

The most powerful type of computer is a supercomputer

The Internet is an example of a peer-to-peer network. FALSE

A number system referred to as HEXADECIMAL is used to represent color in digital graphics

A group of eight bits is called a hex is FALSE

A digitally literate person has a increased opportunity for employment is TRUE

A KIOSK is an example of a computer assigned to a special task

Users of iPods and iPhones are well acquainted with the process of SYNCHRONIZING files

A tablet PC's key feature is its touch screen is TRUE

Information store in the clouds is accessible at any time with or without internet connect is FALSE

Cloud computing is not possible without AN INTERNET CONNECTION

A byte can represent up to 256 units of information

A computer can process information in both digital and analog formats is FALSE

Personal computers are only available in two platforms: Microsoft Windows and Apple Mac is FALSE

An example of digital convergence is our smart phone which combines many digital functions into one device is TRUE

ASCII is the standard used to represent KEYBOARD CHARACTERS in digital form with 1s and 0s

A large tower case that houses a desktop PC's circuit boards is known as the SYSTEM UNIT

A popular term used to identify devices such as the iPad is known as a TABLET PC

A computer relies on the combination of HARDWARE AND SOFTWARE to operate

Solid state technology has made mobile storage lightweight and accessible is TRUE

Typical CLOUD computer providers deliver common software online that are accessed from another web service or software

An IPOD is classified as a special-purpose computer

In a distributed network, individuals in an organization can access data from a central location is TRUE

One thing to consider when choosing a mobile device is BATTERY LIFE

The purpose of a mobile computer device is to store personal information on the go is FALSE

A computing platform is a crucial element in software development is TRUE

All of the following are examples of uses for embedded systems except CLOUD COMPUTERS

A general purpose computer relies on the SOFTWARE being used to perform an activity

A bit has two states, left or right IS TRUE

A computer uses PIXELS to display an image after it has been digitized

Typical CLOUD computing providers deliver common software online that are accessed from another Web service or software

The DESKTOP computer platform provides a lot of computing power, such as gaming, at a single location

Microsoft Internet Explorer is NOT an example of a computing platform

A computer literate individual is expected to understand how a computer operates and its uses is TRUE

A computer that manages information uses a DATABASE to organize and deliver it

A(n) MUD online game is text-based and very interactive

A popular web server software today is Apache

ISPs control the flow of data packets over the internet is TRUE

In a packet switched network, data are divided into small data packets for more efficient communication is TRUE

A user's network activity can be tracked by checking the username for an IP address at a given time, and the port activity associated with that address is TRUE

Combining voice, video, and data communications into one interface is known as UNIFIED communications

Internet users rely on internet hosts to provide information and services is TRUE

A HYPERLINK is an element in an electronic document – a word, a phrase, or an image – that, when clicked, opens a related document

Airlines take advantage of SMART PHONE technology to inform users of flight delays and itinerary changes

A cascading style sheet file can be identified by its .CSS extension

As internet BANDWIDTH continues to increase, streaming video and television are becoming commonplace

A popular compressed music format is MP3

A peer-to-peer network takes advantage of a central server to share information is FALSE

A search engine attempts to catalog every web page by topic through the use of a ____ (NOT TRACKER OR PETABYTE)

CSS provides a consistent design and appearance to a web site is TRUE

An ISP is a company that provides a subscriber with access to the internet

A PEER-TO-PEER network is used when a user wants to make their computer and others' computers available for access

Cookie files contain DATA

Hackers can gain access to computer systems through the use of PORTS

BitTorrent is an example of a client/server relationship is FALSE

Creating a NETWORK allows you to connect computers together and share resources such as files, software, processors, storage and printers.

An HTML tag is displayed inside parentheses is FALSE

Businesses often use VoIP systems to control file sharing on their networks is FALSE

The internet backbone uses mostly FIBER OPTIC cabling for transmitting data between users

A SERVER computer is typically a powerful computer that can accommodate a large amount of user requests simultaneously

The internet protocol defines the format and addressing scheme used for emailing is FALSE

A well-known range of PORT NUMBERS is reserved by convention to identify specific service types provided by host computers

An evolving extension of the web, known as the SEMANTIC web, will access information more intelligently and perform tasks on behalf of users

It is much easier for people to remember DOMAIN NAMES than IP addresses of web sites

The internet has become an important part of daily life for only businesses and professionals is FALSE

A VoIP system supports voice and ____ services (NOT AUDIO)

A cookie file is stored on a user's computer is TRUE

A popular plug in that enables users to view animations and videos and interact with games and other multimedia content created with the flash program is known as ADOBE FLASH PLAYER

Microsoft Outlook is an example of a client in a client/server relationship is TRUE

A web PORTAL is a web page that combines useful information and links and acts as an entry point to the web

Data PACKETS travel over the internet from router to router until reaching their destinations

A type of computer connection that provides internet service through a phone line that services both the internet and your phone is DSL

One feature of Internet2 technology is SPEED

A web browser is categorized as application software is TRUE

Competing with LIE is RFID, a similar technology used by cellular carriers such as Verizon is FALSE

A smart phone is a small, lightweight device that receives signals from transmitters for the purpose of communications and messaging is FALSE

A cell phone and a garage door opener operate at the same frequency level is FALSE

A CELLULAR network includes transmission towers that connect to area handsets

Network management software is capable of simplifying tasks such as ____ (NOT ENSURING COMPLIANCE)

A VPN expands the boundaries of a company's intranet to include networks outside of its Local Area Network setting.

