

The technology

1) Answer the following questions about the circuit of communication: - K is a sign?

Generation by the issuer, k merdiantela transmitting the **message**..-**K type of waves are usually the signs?** Acoustic or **electromagnetic-k is the channel?** physical media that supports the transmission of **information-K stands for either wired or wireless?** wired support: Through it, the waves are transmitted electromagneticasy the land sonoras.Fuera transmitting electromagnetic waves but not the sound .- wired media: Use any type of cable, such as conventional metal wire 2)

Define the following about the waves. Wave-length. It is the space traversed by the wave during a full oscillation"**Period.** It is the time between two consecutive steps by **wave-frequency maximum value.** This is the number of oscillations that occur during a **full-amplitude oscillation.** It is the maximum variation of the signal with respect to **zero-speed** . Poir Is space travel a wave during a given time interval. 3) **Di ak such waves are the following statements .- They are transmitted by the vacuum.** All - **You are produced by electromagnetic field disturbances.**

Electromagnetic-are caused by the mechanical vibrations of some material element.

Sonoras **are characterized by various properties such as intensity. Sonoras-usually used in modern telecommunications systems.**Electromagnetic 4) **k are the repeaters?** Transmit signals to each other and ensure that the original message arrives at points far from the original station antenna **type In streams k is used?** Wireless Transmission **What role telecommunications satellites ?** redistribute the received signal more efficiently and at greater distances than the ground **facilities.** Enables pass the same signal between two points on the globe 5) **Explain the vntajas and disadvantages of transmission almbrica off the wireless.**

benefits of transmission wired: are its stability and reliability through the use of Streaming Media and isolated from the exterior, designed for the propagation of señales.inconvenientes: presents greater difficulties than the transmission inalambrica.Esto is because they need extensive networks of cables, expensive infrastructures and highly complex.6) **Describe how they work the phones.** It is based on the conversion of sound waves are transmitted electromagneticas.Estas latest by cable to the receiver, the reverse process occurs: the signal is decoded to revert to the original sound - **What are the microphones ?** The dispositivosque transform sound waves into an electrical signal of varying intensity **And headphones?** are those that convert electric current into sound waves received -

How the signal is transmitted in fixed phones? señalesviajan THROUGH The cables connected directly to aautomatica a power **in the mobile what?** radiated electromagnetic waves are responsible for transmitting the signal to the phone's antenna aparatoreceptor 7) **explains a similarity and a difference between radio and telephony?**On radio, the main differences are the telephony wireless transmission, especially the direction of transmission of the message delivered, ranging from a sender to an indefinite number of receptors, without causing a response by the same channel 8) **Draw a diagram on the emission of televisiopn with the following concepts taking into account the repetition of some of them: (Light, Antenna, Display)**

In the television cameras, the light from the target reaches a screen photosensitive, becomes a series of electrical instigate. A reading system captures the presence or absence of electric charges intensidad.A and from that information, generate an electromagnetic wave that spreads through antenna systems and repeaters. At the receiver, the signal is decoded. In a screen reproduces the original images.