

USA Contribution into the World Science

I. Read the text

Without doubt, people's lives would be very different without the inventions of Thomas Edison, Watson & Crick and many more scientists. These prodigious creators changed the world's culture in countless ways with the seemingly miraculous discoveries and inventions that flooded out of the USA.

Invention of computers was one of the highest forms of development that the USA's high-tech industry gave the world; this area defines the progress of high-tech world as a whole even today. When the Wright brothers designed and piloted the first airplane in 1903 a lot of things were put into fast motion. As early as 1929 when Edwin Hubble proved the existence of a galaxy over one million light-years away, it was an impressive introduction of technology into mainstream astronomy.

The USA gave the world some of the greatest programmers, scientists, biologists and physicists. Just recently, an American shared the Nobel Prize in medicine for understanding the excruciating details of the human immune system. Other three won the Nobel Prize in physics for toppling the conventional knowledge about our universe. Two more Americans were awarded the Nobel Prize in economics. 31 out of 100 top universities in the world are in the United States.

The future holds fusion energy, genomics, and biotechnology breakthroughs that could help battle cancer. Advances in artificial intelligence technologies hold great promise. President Barack Obama's initiative to fund brain research has provided a renewed hope of conquering the final frontier of science, the mystery of the human mind. As a future climate and energy catastrophe looms over the world, finding efficient renewable energy alternatives is a prime focus area for the country.

The contributions of the US great minds of science, who have made our world a better place, is great. American science continues its development as it stands on the shoulders of giants.

II .Answer the questions

Questions:

1. What impact did the inventions of Thomas Edison, Watson & Crick, and other scientists have on the world's culture?

- A. It led to the creation of the first airplane
- B. It introduced technology into mainstream astronomy
- C. It defined the progress of the high-tech world
- D. It revolutionized the field of medicine

2. How did the Wright brothers contribute to technological advancements in the early 1900s?

- A. They discovered a galaxy over one million light-years away
- B. They piloted the first airplane in 1903
- C. They won the Nobel Prize in physics
- D. They developed the first computer

3. What recent achievements in science were highlighted in the text?

- A. Discovering fusion energy
- B. Winning the Nobel Prize in economics
- C. Understanding the human immune system
- D. Exploring the depths of the ocean

4. What is the main focus area for the United States in terms of renewable energy alternatives?

- A. Exploring outer space
- B. Battling cancer through genomics
- C. Advancing artificial intelligence technologies
- D. Finding efficient renewable energy sources

III .Statements (T/F)

- 1. Thomas Edison was a scientist who invented the computer.
- 2. The Wright brothers designed and piloted the first airplane in 1903.
- 3. Edwin Hubble proved the existence of a galaxy over one million light-years away in 1929.
- 4. An American recently shared the Nobel Prize in physics for understanding the human immune system.
- 5. 31 out of 100 top universities in the world are in the United States.
- 6. Fusion energy, genomics, and biotechnology breakthroughs are areas of focus for the future.

7. President Barack Obama's initiative to fund brain research has provided hope for understanding the human mind.