Reading comprehension practice

In today's business landscape, companies with expertise in space technology are experiencing rapid growth. As the demand for satellite services increases, businesses specializing in advanced technologies are expanding their reach and exploring new opportunities. One of the most significant advancements is the use of satellites to provide internet coverage to remote areas. Many experts predict that satellite-based internet will help bridge the digital divide, connecting people in isolated regions with reliable access to information, education, and communication.

One highly successful venture in this field has been the development of satellite constellations. These constellations, which consist of multiple small satellites orbiting in a coordinated manner, can offer continuous global coverage. Companies have invested heavily in this technology, expecting it to meet the growing demand for high-speed internet and navigation services. As a result, satellite technology is becoming more affordable and accessible, allowing smaller companies to enter the market and contribute to innovation.

The space industry is also expanding beyond Earth's immediate needs. For example, some companies are researching technologies to explore distant galaxies. While this may sound like science fiction, advancements in rocket technology are making it possible to send spacecraft farther into space than ever before. Although exploring other galaxies may still be a distant goal, these advancements inspire a new generation of scientists and engineers, fueling interest in space exploration.

In addition to commercial uses, satellites are essential tools for environmental monitoring and disaster response. They help track hurricanes, monitor deforestation, and even predict weather patterns. This information is invaluable for governments, scientists, and organizations that rely on accurate data to make decisions that protect people and the planet. With the potential for continued growth and success, the business of satellite technology promises a future filled with possibilities for those willing to innovate and explore.

Circle the correct answer

1.What is one of the primary goals of satellite constellations mentioned in the passage?

A) To monitor weather patterns

B) To provide continuous global internet coverage

C) To explore distant galaxies

2.According to the passage, why are satellite technologies becoming more accessible?

A) The cost of technology is decreasing.

B) There is limited demand for satellite services.

C) Only large companies are interested in this field.

3.Which industry is benefiting from advancements in rocket technology?

A) Environmental protection

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B) Space exploration

C) Tourism industry

4.What role do satellites play in environmental monitoring?

A) They track hurricanes and deforestation.

B) They provide high-speed internet to remote areas.

C) They offer navigation services to businesses.

5.What is one benefit of satellite-based internet services, as described in the passage?

A) They reduce the need for internet access in urban areas.

B) They connect people in remote areas to information and resources.

C) They help companies increase profits through space tourism.

6. Why might the exploration of distant galaxies still be considered a "distant goal" according to the passage?

A) Current technology is not advanced enough to send spacecraft far into space.

B) There is little interest in exploring beyond Earth's immediate surroundings.

C) The cost of launching rockets is too high for most companies.

7. Who benefits from the data collected by satellites for environmental monitoring and disaster response?

A) Only private companies

B) Governments, scientists, and organizations

C) Engineers and space tourists

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