

Cgs 2100 exam1



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nanotechnology the study of incredibly small computing devices built at the molecular level, is one field that is expanding and offers great potential but requires computer literacy. computer forensics the application of computer systems and techniques to gather potential legal evidence; a law enforcement specialty used to fight high-tech crime effective computing a type of computing that relates to emotion or deliberately tries to influence emotion. computer literate being familiar enough with computers that you understand their capabilities and limitations and know how to use them. spam unwanted or junk e-mail bluetooth technology a type of wireless technology that uses radio waves to transmit data over short distances. often used to connect peripherals such as printers and keyboards to computers or headsets to cell phones. digital home a home that has a computer and other digital devices that are all connected to a home network. information technology (IT) the set of techniques used in processing and retrieving information. digital divide the discrepancy between those who have access to the opportunities and knowledge computers and internet offer and those who don't. offshoring the process of sending jobs formerly performed in the U. S to other countries. data mining the process by which great amounts of data are analyzed and investigated to spot significant patterns or trends within the data that would otherwise not be obvious. nanoscience the study of molecules and nanostructures whose size range from 1 to 100 nanometers patient simulator a computer-controlled mannequin that stimulates human body functions and reactions. patient simulators are used in training doctors, nurses, and emergency services personnel by stimulating dangerous situations that would put live patients at risk. public domain the status of software (or other created works) that are not protected

by copyright. radio frequency identification tags a tag that looks like a sticker or label, is attached to a batch of merchandise, and contains a microchip that holds a unique sequence of numbers used to identify the product to which it is attached. software the set of computer programs or instructions that tells the computer what to do and enables it to perform different tasks. Which is NOT a current use of computers in the military? Using RFID tags to avert potential crises like E. coli epidemics Artists interface with technology often, but cannot yet use computers to generate images that respond to the environment. People who do not read emotion easily in others hope for new progress in the field of affective computing A necessary ingredient for a digital home is a network. Automotive technology requires an understanding of computers to run sensors and CPU diagnostics for a vehicle's many computerized subsystems. A a. a PSS. device that tracks movement is an RFID tag Computer forensics uses computer systems and technology together potential legal evidence IT is the abbreviation for information technology Which allows retailers to respond to consumer buying patterns? Data mining Robotic surgery devices help physicians because they make incisions that are more accurate Researchers believe that microchips may one day restore sight to the blind true Anyone can become computer literate—no matter what their degree of technical expertise. true Supercomputers can accurately forecast tornadoes within minutes. false Many modern museums offer WiFi networks and multimedia downloads to their patrons to enrich their experience. true Criminal investigators may find evidence on a computer, but that evidence cannot be used in court. false CPU (central processing unit) the part of the system unit of a

computer that is responsible for data processing (brains of the computer). largest and most important chip in the computer. controls all the functions performed by the computer's other components and process all the commands issued to it by software instructions. DVI(digital video interface) video interface technology that newer LCD monitors, as well as other multimedia devices such as television, DVD players, and projectors, use to connect to a PC. ergonomics how a user sets up his or her computer and other equipment to minimize risk of injury or discomfort external hard drive an internal hard drive that is enclosed in a protective case to make it portable; the drive is connected to the computer with a data transfer cable and is often used to back up data. FireWire an interface port that transfers data at 400 Mbps. inkjet printer a nonimpact printer that sprays tiny drops of ink onto paper laser printer a nonimpact printer known for quick and quiet production and high quality printouts. LCD(liquid crystal display) the technology used in flat-panel computer monitors. microphone(mic) a device that allows you to capture sound waves, such as those created by your voice, and transfer them to digital format in your computer. monitor(display screen) a common output device that displays text, graphics, and video as soft copies (copies that can be seen only on a screen) mouse a hardware device used to enter user responses and commands into a computer. notebook a small, compact portable computer. optical mouse a mouse that uses an internal sensor or laser to control the mouse's movement. the sensor sends signals to the computer, telling it where to move the pointer on the screen. QWERTY keyboard a keyboard that is distinguished by the first six letters on the top left row of alphabetic keys on the keyboard. RAM(random access memory) the computer temporary storage space or short-term memory, it is located in

