

Australia's Tech Frontier: AI Dominance, Space Race, and Green Energy Shift

Technology · Practice Test · 18 Questions

1. In 2025, which sector is projected to see the most significant growth in venture capital investment in Australia, with over 60% of startup funding directed towards companies utilizing AI?

- A) Renewable Energy Technology
- B) Semiconductor Manufacturing
- C) Artificial Intelligence (AI)
- D) Space Technology

2. As of 2024, what was the approximate value of private sector investment in Australia's space sector?

- A) A\$1.1 billion
- B) A\$289 million
- C) A\$4.6 billion
- D) A\$620 million

3. In 2024, Australia added a record amount of renewable energy generation capacity. Approximately how many gigawatts (GW) of capacity were added?

- A) 3.2 GW
- B) 4.3 GW
- C) 7.5 GW
- D) 9.2 GW

4. According to Gartner's forecast, by what percentage is Australia's spending on information security and risk management products and services expected to grow in 2025 compared to 2024?

- A) 10.85%
- B) 14.4%
- C) 16.1%
- D) 20.0%

5. The Australian fintech market is projected to grow significantly. From USD 11.78 billion in 2025, what is it expected to reach by 2030?

- A) USD 15.69 billion
- B) USD 19.3 billion
- C) USD 23.69 billion
- D) USD 30.1 billion

6. Which industries in Australia have seen the highest job posting growth between 2019 and 2024, potentially driven by AI integration?

- A) Mining and Resources, and Manufacturing
- B) Information and Communication Technology
- C) Agriculture, Hotels and Catering, and Recreation and Culture
- D) Financial and Insurance Activities

7. In 2024, what was the approximate total installed solar capacity in Australia, maintaining its position in the top 10 globally?

- A) 26.8 GW
- B) 30 GW
- C) 40 GW
- D) 50 GW

8. Australia's semiconductor market is supported by government incentives. In what specific sector did the Australian government increase funding for R&D in August 2023?

- A) Consumer Electronics
- B) Automotive Semiconductors
- C) Semiconductor Manufacturing for Clean Energy
- D) Defense Applications

9. As of 2025, what percentage of Australians shopped via mobile, and what percentage of orders were placed using mobile devices in Q3 2024?

- A) 85% of Australians, 60% of orders
- B) 90% of Australians, 65% of orders
- C) 95% of Australians, 68% of orders
- D) 98% of Australians, 70% of orders

10. In 2024, Australia attracted a significant amount of private investment in AI firms. What was the approximate value of this investment?

- A) A\$10 billion
- B) A\$700 million
- C) A\$520 million
- D) A\$2.5 billion

11. The Australian cybersecurity market is projected to grow substantially. What is the expected Compound Annual Growth Rate (CAGR) for the period of 2025-2033?

- A) 10.85%
- B) 13.9%
- C) 14.4%
- D) 16.1%

12. Which Australian company announced a significant breakthrough in quantum computing semiconductors in July 2024, advancing silicon-based quantum chips?

- A) Carbon Clean
- B) AtSpace
- C) Silicon Quantum Computing
- D) Fleet Space Technologies

13. In 2025, what is the projected revenue for Australia's space technology market?

- A) USD 3.9 million
- B) USD 7.9 million
- C) USD 10 million
- D) USD 15 million

14. Australia's e-commerce logistics sector is being transformed by customer demand. What is a key trend expected to be standard, not optional, in 2025?

- A) Two-day delivery
- B) Free shipping on all orders
- C) Same-day delivery
- D) Personalized gift wrapping

15. According to a PwC Australia report, between 2019 and 2024, augmentable jobs grew by what percentage across all industries in Australia?

- A) 25%
- B) 35%
- C) 47%
- D) 56%

16. Which region in Australia is focusing on semiconductor R&D for clean energy and automotive applications, launching an initiative in March 2024 to boost production capabilities?

- A) New South Wales
- B) Victoria
- C) Queensland
- D) Western Australia

17. What is the projected compound annual growth rate (CAGR) for the Australian semiconductor market from 2026 to 2034?

- A) 5.04%
- B) 5.99%
- C) 10.85%
- D) 13.9%

18. In 2024, what percentage of device-present transactions acquired in Australia were made by mobile wallets like Apple Pay and Google Pay?

- A) 34%
- B) 44%
- C) 54%
- D) 64%