



INGLÉS

Mobile Phones

The cellphone (or mobile phone) is a combination of a telephone and a radio. Like a telephone, you can listen and talk to someone on the other end, and like a radio, you can do it wirelessly over the air. The signals that come into and go out of a cellphone are like the ones TV and radio are received on, just formatted differently. These signals are sent back and forth between the cellphone and a base station.

The reason why it is called a cellphone is that it operates inside a "cell". A cell is a geographic region in which a base station is located. If you are located in that cell, your cellphone communicates to the base station inside that cell. If you move into a different cell, you are transferred to a different base station inside the other cell. By keeping the cells small and having many base stations located every couple of miles, more users can talk at the same time from different places.

Also since there are many cells, one is located close to where you are using the phone, so the phone does not have to transmit with too much power. Less power means the phone can be made smaller and use less battery. Think of it as if you were at a party in a large room with a lot of people talking. If you were talking to a person just 3 feet away, you don't have to shout for them to hear you. Meanwhile, someone at the other end of the room could be talking to someone else near them and not interfere with what you are saying.



ANSWER QUESTIONS 1-3 ACCORDING TO THE INFORMATION GIVEN IN THE TEXT. DO NOT COPY PASSAGES FROM THE TEXT. USE YOUR OWN WORDS.

ANSWER THE FOLLOWING SENTENCES ONLY IN YOUR ANSWER SHEET.

1. COMPREHENSION (3 marks – 1'5 per question)

- a) Why can cellphones be smaller?
- b) In what ways is a cellphone similar to a radio?

2. LEXICON (2 marks – 0'5 per question)

- a) Find one synonym in the text for: MIXTURE
- b) Find one synonym in the text for: WORKS
- c) Find one synonym in the text for: SITUATED
- d) Find one synonym in the text for: BIG

3. GRAMMAR (2 marks – 0'5 per question)

- a) Change this sentence into Reported Speech:
"How does a cellphone work?", he asked.
- b) Change this sentence into the Passive Voice:
One is located close to where you are using the phone.
- c) Fill in the blanks with the proper words.
If you read this text, you can ...(a) why a mobile phone is ...(b) called "cell" phone.
- d) Finish the sentence with your own words.
Cellphones can support not only the standard voice function...

4. PRODUCTION (3 marks)

What do you think of the use and abuse of cellphones? (80-100 words) Do not copy passages from the text.