

Briefly explain the working and structure of cell phone.

Cell phone:

A communication device that uses radio signals for communication.

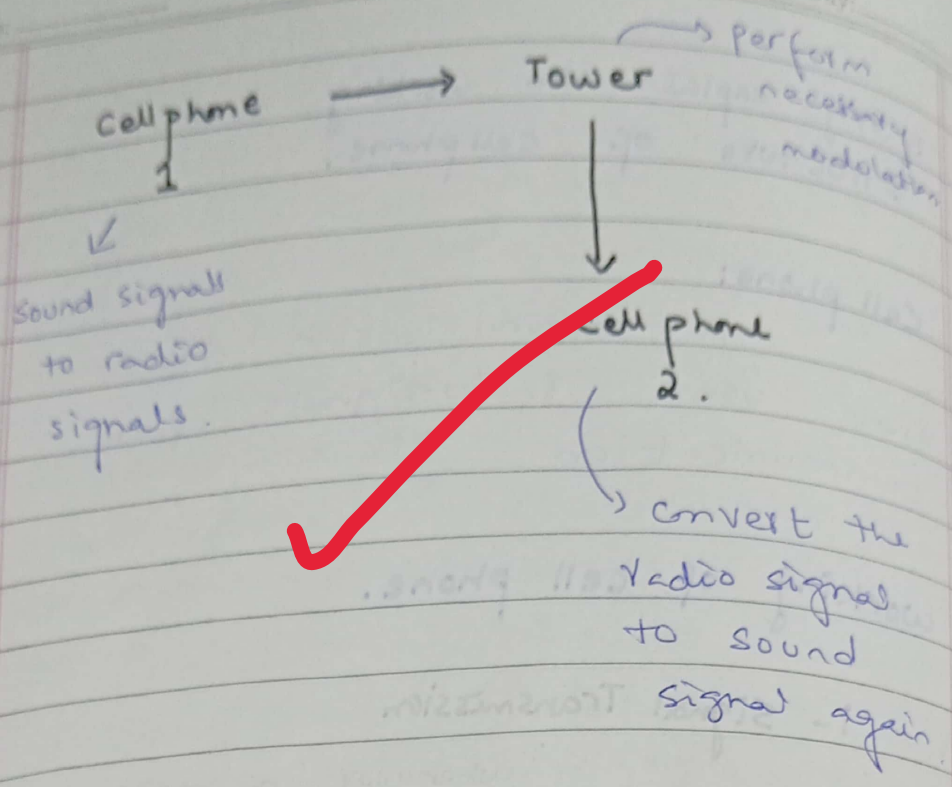
working of cell phone.

i - Signal Transmission

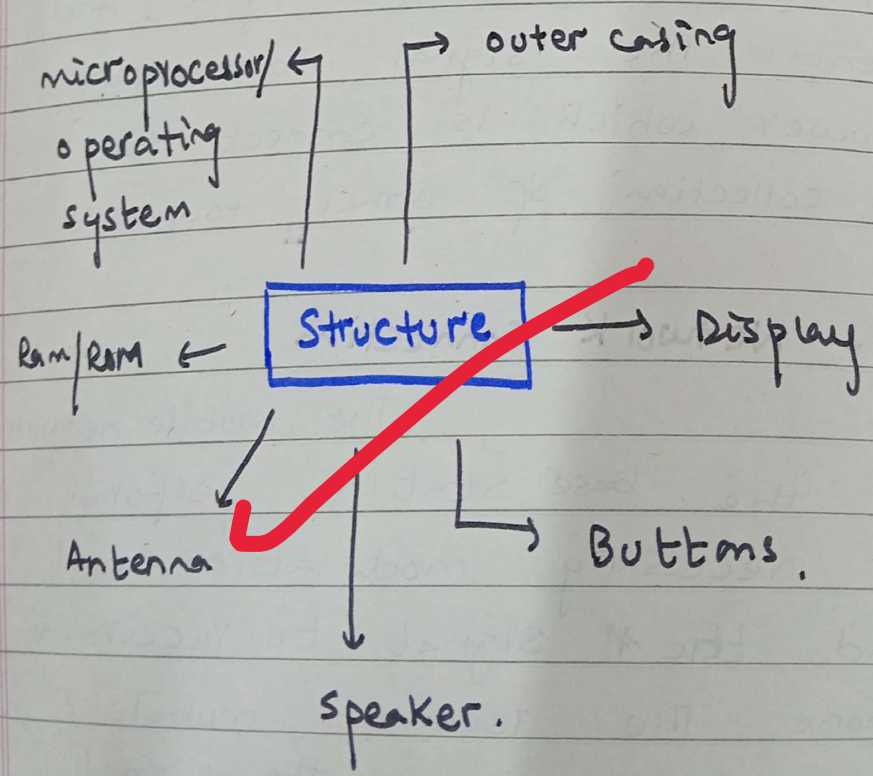
Whenever a message is sent or phone call is made from a cellphone, the cellphone converts the voice or text into radio signal. And send the signal to nearby tower which is connect to a collection of other towers.

ii - Network Connection

The mobile network i.e. the base station perform the necessary modulation and send the signal to receiver's phone. The receiver's mobile phone again convert the signal into sound.



Structure of Cell phone



i - Outer casing

The outer casing of the cellphone protect it against any physical damage.

ii - Screen / Display

Its an output devices that shows the necessary data.

iii. Microprocessor / operating system

It is used to perform all the necessary functions inside the cellphone.

iv. RAM / ROM

Storage memories of the cellphone.

Good attempt!!

v - Antenna

Used for communication

vi. Speaker

~~Use~~ for convert electrical signal into sound.

vii - Battery

Provide necessary energy to the cellphone. A chargeable part of cellphone.