) False

Question 6660 / 1 point

Data is the raw input that users have at the start of the job.

- 1) True
- 2) False

Question 6670 / 1 point

Debugging and error handling are the same thing.

- 1) True
- 2) False

Question 6680 / 1 point

Algorithms are limited to computing applications.

- 1) True
- 2) False

Question 6690 / 1 point

Pseudocode is a text-based approach to documenting an algorithm.

- 1) True
- 2) False

Question 6700 / 1 point

The standard set of vocabulary for pseudocode is very specific and detailed.

- 1) True
- 2) False

Question 6710 / 1 point

A data-flow diagram provides a visual representation of an algorithm.

- 1) True
- 2) False

Question 6720 / 1 point

A control structure allows a programmer to redirect the flow of a program based on a decision.

- 1) True
- 2) False

Question 6730 / 1 point

The first physical import point to look for in a loop is the test condition.

- 1) True
- 2) False

Question 6740 / 1 point

Top-down design is a very open-ended approach in which a problem is broken into numerous, unrelated parts to later be coded.

- 1) True
- 2) False

Question 6750 / 1 point

When programmers need to create several different examples of a class, each is known as an object.

- 1) True
- 2) False

Question 6760 / 1 point

Inheritance refers to one fully-functioning program transferring the functionality to another newly-developing program.

- 1) True
- 2) False

Question 6770 / 1 point

First-generation programming languages use symbols and commands to help programmers tell the computer what to do.

- 1) True
- 2) False

Question 6780 / 1 point

PROLOG is an example of a fourth-generation programming language.

- 1) True
- 2) False

Question 6790 / 1 point

SQL is an example of a fourth-generation language.

- 1) True
- 2) False

Question 6800 / 1 point

If else errors are violations of the strict, precise set of rules that defines the programming language.

- 1) True
- 2) False

Question 6810 / 1 point

A binary sequence that instructs a CPU to run code is known as an interpreted program.

- 1) True
- 2) False

Question 6820 / 1 point


Each programming language has its own specific IDE.

- 1) True
- 2) False

Question 6830 / 1 point


A compiler is an add-on tool; it is not a program.

- 1) True

 2) False


Question 6840 / 1 point

Available space and required speed are two considerations when choosing a programming language.

-  1) True
2) False


Question 6850 / 1 point

Boolean data types are used to represent true-false values.

-  1) True
2) False


Question 6860 / 1 point

if else and *For Next* are examples of keywords.

-  1) True
2) False


Question 6870 / 1 point

int, *float*, *char*, and *bool* are examples of operators.

- 1) True
 2) False


Question 6880 / 1 point

It is not possible to use the mouse in any programming language.

- 1) True
 2) False


Question 6890 / 1 point

Rapid application development (RAD) is a model used to help designers quickly adapt to changes in program specifications.

- 1) True
 2) False


Question 6900 / 1 point

C++ has better security, additional keywords, and more support for reuse than C does.

-  1) True
2) False


Question 6910 / 1 point

JavaScript is a scripting language that can be used to add interactivity to Web pages.

-  1) True
2) False


Question 6920 / 1 point

Adobe Flash is a software product for developing Web-based multimedia.

-  1) True
2) False

Question 6930 / 1 point

ASP, JSP, and PHP are examples of programming languages that are used to develop number crunching applications.

- 1) True
 2) False

Question 6940 / 1 point

Microsoft's new SilverLight product supports the development of multimedia Web applications.

- 1) True
- 2) False

Question 6950 / 1 point

As programs get larger and more complex, the capability to be compiled instantaneously will become less important.

- 1) True
- 2) False

Chapter_11

0 / 1 point

Which of the following is a reason for creating a list instead of creating a database?

- 1) to organize data for simple tasks
- 2) to prevent data inconsistency
- 3) to prevent data redundancy
- 4) to make it easier to share data in a central location

Question 697

0 / 1 point

If a business keeps two lists, one for employee payroll and one for employee benefit information, both containing name and address information, this is an example of data _____.

- 1) integrity
- 2) redundancy
- 3) completeness
- 4) normalization

Question 698

0 / 1 point

Data _____ means that the data contained in a database is accurate and reliable.

- 1) efficiency
- 2) integrity
- 3) redundancy
- 4) consistency

Question 699

0 / 1 point

_____ helps to ensure data integrity by maintaining information in only one place.

- 1) Data flexibility
- 2) Data redundancy
- 3) Data mapping
- 4) Data centralization

Question 700

0 / 1 point

Which of the following is NOT a typical disadvantage associated with databases?

- 1) Databases can be expensive to set up.
- 2) Databases are usually more complex to administer.
- 3) Databases are more complex to construct.
- 4) Database information cannot be changed once it is entered.

Question 701

0 / 1 point

An individual trained in the design and building of databases is called a database _____.

- 1) master
- 2) technician
- 3) administrator
- 4) analyst

Question 702 0 / 1 point

In a database, a _____ is synonymous with a category of information.

- 1) field
- 2) record
- 3) row
- 4) table

Question 7030 / 1 point

Which of the following is NOT a database component?

- 1) field
- 2) list
- 3) record
- 4) table

Question 7040 / 1 point

Which of the following is NOT a common data type in a database?

- 1) hyperlink
- 2) memo
- 3) object
- 4) figure

Question 705 0 / 1 point

In a database, _____ fields store numbers used to perform calculations.

- 1) date
- 2) numeric
- 3) computational
- 4) alphanumeric

Question 706 0 / 1 point

In a database, a video clip would be stored in a(n) _____ field.

- 1) text
- 2) object
- 3) memo
- 4) hyperlink

Question 707 0 / 1 point

To store a Web address, use a(n) _____ field in a database.

