

Europe's Cutting-Edge Discoveries: From Quantum Leaps to Ancient DNA Un

Science · Answer Key · 12 Questions

1. What viral doomsday scenario, penned by European AI researchers, uses a fictional narrative to warn about Europe losing technological sovereignty in the AI boom?

A) Europe 2031

- B) AI Apocalypse Now
- C) The Brussels Bot
- D) EuroDystopia

2. The European Space Agency's (ESA) 2014 short film 'Ambition' was an advertisement for which upcoming mission?

A) A mission to catch a comet

- B) A mission to Mars
- C) A mission to study exoplanets
- D) A mission to explore Jupiter's moons

3. Which European city is becoming a hub for quantum computing, with initiatives like the 'Quantum Valley' aiming to rival Silicon Valley?

A) Europe doesn't have a specific 'Quantum Valley' yet, but several countries are leading research

- B) Berlin
- C) Paris
- D) Amsterdam

4. Recent genetic research involving over 500 European patients has focused on diagnosing what type of conditions?

A) Rare neurological disorders and other rare diseases

- B) Common infectious diseases
- C) Age-related macular degeneration
- D) Cancers with known genetic markers

5. CERN's new cultural season, 'Generation Higgs,' launched in September 2025, is dedicated to which driving force of curiosity and innovation?

A) Youth

- B) Artificial Intelligence
- C) Space Exploration
- D) Ancient Civilizations

6. Which European country's capital city is built on top of the ruins of Roman Serdica, where an undiscovered amphitheater was unearthed during hotel construction?

A) Bulgaria (Sofia)

B) Greece (Athens)

C) Italy (Rome)

D) Spain (Mérida)

7. The European Medicines Agency (EMA) reported a strong performance in 2025, recommending how many medicines for approval, including many for cancer and rare diseases?

A) 104

B) 50

C) 200

D) 75

8. A viral doomsday scenario called 'Europe 2031' highlights a fictional future where Europe faces a critical challenge related to which technological sector, potentially losing control to the US?

A) Artificial Intelligence (AI)

B) Biotechnology

C) Renewable Energy

D) Advanced Materials

9. Recent archaeological discoveries in Romania at Românești offer insights into the lifestyle and craftsmanship of which early European inhabitants around 40,000 years ago?

A) Homo sapiens

B) Neanderthals

C) Early hominids

D) Homo erectus

10. Which European research initiative aims to develop new materials, including those for compound semiconductors, polymers, and perovskites, with a focus on solutions for health, electronics, and energy?

A) European Research Council (ERC) projects

B) CERN's research programs

C) The European Space Agency's science missions

D) The European Medicines Agency's initiatives

11. The European Space Agency's Euclid telescope, in March 2026, discovered 31 of what type of ancient celestial objects, more than doubling the known number of such ancient objects?

A) Quasars

B) Nebulae

C) Supernovae

D) Exoplanets

12. In the context of AI research and development in Europe, which EU program has earmarked EUR2.1 billion specifically for AI development between 2021 and 2027?

A) Digital Europe program

B) Horizon 2020

C) Galileo Programme

D) Copernicus Programme