

Latin American & Caribbean Space Scene: From Lunar Missions to Viral AI As

Space Exploration · Answer Key · 14 Questions

1. Which Mexican lunar exploration mission, featuring five small robots, successfully launched aboard the Peregrine Lander in June 2024?

A) COLMENA Project

- B) AztechSat-1
- C) OMECCA
- D) MexSat

2. The Latin American and Caribbean Space Agency (ALCE) was established in 2021 with the primary objective of coordinating space cooperation for the peaceful use of outer space. Which country hosts ALCE's headquarters?

A) Mexico

- B) Argentina
- C) Brazil
- D) Cuba

3. Which South American country is pioneering space agriculture initiatives as part of its contribution to NASA's Artemis Accords, focusing on developing technologies for stable food supply for astronauts?

A) Brazil

- B) Argentina
- C) Colombia
- D) Chile

4. Recently, an AI-generated image of a fictional Maya astronaut went viral across Latin America, sparking discussions about representation. Which Mexican region was this fictional astronaut said to be from?

A) Chiapas

- B) Oaxaca
- C) Yucatán
- D) Guerrero

5. The 'Project HARP' (High-Altitude Research Program), a significant early space endeavor in the Caribbean, was primarily constructed in which Barbados facility starting in 1962?

A) A research facility in Barbados

- B) A military base in Jamaica
- C) A university in Trinidad and Tobago
- D) A naval station in Cuba

6. Which Argentine company, a provider of satellite-based Earth imaging and data solutions, was founded in Buenos Aires and is a notable player in the South American space tech startup scene?

A) Satellogic

- B) Ion-X
- C) Novo Space
- D) Solar54

7. The China-Brazil Earth Resources Satellite (CBERS) program, a long-standing collaboration in space technology, began in what year?

A) 1984

- B) 1994
- C) 2004
- D) 2010

8. Which nation in Latin America was the first to have a citizen, Arnaldo Tamayo Mendez, in space as part of the Soviet Union's Intercosmos Program in 1980?

A) Cuba

B) Mexico

- C) Brazil
- D) Argentina

9. The Mexican Space Agency (AEM) has been actively supporting UN-SPIDER through technical advisory missions to which sub-region of the Americas?

A) Central American countries

- B) The Caribbean islands
- C) The Andean nations
- D) The Southern Cone

10. Which country in Latin America has a space agency, the Colombian Space Agency (AEC), that focuses on developing aerospace technology and services with significant social and environmental impact, and is a member of the International Astronautical Federation?

A) Colombia

- B) Ecuador
- C) Peru
- D) Uruguay

11. Nevis recently made history with the first space life sciences experiment launch from the Caribbean region, which took place aboard a mission from which European space center?

A) Esrange Space Center in Sweden

- B) European Space Agency (ESA)
- C) Guiana Space Centre
- D) Baikonur Cosmodrome

12. Argentina's National Space Activities Commission (CONAE) has developed several satellite series. Which of these is designed for Earth observation using microwave technology?

A) SAOCOM

- B) SAC
- C) SARE
- D) SABIAMAR

13. Brazil's Alcântara Space Center is strategically located just two degrees south of the equator, offering advantages for launching satellites into which type of orbit?

A) Polar and equatorial orbits

- B) Geostationary orbit
- C) Low Earth orbit
- D) Highly elliptical orbit

14. The establishment of the Latin American and Caribbean Space Agency (ALCE) was a significant achievement of which regional bloc's summit in 2021?

A) Community of Latin American and Caribbean States (CELAC)

- B) Mercosur
- C) Caribbean Community (CARICOM)
- D) Union of South American Nations (UNASUR)