- 1) hyperlink
- 2) object

- 3) address
- 4) memo

Question 708 0 / 1 point

_____ defines the maximum number of characters or numbers that a particular field can hold.

- 1) Type size
- 2) Max size
- 3) Field size
- 4) Text size

Question 709 0 / 1 point

In a database, a record is a:

- 1) group of related fields.
- 2) category of information.
- 3) cluster of adjacent cells.
- 4) collection of tables.

Question 710 0 / 1 point

Which of the following is NOT a likely primary key?

- 1) driver's license number
- 2) street address
- 3) student ID number
- 4) Social Security number

Question 711 0 / 1 point

A unique field is called a primary key or a _____ field.

- 1) key
- 2) data
- 3) validation
- 4) referential

Question 712 0 / 1 point

_____ databases have the largest market share among the primary types of electronic databases.

- 1) Relational
- 2) Flat-file
- 3) Multidimensional
- 4) Object-oriented

Question 713 0 / 1 point

Which of the following is NOT a type of electronic database?

- 1) object-oriented
- 2) flat-file
- 3) multidimensional
- 4) relational

Question 714 0 / 1 point

In a relational database, what is a relationship?

- 1) a table that contains related data
- 2) the primary key in the database
- 3) the links among databases
- 4) the array of tables in a database

Question 715

0 / 1 point

Nontraditional data such as audio clips, video clips, pictures, and very large documents are called _____ data.

- 1) enterprise
- 2) structured
- 3) unstructured
- 4) multidimensional

Question 716

0 / 1 point

Unstructured data such as video clips and pictures are known as _____ because of the way they are encoded.

- 1) hyperlink fields
- 2) multidimensional data
- 3) binary large objects (BLOBs)
- 4) metadata

Question 717

0 / 1 point

Which of the following statements about object-oriented databases is FALSE?

- 1) They are more complex than relational databases.
- 2) They use a query language to access and manage data.
- 3) They are good at handling unstructured data.
- 4) They store data in table format.

Question 718

0 / 1 point

Which type of database excels in the storage of structured, analytical data?

- 1) relational
- 2) hierarchical
- 3) multidimensional
- 4) object-oriented

Question 719

0 / 1 point

Data in a multidimensional database is organized in a _____ format.

- 1) linear
- 2) table
- 3) cube
- 4) cellular

Question 720 0 / 1 point

_____ databases can easily be customized to provide information to a variety of users (based on their need) and can process data much faster than pure relational databases.

- 1) Hierarchical

- 2) Multidimensional
- 3) Object-oriented
- 4) Structured

Question 721

0 / 1 point

What does the acronym DBMS stand for?

- 1) database modeling system
- 2) database management system
- 3) data building and modeling system
- 4) data browsing and management system

Question 722

0 / 1 point

Microsoft _____ is a database management system.

- 1) Visio
- 2) Publisher
- 3) Access
- 4) Project

Question 723 0 / 1 point

Which of the following is NOT a standard DBMS operation?

- 1) sorting data
- 2) querying data
- 3) outputting data
- 4) graphing data

Question 724

0 / 1 point

A data dictionary is also called a(n) _____.

- 1) information system
- 2) summary report
- 3) relation
- 4) database schema

Question 725

0 / 1 point

When creating a database with a DBMS, you must create a description of the data called the _____.

- 1) data type
- 2) data dictionary
- 3) data mine
- 4) data warehouse

Question 726

0 / 1 point

When a user sees a field in a database with a value prior to changing the value (if needed), the user sees a _____.

- 1) default value
- 2) relation
- 3) field type

4) numeric check

Question 727 0 / 1 point

A _____ check allows you to set credits allowed for students during one quarter from 0 to 21.

1) completeness

2) range

3) consistency

4) numeric

Question 728 0 / 1 point

A _____ check determines if all required fields were entered with appropriate data.

1) completeness

2) range

3) consistency

4) numeric

Question 729 0 / 1 point

A _____ displays a subset of data from a table (or tables) based on the criteria specified.

1) database query

2) join query

3) select query

4) criteria query

Question 730 0 / 1 point

SQL uses _____ to extract records from a database by using English-like expressions that have variables and operations.

1) Boolean algebra

2) relational algebra

3) primary keys

4) foreign keys

Question 731 0 / 1 point

When you want to extract data from two or more tables, you use a(n) _____ query.

1) select

2) join

3) relational

4) object

Question 732 0 / 1 point

In Access, the Simple Query Wizard uses _____ to create a query.

1) ICQ

2) OQL


3) SQL

4) DQL

Question 7330 / 1 point


_____ is reordering records in a database.

- 1) Filtering
- 2) Alphabetizing
- 3) Querying

 4) Sorting


Question 734 0 / 1 point

A database _____ instructs a database to search for particular pieces of data.

-  1) query
- 2) template
 - 3) formula
 - 4) function


Question 735 0 / 1 point

Data from a database that, in electronic form, is formatted for another application is known as _____.

-  1) exporting
- 2) importing
 - 3) batch processing
 - 4) data mining


Question 736 0 / 1 point

A _____ relationship indicates that for a record in one table, there can be many related records in another table.

- 1) many-to-one
-  2) one-to-many
- 3) one-to-one
 - 4) single-to-many


Question 737 0 / 1 point

_____ means that for each value in the foreign key of one table, there is a corresponding value in the primary key of another table.

-  1) Referential integrity
- 2) Normalization
 - 3) Database consistency
 - 4) Record integrity

Question 738 0 / 1 point

_____ is the process of reducing data redundancy by recording data only once.

- 1) Consistency checking
 - 2) Validation
-  3) Normalization
- 4) Range checking

Question 739 0 / 1 point

A data _____ is a large-scale electronic repository of data that contains and organizes all of an organization's data in one place.

- 1) mart

2) chain

3) warehouse

4) storehouse

Question 740 0 / 1 point

Data staging consists of all of the following steps EXCEPT:

1) transformation of data.

2) mining of data.

3) storage of data in a warehouse.

4) extraction of data.

