

Human Biology Milestones

Human Biology · Practice Test · 25 Questions

1. Who is credited with first describing the circulation of blood in the human body in 1628?

- A) William Harvey
- B) Louis Pasteur
- C) Gregor Mendel
- D) Charles Darwin

2. Which scientist discovered penicillin, the first true antibiotic, in 1928?

- A) Robert Koch
- B) Alexander Fleming
- C) Joseph Lister
- D) Edward Jenner

3. What structure of DNA was first described by James Watson and Francis Crick in 1953?

- A) Triple helix
- B) Single strand
- C) Double helix
- D) Protein chain

4. Who is known as the 'father of modern anatomy' for his detailed drawings of the human body?

- A) Leonardo da Vinci
- B) Andreas Vesalius
- C) Galen
- D) Hippocrates

5. Edward Jenner is famous for creating the world's first vaccine, which targeted what disease?

- A) Polio
- B) Smallpox
- C) Measles
- D) Influenza

6. Who first identified the ABO blood group system in 1900?

- A) Karl Landsteiner
- B) William Beaumont
- C) Ivan Pavlov
- D) Santiago Ramón y Cajal

7. In which decade was the first successful human heart transplant performed?

- A) 1940s
- B) 1950s
- C) 1960s
- D) 1970s

8. What is the name of the woman whose cells, taken without consent in 1951, became the first immortal human cell line?

- A) Rosalind Franklin
- B) Henrietta Lacks
- C) Barbara McClintock
- D) Marie Curie

9. Who proposed the theory of evolution by natural selection in his 1859 book 'On the Origin of Species'?

- A) Charles Darwin
- B) Alfred Russel Wallace
- C) Thomas Huxley
- D) Jean-Baptiste Lamarck

10. Which invention allowed Robert Hooke to first observe and name 'cells' in 1665?

- A) X-ray
- B) Compound microscope
- C) MRI scanner
- D) Stethoscope

11. What organ did William Beaumont study in the 1820s to understand the process of human digestion?

- A) Liver
- B) Stomach
- C) Small intestine
- D) Pancreas

12. The first successful in vitro fertilization (IVF) led to the birth of Louise Brown in which year?

- A) 1968
- B) 1978
- C) 1988
- D) 1998

13. Who is often referred to as the 'father of medicine' for his contributions to the field in ancient Greece?

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

14. What was the first human hormone to be synthesized in a laboratory?

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

15. Which medical tool, invented by René Laennec in 1816, is used to listen to heart and lung sounds?

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

16. Who discovered the existence of X-rays, allowing doctors to 'see' inside the human body without surgery?

- A) Wilhelm Röntgen
- B) Marie Curie
- C) Ernest Rutherford
- D) Niels Bohr

17. What process, first successfully performed by Joseph Lister, reduced infection rates in surgery?

- A) Antisepsis
- B) Anesthesia
- C) Blood transfusion
- D) Organ transplant

18. The first complete map of the human genome was announced as finished in which year?

- A) 1993
- B) 2003
- C) 2013
- D) 2023

19. Who identified that germs cause disease, laying the foundation for modern microbiology?

- A) Louis Pasteur
- B) Gregor Mendel
- C) Isaac Newton
- D) John Dalton

20. In what year was the first successful human blood transfusion performed by Jean-Baptiste Denys?

- A) 1667
- B) 1767
- C) 1867
- D) 1967

21. Which vitamin was the first to be discovered, identified by Casimir Funk in 1912?

- A) Vitamin A
- B) Vitamin B1
- C) Vitamin C
- D) Vitamin D

22. Who was the first person to visualize bacteria and protozoa using a handcrafted microscope?

- A) Antonie van Leeuwenhoek
- B) Galileo Galilei
- C) Zacharias Janssen
- D) Robert Hooke

23. What did William Morton first demonstrate in 1846 to prevent pain during surgery?

- A) Local anesthesia
- B) General anesthesia
- C) Antibiotics
- D) Blood clotting

24. Who established the laws of inheritance based on his experiments with pea plants?

- A) Gregor Mendel
- B) Charles Darwin
- C) Thomas Hunt Morgan
- D) Francis Crick

25. The first successful artificial pacemaker was implanted in a human in 1958 in which country?

- A) USA
- B) Sweden
- C) UK
- D) Japan