

## Reading 3

### Skills:

- Details
- Identify collocations
- Vocabulary in context
- Understand author's purpose
- Understand language functions

**Getting started:** As technology develops, will more people lose their jobs? Or, on the contrary, will new jobs be created?

### HOW 5G WILL AFFECT JOBS



5G is here, and it's one of the most life-changing technologies to come around in decades. The technology is even growing faster than initially thought, which means more businesses and individuals will have access to it in less time than we imagined. Consequently, there are a lot of big changes, and they're coming fast.

Most of the discussion about 5G focuses \_\_\_\_ what effect it will have on how the world does business, or how consumers interact with technology. That includes a major segment of people who 5G **may** actually have the greatest effect on: Workers. 5G promises big changes in a lot of industries, and those changes can be seen at all levels of the chains of business. That especially means professionals that work with technology are all going to feel the effects of 5G.

Bill Menezes, an enterprise analyst, said that feeling the effects of 5G largely depends on the specific kinds of work you do. "5G is going to be much more transformative for some industries than others as different types of businesses will approach 5G in different ways," Menezes said. Take for example an automotive dealership: There, the mechanics may start using **AR** goggles to help with repairs. So now the **IT person** has to learn to support the actual goggles and the 5G cellular network they're connected to.

One of Menezes' biggest predictions for 5G is that we have to wait to really understand the ideal use of the technology. "When 4G came out no one imagined getting an Uber. It took familiarity with new technology before its most important uses appear," Menezes said. This familiarity is going to take some time because widespread use of 5G is probably still five to seven years out. Private 5G networks are already appearing for a variety of applications, and it's changing how some businesses operate. With **novel**, innovative uses of 5G still years off, knowing how 5G will transform work for the average tech or IT pro is hard to determine. That doesn't mean you can't prepare, **though**.

Menezes recommends spending some time learning about 5G infrastructure, as knowing how the new generation of wireless networks are built will make it easier to see where it can be applied for a particular use. He also recommends learning directly from 5G service providers, many of whom offer incubators, test environments, and other programs to learn about their networks. Another good idea is to study security. "5G will add a lot of new touch points to networks, and every one of them is a potential attack vector," Menezes said. Along with learning how to secure a 5G network, tech pros should also learn about data security. As businesses use of 5G grows and businesses start passing sensitive data over public connections, it will be increasingly important to know how to secure data in transit.

5G may have arrived, but don't panic: We have several years for all the business, work, and life changes it will bring. Just be sure to start preparing now so that you can be ready when the big 5G trend knocks your door.

*\*Adapted from <https://www.techrepublic.com/article/how-5g-will-affect-jobs-in-2020-and-beyond/>*

#### **Glossary:**

- **AR:** Augmented reality (AR) is an interactive experience of a real-world environment where the objects that reside in the real world are improved by computer-generated perceptual information.
- **IT person:** The IT professionals are the people who test, build, install, repair, or maintain the hardware and software associated with certain computer systems.

#### **Note:**

**Collocations** are natural combinations of words in the language. For example, in English, you don't say *do the bed* but *make the bed*; You don't say *dream with* but *dream about* or *dream of*. Understanding these combinations will improve all your language skills.

#### **Answer the following questions:**

1. What's the purpose of the author in this text?
  - a. To criticize businesses that stay behind.
  - b. To mention how certain new invention works.
  - c. To explain some consequences of a new technology.
  - d. To describe the jobs that will be better paid thanks to 5G.
2. What word can be inserted in the gap (\_\_\_\_) in paragraph 2?
  - a. in
  - b. on
  - c. of
  - d. at
3. What is the function of the word **may** in paragraph 2?
  - a. Express probability
  - b. Express contrast
  - c. Express reason
  - d. Express purpose

4. What is stated about 5G in paragraph 3?
  - a. Car dealers will have to implement 5G technologies or they will go out of business.
  - b. All industries are going to be affected by the use of 5G.
  - c. 5G may have more impact on some sectors than others.
  - d. It is improbable that a mechanic will have to use any device that uses 5G networks.
5. The word **novel** in paragraph 4 is closest in meaning to
  - a. unique
  - b. text
  - c. book
  - d. new
6. What is the function of the word **though** in paragraph 4?
  - a. Express consequence
  - b. Express purpose
  - c. Express contrast
  - d. Express reason
7. What is NOT stated in paragraph 4?
  - a. Nobody knows how 5G will be used in the future.
  - b. In less than a decade, 5G will be implemented everywhere.
  - c. It may take some time while people understand how 5G works.
  - d. When 4G appears, not many people knew the benefits it would bring.
8. According to paragraph 5, what is Menezes main suggestion?
  - a. It is necessary to know who the 5G providers are.
  - b. It is mandatory to buy programs that teach you to use 5G networks.
  - c. It is irrelevant to study about network security as 5G technology is pretty safe.
  - d. It is important to learn about the structure of the networks to know how to use them.

### What do you think?

All jobs in the future will depend on technology. Do you agree with this statement? Why (not)?