Question 741 0 / 1 point

A(n) _____ is designed to improve communications and assist employees in accomplishing their daily tasks.

1) office support system

2) transaction-processing system

3) management information system

4) decision support system

Question 742 0 / 1 point

In a transaction-processing system (TPS), if the TPS database is queried and updated while the transaction is taking place, this is called _____ processing.

1) direct

2) batch

3) real-time

4) immediate

Question 743 0 / 1 point

In a transaction-processing system, if transaction data is accumulated until a certain point and then many transactions are processed all at once, this is called _____ processing.

1) delayed

2) batch

3) real-time

4) group

Question 744 0 / 1 point

Exception reports and summary reports are part of a(n) _____.

1) transaction-processing system

2) office support system

3) management information system

4) decision support system

Question 745 0 / 1 point

Management information systems provide reports called _____, that show conditions that are unusual or need attention from users of the system.

1) detail reports

2) summary reports

- ➡ 3) exception reports
- 4) expert reports

Question 746 0 / 1 point

The speech-recognition feature of Microsoft Windows is an example of a _____.

- ➡ 1) natural language processing (NLP) system
- 2) decision support system (DSS)
- 3) management information system (MIS)
- 4) database management system (DBMS)

Question 747 0 / 1 point

An example of _____ would be customer demographic data purchased from third parties or statistics compiled by the federal government.

- 1) internal data
- ➡ 2) external data
- 3) imported data
- 4) metadata

Question 748 0 / 1 point

In a data warehouse, data gathered from sales, billing, and inventory departments are examples of _____ sources.

- ➡ 1) internal data
- 2) external data
- 3) metadata
- 4) exported data

Question 749 0 / 1 point

The type of information system that uses model management systems is a(n) _____.

- 1) transaction-processing system
- 2) management information system
- ➡ 3) decision support system
- 4) office support system

Question 750 0 / 1 point

An expert system and a natural language processing system are both _____.

- 1) transaction-processing systems
- ➡ 2) knowledge-based systems
- 3) office support systems
- 4) database management systems

Question 751 0 / 1 point

Classification, affinity grouping, and estimation are _____ methods used by managers to make their data more meaningful.

- 1) modeling
- 2) staging
- 3) artificial intelligence

4) data mining

Question 752

0 / 1 point

_____ is the branch of computer science that deals with the attempt to create computers that think like humans.

- 1) Natural language processing
- 2) Expert system

3) Artificial intelligence

4) Enterprise resource planning

Question 753

0 / 1 point

If a numeric field has a size of 7, which is the highest number it can hold?

1) 7

2) 9999999

3) 7777777

4) 700,000

Question 754 0 / 1 point

Oracle Database 11g is an example of which type of database?

1) primary database

2) multidimensional database

3) object-oriented database

4) flat-file database

Question 755

0 / 1 point

Data redundancy results when duplicate information is entered into a database.

1) True

2) False

Question 7560 / 1 point

A database is a collection of related data that can be easily stored, sorted, organized, and queried.

1) True

2) False

Question 7570 / 1 point

A pressing problem of lists is the inability of the listed data to be easily shared.

1) True

2) False

Question 7580 / 1 point

Data centralization is a common feature of databases.

1) True

2) False

Question 7590 / 1 point

A common disadvantage of databases is that databases are often flexibly organized.

1) True

2) False

Question 7600 / 1 point

A numeric data field type can hold a dollar sign (\$).

- 1) True
- 2) False

Question 7610 / 1 point

A group of related fields is known as a table.

- 1) True
- 2) False

Question 7620 / 1 point

An employee's ID number, name, company position, address, city, state, and zip makes up a record.

- 1) True
- 2) False

Question 7630 / 1 point

Primary key fields must contain a unique value for each record.

- 1) True
- 2) False

Question 7640 / 1 point

Employees' last name would usually make an appropriate key field.

- 1) True
- 2) False

Question 7650 / 1 point

Primary keys have to be numbers that are entered by the user.

- 1) True
- 2) False

Question 7660 / 1 point

Relational databases store more types of data than object-oriented databases.

- 1) True
- 2) False

Question 7670 / 1 point

An advantage of multidimensional databases is that they can easily be customized for a variety of users.

- 1) True
- 2) False

Question 7680 / 1 point

Feature attributes describe the measure attribute of a multidimensional database in some meaningful way.

- 1) True
- 2) False

Question 7690 / 1 point

A data dictionary defines the name, data type, and length of each field in the database.

- 1) True
- 2) False

Question 7700 / 1 point

A first name field should have a default value.

- 1) True
- 2) False

Question 7710 / 1 point

Most databases cannot import data from other software applications.

- 1) True
- 2) False

Question 7720 / 1 point

Alphabetic as well as numeric data can be entered in an alphabetic field.

- 1) True
- 2) False

Question 7730 / 1 point

Viewing records of a database can also be referred to as browsing.

- 1) True
- 2) False

Question 7740 / 1 point

Only Microsoft Access and MySQL use Structured Query Language.

- 1) True
- 2) False

Question 7750 / 1 point

A database query is a question that a user asks of a database.

- 1) True
- 2) False

Question 7760 / 1 point

All current DBMSs contain a query language that the software uses to retrieve and display requested records.

- 1) True
- 2) False

Question 7770 / 1 point

Database query output can be imported into Microsoft Word.

- 1) True
- 2) False

Question 7780 / 1 point

In a many-to-many relationship, a single record in one table can have many corresponding records in a related table.

- 1) True
- 2) False

Question 7790 / 1 point

In a relational database, when two tables have a common field, the link between the tables is known as a hyperlink.

- 1) True
- 2) False

Question 7800 / 1 point

A foreign key in one table is the primary key of another table and is used to establish relationships with that other table.

- 1) True
- 2) False

Question 7810 / 1 point

A record is a category of information in a database.