Devices attached to a network are identified as ____ (NOT ROUTERS)

Adding a data plan to a standard voice plan is unlikely to increase subscription cost is FALSE

A pager receives signals from TRANSMITTERS

Restaurants use PAGERS to signal their patrons when a table is ready

A typical setup for a HOME network would include a wireless router connected to an ISP

Cell phone towers have a limited communication range of one mile IS FALSE

A (ALL OF THE ABOVE, INCLUDING SATELLITES NETWORK ADAPTERS AND CELL PHONE TOWERS) is considered a telecommunications device that sends and receives signals.

An advantage of a home network is the ability to back-up data IS TRUE

A protocol and standard are terms that have the same meaning when defining the format of communication devices IS FALSE

A DSL modem is similar to a satellite connection and provides high-speed Internet service over telephone lines IS FALSE

GPS technology has become popular in social networking IS TRUE

A PERSONAL Area Network is the interconnection of personal information technology devices, typically wirelessly, within the range of an individual.

RADIO SPECTRUM, part of the electromagnetic spectrum, refers to all of the frequencies available for radio waves from about 10 KHz to 300 GHz and their assigned uses.

FIBER-OPTIC is a popular cable type used as network backbone by major telecommunications companies.

High end radio waves include infrared light and ALL OF THE ABOVE (MICROWAVES, GAMMA RAYS, AND X-RAYS)

In most closed-in areas, Wi-Fi technology has a maximum range of 250-1,000 FEET

Analog systems were designed to support voice communications is TRUE

It is typically inexpensive and easy to change your cellular carrier once you have signed a contract is FALSE

Connecting two local area networks to share information becomes a personal area network is FALSE

Fiber-optic cabling sends signals much slower than twisted pair or coaxial cabling is FALSE

A PAN typically covers a range of around 33 feet

Most cell phone plans offer voice, email, GPS, and wireless internet at no extra charge is FALSE

Signal frequency is measured in HERTZ

A NETWORK INTERFACE card is a common network device found in most laptop computers today

Cell phones typically come with no applications preinstalled is FALSE

Bluetooth technology is a possible solution to the “last mile” problem is FALSE

Many of today’s cell phones come equipped with PREDICTIVE text technology keyboards to enhance texting

A DIGITAL signal is designed to represent computer data in an on or off state

Items such as credit cards are beginning to take advantage of RFID technology through the use of a NFC reader

A typical wireless home network uses a wireless access point/router to connect the network to the ISP is TRUE

Smart phones like the iPhone and Android-based phones provide access to thousands of apps, many for free is TRUE

Creating and transmitting data packets are important jobs for a network OPERATING SYSTEM

The language of telecommunications is governed by PROTOCOLS

An integrated circuit holds thousands of TRANSISTORS

A motherboard can be found in almost all digital electronics devices is TRUE

A multiprocessor system may combine a CPU with a graphics processor to excel at a particular type of function.

Moore’s Law states that the number of transistors on a chip will double about every 2 YEARS

The latest version of the universal serial bus is 3.0

Resolution is measured by the number of pixels on the screen is TRUE

Output from one system can be fed into another system as input is TRUE

A video card can be found inside the computer, plugged into the MOTHERBOARD

Automating data entry through the use of scanners ensures accuracy and efficiency is TRUE

Large retail stores use POS terminals to track purchases and inventory.

All of the following are kinds of multicore processors EXCEPT OCT-CORE

Display size is measured horizontally is FALSE

Some companies use VOICE RECOGNITION so that people can gain access to information without being physically present.

Magnetic disks are a DIRECT access storage medium.

Google Docs, YouTube, and Facebook all use cloud storage is TRUE

Cloud computing is the storage of data directly to the Internet is TRUE

An important thing to consider when purchasing a computer is the amount of storage available is TRUE

A Blu-ray disc is an example of solid-state storage is FALSE

Through the use of _____, surgeons can operate on patients from a remote location (NOT SCREEN READERS)

A typical desktop computer has its MICROPROCESSOR, main memory, and other essential components connected to the motherboard.

