US Tech & Economy: Global Events Shaping AI, Chips, 5G, and Reshoring Tre

Technology & Economy · Answer Key · 12 Questions

1. By 2030, what is the projected economic contribution of 5G technology to the United States' GDP?

A) $1.3 trillion
B) $484 billion
C) $9.2 billion
D) $2.7 trillion

2. What percentage of U.S. manufacturing jobs announced in 2024 due to reshoring were in high-tech or medium-high-tech sectors?

A) 50%
B) 75%
C) 88%
D) 60%

3. What was the estimated contribution of AI to the US economy as of 2024, with projections for 2030?

A) $100 billion, $1 trillion
B) $400 billion, $4.4 trillion
C) $50 billion, $500 billion
D) $200 billion, $2 trillion

4. Which factor is identified as the primary limiting factor for U.S. production growth in the 2025 Reshoring Survey?

A) High labor costs
B) Lack of raw materials
C) Workforce availability
D) Outdated technology

5. What percentage of global semiconductor revenue did U.S.-headquartered firms account for in 2024?

A) 35.2%
B) 42.8%
C) 50.4%
D) 61.7%

6. In 2024, what percentage of the rare earth elements used by the U.S. were imported?

A) 60%
B) 70%
C) 80%
D) 90%

7. What two risks were projected as the top threats to businesses in 2026 according to PwC's 29th Global CEO Survey?

A) Inflation and geopolitical risk
B) Cyber risks and talent shortages
C) Macroeconomic volatility and cyber risks
D) Technological disruption and supply chain issues

8. By what percentage did traffic to U.S. e-commerce websites from generative AI sources increase at the beginning of 2025 compared to six months earlier?

A) 100%
B) 500%
C) 800%
D) 1200%

9. What is the projected global bioscience product market size by 2034, growing from $1.7 trillion in 2025?

A) $2.5 trillion
B) $3.8 trillion
C) $5 trillion
D) $7.2 trillion

10. What was a significant challenge for the U.S. 5G ecosystem as of early 2025, particularly impacting the balance of coverage and capacity?

A) Lack of device compatibility
B) Limited consumer demand
C) Insufficient network infrastructure
D) Lack of access to additional licensed mid-band spectrum

11. What action did the White House take on June 22, 2026, regarding quantum computing?

A) Established a new international quantum research consortium
B) Announced a reduction in quantum computing funding
C) Made quantum computing a formal U.S. national priority
D) Implemented new taxes on quantum technology companies

12. The CHIPS Act aims to reduce U.S. reliance on foreign production of what critical technology?

A) Batteries
B) Solar Panels
C) Semiconductor Chips
D) Electric Vehicles