

Milestones in Human Biology

Human Biology · Answer Key · 15 Questions

1. Who is credited with discovering the double helix structure of DNA in 1953?

A) James Watson and Francis Crick

- B) Louis Pasteur
- C) Charles Darwin
- D) Gregor Mendel

2. Which scientist is known for developing the first successful vaccine for smallpox?

A) Edward Jenner

- B) Alexander Fleming
- C) Joseph Lister
- D) Robert Koch

3. Who discovered the circulation of blood throughout the human body in the 17th century?

A) William Harvey

- B) Andreas Vesalius
- C) Galen
- D) Hippocrates

4. What substance was discovered by Alexander Fleming in 1928, marking the start of modern antibiotics?

A) Penicillin

- B) Insulin
- C) Aspirin
- D) Morphine

5. Who is widely considered the 'father of genetics' for his experiments with pea plants?

A) Gregor Mendel

- B) Carl Linnaeus
- C) Thomas Hunt Morgan
- D) Francis Galen

6. In which year was the first successful human heart transplant performed by Christiaan Barnard?

A) 1967

- B) 1955
- C) 1980
- D) 1945

7. What invention allowed scientists to first observe human cells in the 17th century?

A) Microscope

- B) Telescope
- C) X-ray
- D) Stethoscope

8. Who discovered the ABO blood group system, earning a Nobel Prize?

A) Karl Landsteiner

- B) Robert Hooke
- C) Ivan Pavlov
- D) Santiago Ramón y Cajal

9. Which female scientist is famously associated with the discovery of X-ray diffraction patterns of DNA?

A) Rosalind Franklin

- B) Marie Curie
- C) Ada Lovelace
- D) Barbara McClintock

10. What was the first hormone to be identified in the human body?

A) Secretin

- B) Insulin
- C) Adrenaline
- D) Estrogen

11. Who performed the first successful blood transfusion in a human in 1667?

A) Jean-Baptiste Denys

- B) William Harvey
- C) Andreas Vesalius
- D) Anthony van Leeuwenhoek

12. Which medical tool, invented by René Laennec in 1816, is used to listen to internal bodily sounds?

A) Stethoscope

- B) Thermometer
- C) Sphygmomanometer
- D) Otoscope

13. Who published 'On the Origin of Species', introducing the theory of evolution by natural selection?

A) Charles Darwin

B) Alfred Russel Wallace

C) Jean-Baptiste Lamarck

D) Thomas Malthus

14. What did Marie Curie discover that later became a foundation for medical imaging?

A) Radioactivity

B) Penicillin

C) DNA

D) Blood types

15. Which physician is remembered for his work on the anatomy of the human body and publishing 'De humani corporis fabrica'?

A) Andreas Vesalius

B) Hippocrates

C) Claudio Galen

D) Avicenna