

Australia's Cutting-Edge Science: AI Supercomputers, Space Tech, and Health

Science · Answer Key · 10 Questions

1. What is the name of the new AI supercomputer launched by Monash University to accelerate research in areas like cancer and infectious diseases?

- A) MAVERIC**
- B) CSIRO
- C) ARTEMIS
- D) POSSUM

2. Which Australian university is collaborating with the Republic of Korea to develop AI and machine learning technologies for onboard LEO satellites?

- A) University of Western Australia
- B) Macquarie University**
- C) Adelaide University
- D) Monash University

3. The Australian Space Summit & Exhibition is scheduled to take place in Sydney on which dates in June 2026?

- A) June 1-2
- B) June 5-6
- C) June 17-18**
- D) June 25-26

4. What is a key focus of the new National Health and Medical Research Strategy 2026-2036 for Australia?

- A) Expanding fossil fuel research
- B) Strengthening the health and medical research workforce and accelerating new treatments**
- C) Reducing funding for cancer research
- D) Focusing solely on environmental science

5. Researchers at UNSW Sydney are leading a trial called RESTORE to investigate treatments for which condition in post-menopausal women?

- A) Osteoporosis
- B) Coronary Microvascular Dysfunction (CMD)**
- C) Type 2 Diabetes
- D) Alzheimer's Disease

6. What significant space mission, launched in April 2026, did Australian facilities support with tracking and communications?

A) Mars Perseverance Rover mission

B) Artemis II

C) James Webb Space Telescope deployment

D) Voyager 1 flyby

7. A landmark study, co-led by WEHI, identified a blood signature that can predict the risk of which type of cancer years before diagnosis?

A) Breast Cancer

B) Prostate Cancer

C) Lung Cancer

D) Leukemia

8. Which Australian telescope played a crucial role in producing the largest and most detailed maps ever made of the universe's magnetic fields?

A) Hubble Space Telescope

B) James Webb Space Telescope

C) ASKAP (Australian Square Kilometre Array Pathfinder)

D) Very Large Telescope

9. Researchers are concerned that South Australia's booming koala population may be heading towards what environmental issue?

A) Mass starvation due to overpopulation

B) Increased predation by invasive species

C) Habitat destruction from bushfires

D) A decrease in genetic diversity

10. What is the primary goal of the 2026 Research Translation Grant for Australian dementia researchers?

A) To fund basic research into the causes of dementia

B) To develop new diagnostic imaging techniques

C) To transform evidence-based research into practical improvements in dementia care and support

D) To establish international research collaborations