

World History: Milestones of Innovation

World History · Answer Key · 15 Questions

1. What is widely considered the first known system of writing, developed in ancient Mesopotamia around the 4th millennium BCE?

- A) Hieroglyphics
- B) Cuneiform**
- C) Alphabet
- D) Pictograms

2. The invention of the printing press with movable type by Johannes Gutenberg in the mid-15th century revolutionized the spread of information. What was one of its immediate significant impacts?

- A) Increased the cost of books
- B) Limited literacy to the elite
- C) Facilitated the Renaissance and Reformation**
- D) Caused a decline in manuscript production

3. Who is credited with the discovery of penicillin, the world's first widely effective antibiotic, in 1928?

- A) Louis Pasteur
- B) Marie Curie
- C) Alexander Fleming**
- D) Edward Jenner

4. The discovery of fire domestication by early hominids, estimated to have occurred between 1.5 million and 400,000 years ago, was a monumental step. What was its primary initial benefit for early humans?

- A) Development of complex tools
- B) Improved digestion and nutrition
- C) Protection from predators and warmth**
- D) Communication through smoke signals

5. What groundbreaking astronomical observation, made by Nicolaus Copernicus and later supported by Galileo Galilei, challenged the long-held geocentric model of the universe?

- A) The Earth is the center of the universe.
- B) The sun is the center of the solar system.**
- C) Planets orbit in elliptical paths.
- D) Stars are distant suns.

6. The development of the wheel, originating in Mesopotamia around the 4th millennium BCE, had a profound impact. What was its earliest documented application?

A) Potter's wheel

- B) Chariot construction
- C) Water lifting devices
- D) Millstones

7. Who is often credited with the invention of the first practical steam engine, which significantly powered the Industrial Revolution?

A) James Watt

- B) Thomas Newcomen
- C) Richard Arkwright
- D) George Stephenson

8. The development of agriculture, a pivotal 'Neolithic Revolution,' allowed for settled societies. Approximately when did this transition begin?

A) 12,000 BCE

- B) 5,000 BCE
- C) 1,000 CE
- D) 20,000 BCE

9. What significant discovery by Marie Curie, along with her husband Pierre, led to the understanding of radioactivity and the development of medical treatments?

A) X-rays

B) Polonium and Radium

- C) Vaccination
- D) The Electron

10. The invention of the telescope is attributed to several individuals, but Hans Lippershey is often credited with patenting the first practical design in 1608. What was its initial primary purpose?

A) Astronomy

B) Navigation and military observation

- C) Microscopic study
- D) Artistic magnification

11. The Code of Hammurabi, from ancient Babylon, is notable as one of the earliest and most complete written legal codes. What was its primary function?

A) Religious scripture

B) Philosophical treatise

C) Standardized laws and punishments

D) Historical chronicle

12. Who developed the first successful vaccine, for smallpox, in the late 18th century, marking a turning point in preventive medicine?

- A) Robert Koch
- B) Louis Pasteur
- C) Edward Jenner**
- D) Jonas Salk

13. The development of concrete by the Romans, a key building material that allowed for monumental structures, was a significant engineering feat. What Roman invention greatly expanded its use?

- A) The Arch**
- B) The Aqueduct
- C) The Dome
- D) The Lever

14. The discovery of the Americas by Europeans, led by Christopher Columbus in 1492, initiated the Columbian Exchange. What was a major consequence of this exchange for the Americas?

- A) Introduction of new livestock
- B) Rapid population growth of indigenous peoples
- C) Introduction of diseases to which indigenous populations had no immunity**
- D) Widespread adoption of European agricultural techniques

15. The invention of the magnetic compass, originating in China, profoundly impacted navigation. Approximately when did its use for maritime navigation become widespread?

- A) 3rd Century BCE
- B) 11th Century CE**
- C) 1st Century CE
- D) 15th Century CE