- 1) True
- 2) False

Question 7820 / 1 point

Normalization reduces data redundancy by recording data only once.

- 1) True
- 2) False

Question 7830 / 1 point

For a relationship to be established between two tables, fields with common data must be present.

- 1) True
- 2) False

Question 7840 / 1 point

There does not necessarily have to be a common field between two tables to establish a relationship.

- 1) True
- 2) False

Question 7850 / 1 point

Knowledge-based systems support the concept of normal logic.

- 1) True
- 2) False

Question 7860 / 1 point

The text of the Gettysburg Address would be stored in a text field.

- 1) True
- 2) False

Question 7870 / 1 point

Artificial intelligence (AI) is the branch of computer science that deals with the attempt to create computers that think like humans.

- 1) True
- 2) False

Question 7880 / 1 point

Data integrity means that the data contained in the database is accurate and reliable.

- 1) True
- 2) False

Question 7890 / 1 point

Normalization means that there are no data entry errors in a database.

- 1) True
- 2) False

Question 7900 / 1 point

A data warehouse must include data that pertains only to one time period.

- 1) True
- 2) False

Question 7910 / 1 point

A data warehouse can be populated with external sources such as suppliers and vendors.

- 1) True

2) False

Question 7920 / 1 point

A transaction-processing system (TPS) keeps track of everyday business activities.

1) True

2) False

Question 7930 / 1 point

Real-time processing means that transactions are accumulated and then a number of transactions are processed at once.

1) True

2) False

Question 7940 / 1 point

In data mining, classification involves organizing data into similar subgroups of data.

1) True

2) False

Question 7950 / 1 point

A summary report shows unusual conditions or conditions that need system users' attention.

1) True

2) False

Question 7960 / 1 point

Data warehousing is the process by which great amounts of data are analyzed and investigated with the purpose of spotting significant patterns or trends.

1) True

2) False

Question 7970 / 1 point

Data mining is the process by which great amounts of data are analyzed and examined.

1) True

2) False

Question 7980 / 1 point

The information in a data mart spans an entire enterprise.

1) True

2) False

Chapter_12

0 / 1 point

Which of the following is NOT an advantage of using networks as compared to a stand-alone computer?

1) enhanced resource sharing

2) increased productivity

3) increased communication capabilities

4) ease of maintenance and administration

Question 800

0 / 1 point

A _____ allows multiple users to connect to the Internet through one connection.

1) file server

2) hub

3) network

4) packet screener


Question 801 0 / 1 point

A _____ is a group of two or more computers, or nodes, configured to share information and resources.

1) router


2) bus

3) bridge

 4) network

Question 802 0 / 1 point

_____ networks contain servers as well as computers that individual users access and use.

 1) Client/server

2) Peer-to-peer

3) Switch

4) CSMA/CD

Question 803 0 / 1 point

_____ networks do not require a dedicated server.

1) Client/server


 2) Peer-to-peer

3) Intranet

4) Extranet

Question 804 0 / 1 point

Client/server networks are said to be _____, in that many tasks can be carried out on the server.

 1) centralized


2) independent

3) autonomous

4) stand-alone

Question 805 0 / 1 point

The inclusion of _____ is what differentiates a client/server network from a peer-to-peer network.

 1) servers

2) a hub

3) laptops

4) cables


Question 806 0 / 1 point

A _____ is a network used to connect computers in very close proximity, with wired or wireless connectivity.

1) WAN

2) LAN

3) MAN

 4) PAN

Question 8070 / 1 point

A _____ uses the public Internet communications infrastructure to build a secure, private network.

- 1) LAN
- 2) WAN
- 3) VPN
- 4) MAN

Question 8080 / 1 point

A(n) _____ is used exclusively within a corporation.

- 1) VPN
- 2) intranet
- 3) extranet
- 4) Internet

Question 809 0 / 1 point

A(n) _____ server tracks who is logging on to the network as well as which services on the network are available to each user.

- 1) gateway
- 2) authentication
- 3) dedicated
- 4) file

Question 810 0 / 1 point

Which of the following is FALSE about servers?

- 1) Servers are the workhorses of the client/server network.
- 2) Servers interface with many different network users.
- 3) A file server stores and manages files for a network.
- 4) All networks require at least two servers.

Question 811

0 / 1 point

A(n) _____ server is a server that stores and manages files for network users.

- 1) file
- 2) e-mail
- 3) print
- 4) database

Question 812 0 / 1 point

A print server uses a print _____ as a software holding area for printing jobs.

- 1) stack
- 2) queue
- 3) buffer
- 4) spooler

Question 813 0 / 1 point

A(n) _____ server handles all interaction between a network and other networks, including managing Internet connectivity.

- 1) e-mail
- 2) communications

- 3) applications
- 4) database

Question 814 0 / 1 point

Which of the following servers is most often the only device on a network connected to the Internet?

- 1) E-mail server
- 2) File server
- 3) Applications server
- 4) Communications server

Question 815 0 / 1 point

When a client computer connects to a network and requests the use of Microsoft Office 2010, for example, the _____ server delivers the software to the client computer.

- 1) communication
- 2) database
- 3) application
- 4) file

Question 816 0 / 1 point

Which of the following is NOT a common network topology?

- 1) star
- 2) cluster
- 3) bus
- 4) ring

Question 817 0 / 1 point

A(n) _____ is a set of rules for how information and communication is exchanged.

- 1) protocol
- 2) token
- 3) switch
- 4) packet

Question 818 0 / 1 point

Which of the following topologies has primarily become legacy technology?

- 1) ring
- 2) star
- 3) hierarchical
- 4) bus

Question 819 0 / 1 point

Which network topology is considered a passive topology because its nodes do nothing to help the data move through the network?

- 1) star
- 2) bus
- 3) mesh
- 4) cluster

Question 820 / 1 point

Which of the following networks is most known for data collisions?

