

Australia's Tech Surge: AI, Space, and Cybersecurity Lead 2025 Innovations

Technology · Answer Key · 12 Questions

1. In 2025, what sector was identified by Australian tech leaders as presenting the greatest opportunity for businesses?

- A) Quantum Computing
- B) Artificial Intelligence (AI)**
- C) Metaverse Development
- D) Biotechnology

2. Which Australian company attempted the first launch of an Australian-made rocket into orbit from Australian soil in July 2025?

- A) Fleet Space Technologies
- B) Gilmour Space Technologies**
- C) Arkeus
- D) SpacePort Australia

3. According to the Australian Cyber Security Centre's (ACSC) Annual Cyber Threat Report 2024-25, approximately how often were cybercrime reports received by the ACSC in FY2024-25?

- A) One report every hour
- B) One report every 6 minutes**
- C) One report every 30 minutes
- D) One report every 15 minutes

4. Australia aims to become a global leader in exports for which type of clean energy by 2030?

- A) Solar Energy
- B) Wind Power
- C) Green Hydrogen**
- D) Geothermal Energy

5. Which Australian university led the team that created a full picture of how errors unfold over time inside a quantum computer, a breakthrough published in December 2025?

- A) University of Melbourne
- B) University of Sydney
- C) Macquarie University**
- D) University of New South Wales

6. In 2025, the Australian fintech market was projected to grow significantly. Which segment is considered the most significant and fastest-growing?

- A) Lending Platforms
- B) Wealth Management
- C) Digital Payments**
- D) Blockchain Solutions

7. What technology is Australian tech leaders most concerned about impacting modern encryption and data security in the coming years, as highlighted in a 2025 report?

- A) Artificial Intelligence
- B) Quantum Computing**
- C) Advanced Robotics
- D) 5G Networks

8. Australia's EdTech market was forecast to reach AUD 1.6 billion by 2024. Which technology is at the forefront of EdTech innovations, enabling personalized learning pathways?

- A) Virtual Reality (VR)
- B) Augmented Reality (AR)
- C) Artificial Intelligence (AI)**
- D) Blockchain

9. What is the projected value of the Australian quantum technology industry by 2045, according to the State of Australian Quantum Report 2024?

- A) \$1 billion
- B) \$6 billion**
- C) \$10 billion
- D) \$20 billion

10. In 2025, cybersecurity in Australia faced challenges with rising costs for businesses. Which type of attacks were specifically mentioned as increasing costs due to AI?

- A) Ransomware attacks
- B) Phishing attacks
- C) AI-driven attacks**
- D) DDoS attacks

11. Which Australian state is developing advanced technology for the Royal Australian Navy's undersea surveillance capability, as reported in May 2026?

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

12. Australia's National AI Plan aims to grow the AI industry. What is a key area of focus for foreign investment in Australia's AI ambitions?

- A) AI Software Development
- B) AI Hardware Manufacturing
- C) AI Research Excellence
- D) All of the above**