

# [Cisb 11 -computer info systems (ch 7)](https://assignbuster.com/cisb-11-computer-info-systems-ch-7/)

networka connected system of objects or people

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

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

computer networka 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 phoneaka wireless phone

routerused 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 USBa 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 computingtakes place via both private company networks & the Internet

TCP/IPthe protocol used for transferring data over the Internet

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

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

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

802. 11ga 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 phonesthe original first-generation cell phones designed for voice data only

medical monitorselectronic 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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* Bluetooth