- 1) star
- 2) bus
- 3) hierarchical
- 4) cluster

Question 821 0 / 1 point

A _____ is passed from computer to computer around the ring of a ring topology network.

- 1) packet
- 2) protocol
- 3) proxy
- 4) token

Question 822 0 / 1 point

A _____ is used at the end of a bus network.

- 1) terminator
- 2) possessed object
- 3) packet
- 4) network adaptor

Question 823 0 / 1 point

Which of the following is the most commonly used client/server network topology?

- 1) star
- 2) cluster
- 3) ring
- 4) hierarchical

Question 824 0 / 1 point

The star topology uses a _____ to connect all network nodes.

- 1) terminator
- 2) gateway
- 3) switch
- 4) router

Question 825 0 / 1 point

What is CSMA/CD?

- 1) Type of network topology
- 2) A special signal of a star network
- 3) Method used to avoid data collisions
- 4) The central communication device on a star or ring network

Question 826

0 / 1 point

In a network that uses the star topology, the signal that is sent to indicate a signal collision is called a _____ signal.

- 1) hit

- 2) crash
- 3) stop

4) jam

Question 8270 / 1 point

A _____ topology is created when more than one topology is used to build a network.

- 1) hybrid
- 2) multiple-use
 - 3) fusion
 - 4) crossover

Question 828 0 / 1 point

Which of the following networks has high scalability, which means adding computers as needed is easy?

- 1) star
- 2) ring
 - 3) bus
 - 4) hybrid

Question 8290 / 1 point

Which of the following is something you would NOT consider when choosing a cable type?

- 1) bandwidth
 - 2) cable cost
- 3) cable radius
- 4) bend radius

Question 830 0 / 1 point

Which of the following causes interference when a cable is exposed to strong electromagnetic fields?

- 1) EMI
- 2) RFI
 - 3) STP
 - 4) IEEE

Question 8310 / 1 point

_____ cable consists of pairs of copper wires twisted around each other and covered by a protective sheath.

- 1) Coaxial
 - 2) Fiber-optic
- 3) Twisted-pair
- 4) Polycarbonate

Question 832 0 / 1 point

_____ cable is NOT subject to electromagnetic interference or radio frequency interference.


- 1) Twisted-pair
- 2) Fiber-optic
- 3) Polycarbonate

4) Coaxial

Question 833 0 / 1 point


Cable television, as well as some networks, uses _____ cable.

- 1) fiber-optic
- 2) unshielded twisted-pair
- 3) shielded twisted-pair

 4) coaxial


Question 834 0 / 1 point

Which cable type is the most costly to install?

-  1) fiber-optic
- 2) twisted-pair
 - 3) ThinNet coaxial
 - 4) ThickNet coaxial


Question 835 0 / 1 point

Which is NOT a networking protocol?

- 1) Apple File Protocol (AFP)
 - 2) NetBIOS Extended User Interface (NetBEUI)
 - 3) Internet Packet Exchange (IPX)
-  4) HyperText Transfer Protocol (HTTP)


Question 836 0 / 1 point

Which layer of the OSI model sets up a virtual connection between the communications devices on a network?

-  1) session
- 2) transport
 - 3) physical
 - 4) application


Question 837 0 / 1 point

Which of the following is something a network adapter does NOT do?

- 1) It uses high-powered signals so data can move easily over network transmission media.
 - 2) It allows or denies access to the computer in which it is installed.
-  3) It verifies that all information transmitted from the computer is correctly received by the recipient.
- 4) It breaks down data and puts it into packets.

Question 838 0 / 1 point

What is another name for the physical address assigned to each network adapter?

- 1) network access control (NAC)
 - 2) physical address control (PAC)
 - 3) network physical address (NPA)
-  4) media access control (MAC)

Question 839 0 / 1 point

What is the name for a group of data packets that are sent together?

- 1) frame
- 2) plot
- 3) switch
- 4) token

Question 8400 / 1 point

A _____ sends data from one collision domain to another.

- 1) switch
- 2) bridge
- 3) link
- 4) band

Question 8410 / 1 point

Which of the following devices are used to send data between two networks?

- 1) repeaters
- 2) switches
- 3) hubs
- 4) routers

Question 842 0 / 1 point

Ring networks use the _____ method to avoid data collisions.

- 1) packet screening
- 2) active-check
- 3) token
- 4) passive-check

Question 843 0 / 1 point

A _____ keeps your computer safe by confirming who is trying to access it.

- 1) gateway
- 2) firewall
- 3) hub
- 4) switch

Question 844 0 / 1 point

_____ are often equipped to act as hardware firewalls.

- 1) Repeaters
- 2) Switches
- 3) Jammers
- 4) Routers

Question 845 0 / 1 point

Packet _____ is a form of protection for your computer that looks at each packet that comes into your computer network.

- 1) viewing
- 2) browsing

3) filtering

4) screening

Question 846 0 / 1 point

A(n) _____ server acts as a liaison between an intranet and the Internet.

1) proxy

2) intermediate

3) transition

4) surrogate

Question 847 0 / 1 point

A(n) _____ needs to be installed on each client computer and server connected to the network to provide the services necessary for them to communicate.

1) application software

2) network operating system

3) protocol guideline

4) switch

Question 848 0 / 1 point

A(n) _____ address is the address external entities use to communicate with your network.

1) AL

2) MAC

3) WI

4) IP

Question 8490 / 1 point

A(n) _____ server provides client computers with access to information stored in databases.

1) Web

2) file

3) database

4) print

Question 850 0 / 1 point

Networks enable enhanced communication.

1) True

2) False

Question 8510 / 1 point

A disadvantage of operating a network is the special equipment and software that a network requires.

1) True

2) False

Question 8520 / 1 point

Databases can be shared in a network, but printers cannot be shared.

1) True

2) False

Question 8530 / 1 point

In a client/server network, each network node communicates directly with every other node on the network.

