

Landmarks in Life Science History

Life Science · Practice Test · 18 Questions

1. Who is historically credited with the discovery of penicillin in 1928?

- A) Alexander Fleming
- B) Louis Pasteur
- C) Charles Darwin
- D) Gregor Mendel

2. Which scientist is known as the father of genetics for his studies on pea plants?

- A) Robert Hooke
- B) Gregor Mendel
- C) Carl Linnaeus
- D) James Watson

3. In 1859, who published the groundbreaking book 'On the Origin of Species'?

- A) Alfred Russel Wallace
- B) Isaac Newton
- C) Charles Darwin
- D) Thomas Huxley

4. What did Robert Hooke first identify in 1665 when observing cork under a microscope?

- A) DNA strands
- B) Bacteria
- C) Cells
- D) Mitochondria

5. Which researcher famously studied the behavior of chimpanzees in Gombe Stream National Park starting in 1960?

- A) Jane Goodall
- B) Dian Fossey
- C) Rachel Carson
- D) Rosalind Franklin

6. Louis Pasteur is historically famous for developing a vaccine against which disease?

- A) Polio
- B) Rabies
- C) Malaria
- D) Tuberculosis

7. Who was the first person to visualize bacteria using a handcrafted microscope in the 1670s?

- A) Antonie van Leeuwenhoek
- B) Galileo Galilei
- C) Benjamin Franklin
- D) Aristotle

8. Which female scientist contributed essential X-ray diffraction images that helped identify the structure of DNA?

- A) Marie Curie
- B) Barbara McClintock
- C) Rosalind Franklin
- D) Ada Lovelace

9. Carolus Linnaeus is known for creating which system used to name living organisms?

- A) The periodic table
- B) Taxonomy
- C) The theory of relativity
- D) Photosynthesis

10. What was the name of the first mammal successfully cloned from an adult somatic cell in 1996?

- A) Dolly the sheep
- B) Snuppy the dog
- C) CC the cat
- D) Prometea the horse

11. Which scientist is remembered for his work on the 'germ theory' of disease in the 19th century?

- A) Gregor Mendel
- B) Louis Pasteur
- C) Charles Darwin
- D) Edward Jenner

12. What did Edward Jenner develop in 1796 that is considered the world's first successful vaccine?

- A) Smallpox vaccine
- B) Flu shot
- C) Rabies vaccine
- D) Polio vaccine

13. In what year did the Human Genome Project officially declare the completion of a high-quality human genome sequence?

- A) 1990
- B) 2003
- C) 1985
- D) 2010

14. Which Greek philosopher is often called the 'father of biology' for his extensive classification of animals?

- A) Socrates
- B) Plato
- C) Aristotle
- D) Pythagoras

15. Rachel Carson published a book in 1962 that sparked the modern environmental movement. What was it titled?

- A) Silent Spring
- B) The Sea Around Us
- C) Darwin's Finches
- D) Green Earth

16. Who discovered that DNA is the material that makes up genes by studying bacteria in 1944?

- A) Oswald Avery
- B) Watson and Crick
- C) Linus Pauling
- D) Francis Collins

17. Which Dutch scientist coined the term 'cell' in biological history?

- A) Antonie van Leeuwenhoek
- B) Robert Hooke
- C) Jan Swammerdam
- D) Christiaan Huygens

18. What process did Jan Ingenhousz discover in 1779 regarding how plants produce oxygen?

- A) Evolution
- B) Photosynthesis
- C) Fermentation
- D) Respiration