

Australia's Latest Tech Breakthroughs: Space Missions, AI Advancements, and More

Australian Technology · Practice Test · 8 Questions

1. Which Australian company is developing a rocket called 'Eris' for orbital launches from North Queensland?

- A) Fleet Space Technologies
- B) Gilmour Space Technologies
- C) Southern Launch
- D) Equinox

2. In the realm of renewable energy, what type of solar cell technology is Australia heavily researching for its potential high efficiency and low cost?

- A) Cadmium Telluride
- B) Gallium Arsenide
- C) Perovskite
- D) Amorphous Silicon

3. Which Australian university is leading research into zero-gravity experiments for extracting fuel and fertilizer from off-Earth resources?

- A) University of Sydney
- B) University of Melbourne
- C) The University of Western Australia
- D) Monash University

4. What is the primary focus of Australia's national cybersecurity strategy for the period 2023-2030?

- A) Developing AI-powered defenses
- B) Establishing a Cyber Incident Review Board
- C) Mandating blockchain for all transactions
- D) Creating a national quantum-safe encryption standard

5. Which Australian company, known for its work in quantum technology, has deployed a new quantum clock technology called TEMPO into space?

- A) Q-CTRL
- B) QuantX Labs
- C) Diraq
- D) Emergence Quantum

6. Australia's National AI Plan outlines three priorities for 2026. Which of the following is NOT one of them?

- A) AI infrastructure
- B) AI risk management
- C) AI workforce development
- D) Establishing a national AI currency

7. Which Australian company is developing utility-scale quantum computers using silicon technology compatible with existing semiconductor manufacturing?

- A) Q-CTRL
- B) QuantX Labs
- C) Diraq
- D) Emergence Quantum

8. What is the main goal of the 'Murchison Green Hydrogen' project in Western Australia?

- A) To power remote communities with solar energy
- B) To produce green ammonia for domestic use and export
- C) To develop advanced battery storage solutions
- D) To establish a national electric vehicle charging network