- 1) True
- 2) False

Question 8540 / 1 point

The flow of data is more efficient in a client/server network than in a peer-to-peer network.

- 1) True
- 2) False

Question 8550 / 1 point

Peer-to-peer networks become difficult to administer when they are expanded beyond three users.

- 1) True
- 2) False

Question 8560 / 1 point

In a typical college network, backups of student files are typically done on a server.

- 1) True
- 2) False

Question 8570 / 1 point

In a peer-to-peer network, security can be handled by the server.

- 1) True
- 2) False

Question 8580 / 1 point

An international company like Microsoft would use a MAN to connect all of its computers.

- 1) True
- 2) False

Question 8590 / 1 point

The computer lab at your school or the network serving the floor of the office building where you work is probably a LAN.

- 1) True
- 2) False

Question 8600 / 1 point

An extranet is a private network of a corporation that is used exclusively by company employees.

- 1) True
- 2) False

Question 8610 / 1 point

Intranets and extranets often use VPN to keep information secure.

- 1) True
- 2) False

Question 8620 / 1 point

The main technology for achieving a VPN is called channeling.

- 1) True
- 2) False

Question 8630 / 1 point

A Web server is a server that stores and manages files for network users.

- 1) True
- 2) False

Question 8640 / 1 point

Database servers, e-mail servers, and communications servers are all examples of dedicated servers.

- 1) True
- 2) False

Question 8650 / 1 point

Printing is a function that takes very little CPU time on a network.

- 1) True
- 2) False

Question 8660 / 1 point

An application server does not require you to install and upgrade the software on the network client computers.

- 1) True
- 2) False

Question 8670 / 1 point

With a database server, multiple users can access the same database information at the same time.

- 1) True
- 2) False

Question 8680 / 1 point

Rackspace Hosting is a company most associated with Web servers.

- 1) True
- 2) False

Question 8690 / 1 point

An Ethernet network is a type of network topology.

- 1) True
- 2) False

Question 8700 / 1 point

A bus topology network is most often deployed as a peer-to-peer network.

- 1) True
- 2) False

Question 8710 / 1 point

All computers in a bus network connect to a single cable.

- 1) True
- 2) False

Question 8720 / 1 point

Data flows in both directions in a ring network.

- 1) True
- 2) False

Question 8730 / 1 point

Passing a token from computer to computer is most closely associated with a bus network.

- 1) True
- 2) False

Question 8740 / 1 point

In an active topology, each node participates in moving data through the network.

- 1) True
 2) False

Question 8750 / 1 point

Two computers cannot begin transmitting a data signal at the same time in a star network.

- 1) True
 2) False

Question 8760 / 1 point

A jam signal is a special signal sent to all network nodes alerting them that a collision has occurred.

- 1) True
 2) False

Question 8770 / 1 point

Star topologies are popular when fair allocation of network access is a major requirement.

- 1) True
 2) False

Question 8780 / 1 point

Coaxial and fiber-optic are two common cable types used by business networks.

- 1) True
 2) False

Question 8790 / 1 point

UTP cable has the greatest bandwidth.

- 1) True
 2) False

Question 8800 / 1 point

Fiber-optic cable allows bidirectional (two-way) data transmission.

- 1) True
 2) False

Question 8810 / 1 point

Each network computer requires a network adapter to enable it to communicate on a network.

- 1) True
 2) False

Question 8820 / 1 point

An NOS only needs to be installed on a server rather than on each individual client computer.

- 1) True
 2) False

Question 8830 / 1 point

Crosstalk interference is the tendency of signals on one twisted-pair wire to interfere with signals on a wire next to it.

- 1) True
 2) False

Chapter_13

0 / 1 point

_____ funded the development of technologies that would eventually become the Internet.

- 1) The United Nations

2) Japan

3) The United States government

4) The EU

Question 885

0 / 1 point

_____ is the main suite of protocols used on the Internet.

1) FTP

2) TCP/IP

3) SMTP

4) UDP

Question 886 0 / 1 point

_____ is the organization responsible for the Internet's domain name system and IP address allocation.

1) ISOC

2) ICANN

3) W3C

4) IAB

Question 887 0 / 1 point

_____ is a consortium of more than 300 member organizations that develops Web protocols and standards.

1) IETF

2) ISOC

3) ICANN

4) W3C

Question 888 0 / 1 point

The main path, analogous to an interstate highway system, of the Internet along which data travels the fastest is known as the Internet _____.

1) open system

2) highway

3) backbone

4) cache

Question 889 0 / 1 point

_____ lines are high-speed, fiber-optic communications lines.

1) T

2) OC

3) DSL

4) Cable

Question 890 0 / 1 point

A typical _____ is made up of one or more network switches to which ISPs connect.

1) Internet exchange point

2) router point

3) gateway interface

4) point of presence

Question 891

0 / 1 point

Which of the following has the greatest bandwidth?

- 1) OC-768
- 2) T-1 lines
- 3) OC-48
- 4) T-3 lines

Question 892 0 / 1 point

Individual Internet users enter an ISP through a(n) _____.

- 1) NAP
- 2) T line
- 3) OC line
- 4) point of presence

Question 893

0 / 1 point

The majority of Internet communications follow the _____ model of network communications.

- 1) client/server
- 2) peer-to-peer
- 3) circuit switching
- 4) IXP

Question 894

0 / 1 point

When you access CNN or Intel's Web site you are accessing it through a _____ server.

- 1) commerce
- 2) DNS
- 3) file
- 4) Web

Question 895 0 / 1 point

Computers that typically use special security protocols to protect personal, sensitive buyer information are known as _____ servers.

- 1) online
- 2) commerce
- 3) file
- 4) Web

Question 896 0 / 1 point

A set of rules for exchanging electronic information is called _____.