a set of chips on the systems unit's motherboard and its capacity is measured in megabytes or gigabytes. ROM(read-only memory) a set of memory chips, located on the motherboard, which stores data and instructions that cannot be changed or erased; it holds all the instructions the computer needs to start up. speakersan output device for sound. SSD(solid state drive) a drive that uses the same kind of memory that a flash drive use, but can reach date in only a tenth of the time a flash drive requires. system unitthe metal or plastic case that holds all the physical parts of the computer together, including the computers processor (brain), memory, and the many circuit boards that help the computer function. USB(universal serial bus) a port that connect a wide variety of peripheral devices to the computer, including keyboards, printers, mice, smartphones, PDAs, flash drives, and digital cameras. webcama small camera that sits on top of a computer monitor (connected to the computer by a cable) or is built into a notebook computer and is usually used to transfer live video. What controls the way in which your computer system functions? operating systemWhich is the most common type of monitor? LCD monitorWhat enables your computer to connect with other computers? network interface cardWhich is NOT another name for a flash drive? ZipTo add additional ports to your computer, what do you need? an expansion cardWhich holds the instructions the computer needs to start up? ROMWhich is TRUE about mainframe computers? They support hundreds of users simultaneouslyWhich is important to consider when buying a printer? duty cycle, resolution, cost of consumablesWhich are storage devicesexternal hard drive, DVD, flash memory card. What lets you transfer digital data between your computer and devices such as digital cameras? flash memory cardThe CPU clock speed

determines the performance of the CPU. falseThe hard drive is an example of a nonvolatile storage device. trueErgonomics is important only with desktop computers, not mobile devices. falseFor printing photos, printing at 1, 200 dpi is sufficient. falseSome mice include wireless USB receivers that contain flash memory to store your files. trueblogs (weblogs)a website that has aimed to share articles, personal writingbookmarksa feature in some browsers that places a marker of a web site's URL in an easily retrievable list. (favorites in microsoft internet)broadbanda high speed internet connection such as cable, satellite, or digital subscriber line (DSL)DSL(digital subscriber line) a type of connection that uses telephone lines to connect to the internet and that allows both phone and data transmission to share the same line. fiber-optic service (FiOS)internet access that is enabled by transmitting data at the speed of light through glass or plastic fibershyperlinka type of specially coded text that, when clicked, enables a user to jump from one location, or web page, to another within a web site or to another web site altogetherinstant messaging (IM)a program that enables user to communicate online in real time with others who are also online. keyword1. specific word a user wishes to query (or look for) in an internet search, 2. a specific word that has a predefined meaning in a particular programming language. podcasta clip of audio or video content that is broadcast over the internet using compressed audio or video files in formats such as MP3search enginea set of programs that searches the web for specific words (or keywords) you wish to query and then returns a list of the web sites on which those keywords were found. social bookmarkinga keyword or term that the internet users assign to a web resource such as a web page digital image, or video. social networkinga means by which people

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use the internet to communicate and share inform among their immediate friends, and meet and connect with others through common interests, experiences, and friends. tagusually used in a blog to categorize something. Uniform Resource Locators (URLs)a web site's unique address; microsoft.comWeb 2. 0web-based tools and services that emphasize online collaborations and sharing among users. Web browsersoftware installed on a computer system that allows individuals to locate, view, and navigate the web. WiFi(wireless fidelity) the 802. 11 standard for wireless data transmissions established by the institute of electrical and electronics engineers. wikia type of website that allows anyone visiting the website to change its content by adding, removing, or editing the content. example: wikipediaWhich is NOT true about the Internet? It was developed as a method for linking research documents. What do you need to read, send, and organize e-mail from any computer? A Web-based e-mail accountWhich are an example of social networking? IM, blogging, listservIn which way is a blog different from a wiki? blogs are written by a single authorWhich is true about plug-ins? Plug-ins can present security risksWhat feature is a list of pages you've visited within a Web site? Breadcrumb trailWhich is part of a search engine? spider, index program, search engine softwareWhen using the Internet for research, youshould evaluate sites for bias and relevance. Which connection type provides the fastest data transmission? fiber-opticWhat current program funds the research and development of cutting-edge networking and wireless technologies? Large scale networkingThe information in e-mail is no more private than a postcard. trueConsumers buy books, movie tickets, and games more often online than in retail stores. trueThe VeriSign seal on a Web site guarantees that the Web site is secure.