Integrated circuits are also known as MICROCHIPS

The speed of printers is measured in _____ per minute (NOT CHARACTERS PRINTED)

A touch screen monitor can serve as both an input and output device is TRUE

A mouse and a touch pad are examples of POINTING devices

An example of a storage DEVICE is a DVD drive

Special-purpose input devices have greatly enhanced the gaming industry is TRUE

Businesses typically use _____ to output large maps and designs (NOT LASER PRINTERS)

The ability to increase the capabilities of a computer system by connecting peripherals is called expansion is TRUE

Two types of INPUT include commands and user responses

A motherboard can be found in almost all digital electronics devices is TRUE

An all-in-one PRINTER combines functions such as faxing and scanning

Multiprocessor systems require a special operating system and software is TRUE

A touch screen monitor can serve as both an input and output device is TRUE

A CPU component known as the ALU carries out the instructions used for all the mathematical and logical operations

Businesses rely on stored, machine-readable data to keep track of customers is TRUE

Output can be in the form of a vibration from your cell phone is TRUE

A computer offers specific PORTS to connect peripherals such as keyboards or printers

Output that you can feel is called HAPTIC output

The purpose of a video card is to manage a computer's display for video gaming is FALSE

Music speakers are classified as OUTPUT devices

Special-purpose input devices have greatly enhanced the gaming industry is TRUE

A gaming system takes advantage of MULTICORE processors to power up its speed and performance

The iPad takes advantage of MULTITOUCH DISPLAYS allowing the user to use more than one finger to manipulate a display

A COMPUTER PROGRAM is a set of instructions or statements to the computer.

Hardware depends on a set of instructions called software to operate is TRUE

Understanding the LOGICAL design for a software task is the first step in writing the program code

An interpreter translates source code to object code one command at a time, while the software is executing is TRUE

A SITE license can be used anywhere on a college campus

A software company will release SOFTWARE PATCHES to fix software bugs or reported problems

As cloud computing grows, the power and storage capacity of users' computers can grow exponentially is FALSE

Changes to a software program after it has been released are referred to as MAINTENANCE

A GRAPHICAL USER INTERFACE uses an input device such as a mouse to move around the display and issue commands to the computer system

Today, new software is often downloaded from the internet is TRUE

A cell phone's PROPRIETARY operating system is not released to users and developers.

All of the following are examples of freeware except MICROSOFT OFFICE

If you create, develop, or pay to have a software program written, it becomes your intellectual property is TRUE

APIs are restricted to a particular programming language is FALSE

Object-oriented programming languages evolved in the second generation of programming languages is FALSE

SOFTWARE engineering is designing, implementing, and modifying instructions that operate the computer

A specific software program developed for a particular company or organization is called CONTRACT software

Freeware can be used to deliver malware and adware is TRUE

A WEB SERVICE allows different applications from different sources to communicate with each other over the internet

An API allows others besides the manufacturer to develop software to run on the system or device.

A common storage device for person computer software is a CD or DVD

Small businesses can take advantage of CRM software in the cloud to keep track of their customers and everyday transactions

There are three basic types of software: system software, application software, and extensions software is FALSE

Which of the following is NOT an object-oriented programming language is UNIX

A LOGICAL view of data is the way a user thinks about data

Many in the open-source movement are opposed to PROPRIETARY software, like that developed by Microsoft

The use of an APPLICATION programming interface, along with a software development kit, allows all levels of programmers to develop applications for various devices.

One useful feature of a code editor is its ability to COLOR-CODE commands in a program

A typical computer comes with many software applications PREINSTALLED

A printer requires that its DEVICE DRIVER is installed on the computer in order to operate

An enhancement in Windows 7 includes improved search capabilities is TRUE

An important task of the OPERATING SYSTEM is to keep track of files stored on the hard drive

There are FIVE stages to the software development life cycle

A third-party software developer is sometimes called a VALUE-ADDED software vendor

Businesses may find it necessary to have software custom-designed to meet their specific needs is TRUE

A copyright gives you ownership over the things you create is TRUE

All of the following are network operating systems except WINDOWS ME

SaaS is an object-oriented approach to software development that provides businesses with savings and flexibility is FALSE

Reviewing software programming code for errors is called debugging is TRUE

Open-source software code is kept secret by the owner of the copyright, who profits from its sale is FALSE

A pc comes with all of the following except CUSTOM SOFTWARE

An industrial operating system works with a large computer system requiring a SERVER

A SOFTWARE license defines the permissions, rights, and restrictions provided to the person who purchases a copy of a work.

Salesforce.com is an example of SaaS as applied to customer relationship management

An advantage to ____ software is its ability to run more than one operating system on a computer (NOT RAM)

There is only one way to start or run executable files is FALSE

A REAL-TIME operating system is required to perform a command within a certain timeframe

Acquiring software through ____ gives you a chance to “test drive” the product before purchasing it (NOT FREWARE)