- 1) handshaking
- 2) a computer protocol
- 3) DHCP
- 4) an open system protocol

Question 897

0 / 1 point

_____ protocols refers to design made public for access by any interested party.

- 1) Communication
- 2) Computer
- 3) Open system
- 4) Internet

Question 898 0 / 1 point

_____ uses a dedicated connection between two points with the connection remaining active for the duration of the transmission.

- 1) Packet switching
- 2) An open circuit
- 3) Circuit switching
- 4) A closed circuit

Question 899 0 / 1 point

_____ is the communications methodology where data is broken into smaller chunks to be sent over various routes at the same time.

- 1) Packet switching
- 2) Handshaking
- 3) Circuit switching
- 4) Packaging

Question 900 0 / 1 point

Sending a movie trailer over the Internet would be most appropriate as _____ protocol.

- 1) Real-time Transport
- 2) connection-oriented
- 3) User Datagram
- 4) TCP/IP

Question 901 0 / 1 point

A _____ protocol requires two computers to exchange control packets before sending data.

- 1) Real-time Transport
- 2) connection-oriented
- 3) User Datagram
- 4) TCP/IP

Question 902 0 / 1 point

Which protocol prepares data for transmission but has no resending capabilities?

- 1) UDP
- 2) Telnet
- 3) HTTP
- 4) TCP

Question 9030 / 1 point

Which protocol transfers HTML data from servers to browsers?

- 1) UDP
- 2) FTP

- 3) HTTP
- 4) TCP

Question 9040 / 1 point

If you regularly download and upload files, chances are that you are using _____.

- 1) UDP
- 2) FTP
- 3) Telnet
- 4) MIME

Question 9050 / 1 point

A(n) _____ is a unique number that identifies a computer, server, or device connected to the Internet.

- 1) TCP address
- 2) IP address
- 3) CGI address
- 4) NetBIOS address

Question 906 0 / 1 point

A(n) _____ is an IP address that is assigned from an available pool of IP addresses.

- 1) dynamic address
- 2) static address
- 3) assigned address
- 4) mobile address

Question 907 0 / 1 point

IPv6 is a(n) _____.

- 1) Internet transmission protocol
- 2) interdomain routing system
- 3) transmission method for e-mail messages
- 4) IP addressing scheme

Question 908 0 / 1 point

An IP address that does not change and is usually assigned manually by a network administrator is called a(n) _____.

- 1) dynamic address
- 2) static address
- 3) fixed address
- 4) stationary address

Question 909 0 / 1 point

A(n) _____ server takes a pool of IP addresses and shares them with hosts on the network on an as-needed basis.

- 1) DOM
- 2) DHCP
- 3) CDIR
- 4) CGI

Question 9100 / 1 point

Which of the following statements concerning IPv4 addresses is FALSE?

- 1) The addresses are 16-bit numbers.
- 2) IPv4 is the original IP address scheme.
- 3) The addresses contain four octets.
- 4) In binary, each octet of an IP address contains eight positions.

Question 911

0 / 1 point

When checking to see if a particular name is registered on the Internet, your computer consults a database that is maintained on a(n) _____ server.

- 1) DNS
- 2) URL
- 3) Internet
- 4) Web

Question 912 0 / 1 point

Which of the following was created especially for the transfer of hypertext documents across the Internet?

- 1) SSL
- 2) HTTP
- 3) TLS
- 4) HTTPS

Question 913 0 / 1 point

Transport Layer Security (TLS) and _____ are two protocols that provide data integrity and security for Internet transmission.

- 1) Secure Sockets Layer (SSL)
- 2) Pretty Good Privacy (PGP)
- 3) HyperText Transfer Protocol (HTTP)
- 4) public-key encryption

Question 914

0 / 1 point

At a minimum, what content must all data packets contain?

- 1) recipient's address, sender's address, reassembling instructions, and data
- 2) sender's address, packet size, reassembling instructions, and data
- 3) sender's address, packet type, packet size, and data
- 4) recipient's address, reassembling instructions, packet size, and data

Question 915

0 / 1 point

_____ provides a methodology by which a browser can request that a program file be run instead of just being delivered to the browser.

- 1) PGP
- 2) ACK
- 3) POP
- 4) CGI

Question 9160 / 1 point

Which protocol is used to transmit e-mail over the Internet?

- 1) FTP
- 2) SMTP
- 3) HTTP
- 4) VoIP

Question 9170 / 1 point

Which of the following specifications is used to simplify attachments to e-mail messages?

- 1) UDP
- 2) Telnet
- 3) MIME
- 4) FTP

Question 9180 / 1 point

Which of the following statements concerning IP addresses is TRUE?

- 1) Static IP addresses change often.
- 2) Dynamic IP addresses are assigned manually by a network administrator.
- 3) ISPs must maintain a pool of IP addresses for all of their subscribers.
- 4) Dynamic addressing is normally handled by DHCP.

Question 919

0 / 1 point

_____ provides a methodology whereby your browser can request that a program be executed (run) instead of just being delivered to the browser.

- 1) HTML
- 2) CGI
- 3) FTP
- 4) UDP

Question 9200 / 1 point

The root DNS servers know the location of all DNS servers that contain the master listings for an entire _____.

- 1) IP address
- 2) subdomain
- 3) Web site
- 4) top-level domain

Question 921

0 / 1 point

Which of the following statements concerning HTML and XHTML is FALSE?

- 1) XHTML is the successor to HTML.
- 2) HTML and XHTML are considered server-side programs.
- 3) HTML and XHTML are sets of rules for marking up blocks of text for display by a Web browser.
- 4) HTML and XHTML documents are merely text documents with tags applied to them.

Question 922

0 / 1 point

Text such as `This should be bolded.` is an example of an HTML _____.

- 1) element
- 2) script
- 3) instruction
- 4) marker

Question 923 0 / 1 point

What has spawned Mathematical Markup Language and Wireless Markup Language?