Each time you connect to the Internet, your computer is assigned the same IP address. Internet connection speeds vary by neighborhood, sometimes exceeding advertised rates. application software the set of programs that run on a computer to help a user carry out task such as word processing, sending e-mails, balancing a budget, creating presentations, editing photos, taking an online course, and playing games. beta version... freeware any copyright software that can be used for free illustration software... image editing software (photo editing software) programs for editing photographs and other images integrated help documentation for a software product that is built directly into the software integrated software app a single software program that incorporates the most commonly used of many productivity software programs. productivity software programs that enable a user to perform various tasks generally required in home, school, and business. examples: word processing, spreadsheet, presentation, personal info management, and database programs. shareware software that enables users to "test" the software by running it for a limited time free of charge software piracy violating a software license agreement by copying an application onto more computers than the license agreement permits. software suite a collection of software programs that have been bundled together as a package. spreadsheet an application program such as Microsoft excel or lotus 1-2-3 that enables a user to do calculations and numerical analyses easily. system requirements the set of minimum storage, memory capacity, and processing standards recommended by the software manufacturer to ensure proper operation of a software application. system software the set of programs that enables a computer's hardware devices and application software to work together; it includes the operating system

and utility programs. templates a form included in many productivity application that provides the basic structure for a particular kind of document, spreadsheet, or presentation. Web-based applications a program that is hosted on a web site and does not require installation on the computer wizards a step-by-step guide that walks a user through the necessary steps to complete a complicated task. word processing The creation, input, editing, and production of documents and texts by means of computer systems. The minimum set of recommended standards for a program is known as the system requirements Software that is freely distributed but comes with conditions is shareware What type of software enables you to easily perform calculations and numerical analyses? spreadsheet Which is NOT an advantage of using a software suite? The programs integrate easily with programs from other software suites. The two primary types of software used with a computer are application software and system software. What kind of software is responsible for back office operations such as billing and inventory? Enterprise resource planning Which of the following is true about open source software? The program can be changed and freely distributed An example of free image editing software is Picasa. Which program incorporates a Wiki system and is good for collaboration? OneNote What is another name for Software as a Service (SaaS)? web-based application A macro is a small program that groups a series of commands so that they run as a single command. true When you need help with software, you should use the program's help features or manufacturer FAQs, not online help like podcasts or YouTube videos false System software includes the operating system and utility programs. true An integrated software application is a

group of programs bundled as a package. To remove a program you no longer want, it's better to delete it than uninstall it. Disk Defragmenter is a utility that regroups related pieces of files on the hard drive, enabling faster retrieval of the data. Error-checking is a Windows utility that checks for the lost files and fragments as well as physical errors on a hard drive. file compression is a program that takes out redundancies in a file to reduce the file's size. file management is the process by which humans or computer software provide organizational structure to a computer's contents. file is a collection of related pieces of info stored together for easy reference; in database terminology, a file or table is a group of related records. folder is a collection of files stored on a computer. Linux is an open source operating system based on UNIX. because of the stable nature of this operating system, it is often used on web servers. Mac OS is the first commercially available operating system to incorporate a graphical user interface (GUI) with user friendly point and a click technology. platform is the combination of a computer's operating system and processor. the 2 most common platform types are PC and the Apple Macintosh. system files are any of the main files of an operating system. system software is the set of programs that enables a computer's hardware device and application software to work together. Task Manager is a Windows utility that shows programs currently running and permits you to exit nonresponsive programs when you click end task. Task Scheduler is a Windows utility that enables you to schedule tasks to run automatically at predetermined times with no interaction necessary on your part. track is a concentric circle that serves as a storage area on a hard drive platter. utility programs are small programs that perform many of the general housekeeping tasks for the computer, such as system maintenance and file

compression Windows an operating system by Microsoft that incorporates a user-friendly, graphical interface. Windows Explorer the main tool for finding, viewing, and managing the contents of your computer by showing the location and contents of every drive, folder, and file. Windows 7 Microsoft operating system that builds upon the security and user interface upgrades that the Windows Vista release provided, and gives users with touch-screen monitors the ability to use touch commands to scroll, resize windows, pan, and zoom. Which is not an example of a smartphone operating system? Snow Leopard Which OS does not have a user interface that incorporates point-and-click technology? MS-DOS Which is the correct order of the boot process? Activate BIOS, conduct POST, load OS into RAM, check settings You can determine the location of a file by its path Which is not a function of the operating system? Carefully shutting the system down when RAM limits have been reached The term that defines excessive swapping of files between RAM and virtual memory is: thrashing Which term describes the pictures that represent an object such as a software application or a folder? icon Which statement about using APIs is not true? APIs make it possible to close non-responding software and restart the computer Which utility eliminates the inefficiencies of the computer hard drive? Disk Defragmenter Which utility is not a system tools utility? File Compression Only personal computers need some form of operating system software false Symbian OS is a common OS for netbooks false The type of processor helps to determine which OS a computer uses. true Paging is the process of optimizing RAM storage by borrowing hard drive space false Windows 7 includes a compatibility feature that allows you to run software that is not compatible with Windows 7 true

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