Modern History and Scientific Milestones

Modern History · Answer Key · 15 Questions

1. Who is credited with developing the theory of general relativity in the early 20th century?

A) Isaac Newton
B) Albert Einstein
C) Nikola Tesla
D) Charles Darwin

2. In 1953, which scientists were responsible for discovering the double helix structure of DNA?

A) James Watson and Francis Crick
B) Marie and Pierre Curie
C) Louis Pasteur and Robert Koch
D) Gregor Mendel and Thomas Morgan

3. What major scientific project, completed in 1945, led to the creation of the first atomic bomb?

A) The Apollo Project
B) The Manhattan Project
C) The International Space Station
D) The Human Genome Project

4. Which medical breakthrough, discovered by Alexander Fleming in 1928, revolutionized the treatment of bacterial infections?

A) Vaccines
B) Insulin
C) Penicillin
D) X-rays

5. What is the name of the first human-made satellite launched into Earth's orbit by the Soviet Union in 1957?

A) Voyager 1
B) Hubble
C) Sputnik 1
D) Apollo 11

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6. Which scientist is famously associated with the theory of evolution by natural selection published in 1859?

A) Charles Darwin
B) Carl Sagan
C) Stephen Hawking
D) Gregor Mendel

7. What substance did Marie Curie pioneer the study of, leading to her two Nobel Prizes?

A) Electricity
B) Radioactivity
C) Plastics
D) Aerodynamics

8. In 1969, which mission successfully landed the first humans on the Moon?

A) Apollo 11
B) Gemini 8
C) Mercury-Atlas 6
D) Space Shuttle Columbia

9. Which astronomer proposed the heliocentric model of the universe, shifting the focus from Earth-centered views?

A) Nicolaus Copernicus
B) Johannes Kepler
C) Galileo Galilei
D) Edwin Hubble

10. What was the name of the first successful powered airplane flight conducted by the Wright brothers in 1903?

A) The Spirit of St. Louis
B) The Flyer
C) The Concorde
D) The Red Baron

11. Which invention by Guglielmo Marconi in the late 19th century laid the foundation for modern wireless communication?

A) The Telephone
B) The Telegraph
C) The Radio
D) The Television

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12. What scientific theory explains the origin of the universe as a rapid expansion from a hot, dense state?

A) Steady State Theory
B) Big Bang Theory
C) String Theory
D) Chaos Theory

13. Which computer scientist is often referred to as the father of theoretical computer science and artificial intelligence for his work in the 1940s?

A) Alan Turing
B) Bill Gates
C) Steve Jobs
D) Ada Lovelace

14. What was the primary gas identified by scientists as the main driver of the greenhouse effect and global warming?

A) Oxygen
B) Nitrogen
C) Carbon Dioxide
D) Helium

15. Which observational tool, launched into space in 1990, provided humanity with unprecedented deep-space images?

A) The Hubble Space Telescope
B) The James Webb Telescope
C) The Keck Observatory
D) The Very Large Array

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