

Latin America & Caribbean Shine: Argentina's Moonshot, Brazil's Satellite Success

Space Exploration · Answer Key · 10 Questions

1. Which Argentine microsatellite successfully established communication from a record distance of 70,000 kilometers from Earth during NASA's Artemis II mission?

- A) SAC-D
- B) SAOCOM 1A
- C) ATENEA**
- D) SAC-C

2. What was the primary purpose of Brazil's Amazonia 1 satellite, launched in January 2021?

- A) Weather forecasting
- B) Earth observation**
- C) Communication relay
- D) Deep space research

3. The Latin American and Caribbean Space Agency (ALCE), established in 2021, has its headquarters in which country?

- A) Argentina
- B) Brazil
- C) Mexico**
- D) Cuba

4. Which Caribbean nation recently participated in a historic space biology experiment launched from Sweden as part of a partnership with Switzerland?

- A) Jamaica
- B) Trinidad and Tobago
- C) Cuba
- D) St. Kitts and Nevis**

5. Argentina was the first country in Latin America to achieve what significant space milestone using an indigenously developed rocket?

- A) Launch a satellite into geostationary orbit
- B) Send an object into space**
- C) Establish a lunar research base
- D) Detect an exoplanet

6. What is the main goal of the Latin American and Caribbean Space Agency (ALCE) regarding space technology in the region?

- A) To establish a unified space military force
- B) To coordinate space cooperation for peaceful uses and exploration**
- C) To solely focus on asteroid mining
- D) To develop commercial space tourism

7. Which Brazilian astronaut was the first native Portuguese-speaker to go into space, visiting the International Space Station in 2006?

- A) Marcos Pontes**
- B) Arnaldo Tamayo Méndez
- C) José M. Morelos
- D) Cristina Fernández

8. Mexico's 'Colmena Project' is an ambitious lunar exploration mission involving what type of robotic explorers?

- A) Large rovers
- B) Floating drones
- C) Microrobots**
- D) Submersible probes

9. The Argentine microsatellite ATENEA was launched as a secondary payload on which NASA mission, marking a return to the Moon?

- A) Artemis I
- B) Artemis II**
- C) Artemis III
- D) Apollo 17

10. What is the name of Brazil's primary spaceport, which is attracting international space operators?

- A) Barreira do Inferno Launch Center
- B) Teófilo Tabanera Space Center
- C) Alcântara Launch Center**
- D) Kourou Spaceport