Scientific Milestones in World History

World History · Answer Key · 10 Questions

1. Which 16th-century astronomer proposed the heliocentric model of the universe, placing the Sun rather than the Earth at the center?

A) Nicolaus Copernicus
B) Johannes Kepler
C) Galileo Galilei
D) Tycho Brahe

2. What did Marie Curie discover to be the source of radioactivity in uranium ore during her pioneering research in the early 20th century?

A) Polonium and Radium
B) Thorium and Actinium
C) X-rays and Gamma rays
D) Plutonium and Uranium

3. In 1859, Charles Darwin published his foundational work on the theory of evolution by natural selection. What is the title of this book?

A) The Descent of Man
B) On the Origin of Species
C) Principles of Geology
D) The Voyage of the Beagle

4. Which scientist is credited with the discovery of penicillin in 1928, a breakthrough that revolutionized the treatment of bacterial infections?

A) Louis Pasteur
B) Robert Koch
C) Alexander Fleming
D) Joseph Lister

5. What did the 1919 solar eclipse expedition led by Arthur Eddington provide the first empirical evidence for?

A) The Big Bang Theory
B) Einstein's General Theory of Relativity
C) The existence of black holes
D) The expansion of the universe

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6. Which ancient Greek mathematician and engineer is known for calculating the value of pi with high accuracy and discovering the laws of buoyancy?

A) Archimedes
B) Euclid
C) Eratosthenes
D) Pythagoras

7. The Smallpox vaccine, developed by Edward Jenner in 1796, was based on the observation that immunity could be conferred using which related virus?

A) Cowpox
B) Chickenpox
C) Influenza
D) Measles

8. Who is recognized for demonstrating that microorganisms cause fermentation and disease, thereby disproving the theory of spontaneous generation?

A) Gregor Mendel
B) Louis Pasteur
C) Antoine Lavoisier
D) Carl Linnaeus

9. Which physicist is responsible for the discovery of the neutron in 1932, a particle vital to the development of nuclear fission?

A) Enrico Fermi
B) Niels Bohr
C) James Chadwick
D) Ernest Rutherford

10. What anatomical discovery did William Harvey publish in 1628, fundamentally changing the understanding of human biology?

A) The nervous system
B) The circulatory system
C) The lymphatic system
D) The endocrine system

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