

European Scientific Milestones

European History · Practice Test · 6 Questions

1. Which Renaissance astronomer formulated the mathematical heliocentric model of the solar system in his 1543 treatise 'De revolutionibus orbium coelestium'?

- A) Tycho Brahe
- B) Nicolaus Copernicus
- C) Johannes Kepler
- D) Giordano Bruno

2. DNA analysis of 14th-century skeletal remains from European plague mass graves confirmed that the Black Death was caused by which bacterium?

- A) Yersinia pestis
- B) Bacillus anthracis
- C) Mycobacterium tuberculosis
- D) Vibrio cholerae

3. Which 18th-century French chemist disproved the phlogiston theory by identifying the role of oxygen in combustion and proving the law of conservation of mass?

- A) Joseph Priestley
- B) Antoine Lavoisier
- C) Louis Pasteur
- D) Claude Louis Berthollet

4. Published in England in 1687, which foundational work by Isaac Newton established classical mechanics and the law of universal gravitation?

- A) Opticks
- B) Philosophiae Naturalis Principia Mathematica
- C) Dialogue Concerning the Two Chief World Systems
- D) Micrographia

5. In 1796, English physician Edward Jenner developed the world's first successful vaccine against smallpox using tissue infected with which virus?

- A) Cowpox
- B) Horsepox
- C) Chickenpox
- D) Rabies

6. Archaeogenetic analysis conducted at Germany's Max Planck Institute revealed that present-day people of European ancestry carry approximately what percentage of Neanderthal DNA?

- A) 1% to 2%
- B) 5% to 7%
- C) 10% to 12%
- D) 15% to 18%