- 1) HTML
- 2) HTTPS
- 3) XML
- 4) XHTML

Question 924 0 / 1 point

It is estimated that _____ percent of e-mail is spam.

- 1) 10
- 2) 25
- 3) 50
- 4) 97

Question 9250 / 1 point

_____ is the ability of two or more people to communicate in text over the Internet in real time.

- 1) VoIP
- 2) Texting
- 3) Remote handshaking
- 4) Instant messaging

Question 926 0 / 1 point

_____ are lists of statements that use a single location to specify how to display HTML/XHTML elements.

- 1) HTML tags
- 2) Applets
- 3) Key pairs
- 4) Cascading style sheets (CSS)

Question 927 0 / 1 point

A(n) _____ is a small program that resides on a server designed to be downloaded and run on a client computer.

- 1) CGI script
- 2) style sheet
- 3) applet
- 4) hypertext document

Question 928 0 / 1 point

In public-key encryption, two keys, known as _____ are created one for coding, one for decoding.

- 1) code keys
- 2) public/private keys
- 3) keytags

4) key pair

Question 929 0 / 1 point

Which protocol uses standard Internet connections to make phone calls over the Internet?

- 1) FTP
- 2) SMTP
- 3) HTTP

4) VoIP

Question 9300 / 1 point

Which of the following is NOT an example of an instant messenger service?

- 1) GoogleTalk
- 2) AOL Instant Messenger
- 3) Jabber

4) Google Docs

Question 931 0 / 1 point

Cascading style sheets have a hierarchy of styles that include all of the following EXCEPT:

- 1) independent.
- 2) external.
 - 3) embedded.
 - 4) inline.

Question 932 0 / 1 point

There is no single entity in charge of the Internet.

- 1) True
- 2) False

Question 9330 / 1 point

IAB is a professional membership society that provides leadership for the orderly growth and development of the Internet.

- 1) True
- 2) False

Question 9340 / 1 point

A T line carried digital data over high-speed, fiber-optic line.

- 1) True
- 2) False

Question 9350 / 1 point

The majority of home computers or home networks connect to the Internet through OC lines.

- 1) True
- 2) False

Question 9360 / 1 point

The majority of Internet communications follow the peer-to-peer network model.

- 1) True
- 2) False

Question 9370 / 1 point

File servers provide remote storage space.

- 1) True
- 2) False

Question 9380 / 1 point

You can discover your IP address from the What Is My IP Web site.

- 1) True
- 2) False

Question 9390 / 1 point

Voice over Internet Protocol (VoIP) turns a standard Internet connection into a way to make free long-distance phone calls.

- 1) True
- 2) False

Question 9400 / 1 point

Packet switching is the communications methodology where data is broken into smaller chunks that are sent over various routes at the same time.

- 1) True
- 2) False

Question 9410 / 1 point

An applet is a small application that resides on a server but is downloaded to, and run on, the client computer.

- 1) True
- 2) False

Question 9420 / 1 point

For packets to be sent by the IP protocol, UDP must be present.

- 1) True
- 2) False

Question 9430 / 1 point

IPv6 uses eight groups of 16-bit numbers.

- 1) True
- 2) False

Question 9440 / 1 point

HTML and XHTML are programming languages.

- 1) True
- 2) False

Question 9450 / 1 point


The first tag, <i>, tells the browser that the text that follows the tag should be italicized.

- 1) True
- 2) False

Question 9460 / 1 point

There is no way to see the HTML code of a Web page.


- 1) True

 2) False

Question 9470 / 1 point


A negative acknowledgment indicates that a data packet has not been sent.

1) True

 2) False

Question 9480 / 1 point


The addressing scheme, classless interdomain routing (CIDR), allows a single IP address to represent several unique IP addresses by adding a network prefix to the end of the last octet.

 1) True

2) False

Question 9490 / 1 point


Domains are organized by level.

 1) True

2) False

Question 9500 / 1 point


When you enter a URL in your browser, the URL is converted to an IP address.

 1) True

2) False

Question 9510 / 1 point

All CGI scripts are placed into a cgi-bin directory created by a network administrator who configures the Web server that is being accessed.


 1) True

2) False

Question 9520 / 1 point


XML technologies allow Web pages to change after they have been loaded.

1) True

 2) False

Question 9530 / 1 point

Dynamic HTML (DHTML) is a combination of XHTML/HTML, JavaScript, and cascading style sheets.


 1) True

2) False

Question 9540 / 1 point


Java and JavaScript refer to the same language.

1) True

 2) False

Question 9550 / 1 point

VoIP is vulnerable to some of the same threats as e-mail.


 1) True

2) False

Question 9560 / 1 point

A replay attack occurs when a hacker attempts to create and send packets of data in anticipation that the receiver will mistakenly open it.


1) True

 2) False

Question 9570 / 1 point


HTML/XHTML describes content in terms of what data is being described rather than how it is to be displayed.

1) True

 2) False

Question 9580 / 1 point

Like e-mail, VoIP uses packet switching as the method of transferring data.


 1) True

2) False

Question 9590 / 1 point

JavaScript commands are executed on a server computer.


1) True

 2) False

Question 9600 / 1 point

E-mail uses the IMAP protocol to simplify attachments to e-mail messages.


1) True

 2) False

Question 9610 / 1 point


There are no real benefits to using dynamic IP addressing versus static IP addressing.

1) True

 2) False

Question 9620 / 1 point

Dynamic IP addressing is accomplished using a DHCP server.


 1) True

2) False

Question 9630 / 1 point

Most instant messaging services provide a high level of encryption for their messages.


1) True

 2) False

Question 9640 / 1 point

A cascading style sheet (CSS) is a list of statements that defines in multiple locations how to display HTML/XHTML elements.


1) True

 2) False

Question 9650 / 1 point

A computer protocol is a set of rules for exchanging paper information.

1) True

 2) False