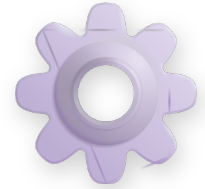




Read the passage carefully. Then answer the questions using details from the text.

Leonardo da Vinci: The Visionary Inventor



Leonardo da Vinci was a true genius, famous for his incredible paintings like the "Mona Lisa." But he was much more than just an artist. Leonardo was also a brilliant inventor who filled notebooks with ideas for machines that wouldn't be built for hundreds of years. He studied everything around him, from birds flying to water flowing, to understand how the world worked. His curiosity knew no bounds.

His notebooks are filled with thousands of detailed drawings and notes for amazing inventions. He sketched designs for a flying machine, similar to a helicopter, long before planes existed. He also drew plans for a diving suit, a parachute, and even armored vehicles. These ideas were revolutionary for the 15th century, showing his incredible foresight and imagination.



Leonardo's approach was to observe carefully and then sketch his ideas. He believed that art and science were deeply connected. He would take apart objects to see how they worked and then imagine ways to improve them or create something entirely new. His detailed studies of human anatomy also helped him understand mechanics and design.

While many of his inventions were never built during his lifetime, his drawings and ideas have inspired scientists and engineers for centuries. For example, his designs for a self-propelled cart are seen as an early concept for an automobile. His work proved that imagination combined with careful observation can lead to groundbreaking discoveries



and inventions that shape the future. Historians have identified around 7,000 pages of his notebooks that survive today, with experts estimating he originally filled many more.



COMPREHENSION QUESTIONS

(1) What is the main idea of this passage?

- (A) Leonardo da Vinci was a famous painter who created the "Mona Lisa."
- (B) Leonardo da Vinci was a brilliant inventor whose ideas for machines were far ahead of his time.
- (C) It is important to study birds flying and water flowing.
- (D) Many inventions were not built during Leonardo da Vinci's lifetime.

(2) Which detail best supports the idea that Leonardo da Vinci was an inventor far ahead of his time?

- (A) He sketched designs for a flying machine similar to a helicopter.
- (B) He believed that art and science were deeply connected.
- (C) He filled over 13,000 pages with notes and drawings.
- (D) He was also famous for his incredible paintings.

(3) What would be the best title for this passage?

- (A) The Art of Leonardo da Vinci
- (B) Leonardo da Vinci: A Visionary Inventor
- (C) Famous People in History
- (D) Notebooks Full of Drawings



(4) Which sentence does NOT belong in this passage?

- (A)** Leonardo sketched designs for a diving suit and a parachute.
- (B)** His ideas for machines inspired scientists for centuries.
- (C)** Leonardo da Vinci enjoyed cooking Italian food for his friends.
- (D)** He carefully observed birds flying to understand mechanics.

(5) Write the main idea in TWO sentences. Include one supporting detail.

