

Cisb 11 -computer info systems (ch 7)



**ASSIGN
BUSTER**

network a connected system of objects or people

cellular radio transmissions used with cell phones & are sent and received via cellular (cell) towers

sensors devices that respond to a stimulus (such as heat, light, or pressure) & generate an electrical signal that can be measured or interpreted

computer network a collection of computers & other hardware devices

connected together so that network users can share hardware, software & data, as well as electronically communicate with each other

mobile phone a wireless phone

router used to connect LAN & internet

Local Area Network (LAN) a network that covers a relatively small geographical area, such as a home, office building, or school

Global Positioning System (GPS) a network consists of 24 Department of Defense satellites that are used for location & navigation purposes

wireless USB a new standard designed to connect peripheral devices that transfers data more quickly (similar to Bluetooth)

peer-to-peer (P2P) a network where a central server is not used

collaborative computing takes place via both private company networks & the Internet

TCP/IP the protocol used for transferring data over the Internet

simplex transmission an uncommon in data transmission

most devices that are mainly one-directional, such as a printer, can still transmit error messages & other data back to the computer

geosynchronous satellites travel at a speed & direction that keeps pace with the earth's rotation, so they appear (from earth) to remain stationary over a given spot

bandwidth the amount of data that can be transferred (such as over a certain type of networking medium) in a given time period

serial transmission data is sent 1 bit at a time, one after the other along a single path

802.11g a current Wi-Fi standard; supports data transfer rates of 54 Mbps & uses the same 2.4 GHz frequency as 802.11b, so their products are compatible

analog cell phones the original first-generation cell phones designed for voice data only

medical monitors electronic monitors that take the vital signs of an individual (such as weight, blood-sugar readings, or blood pressure) or prompt individuals to answer questions

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