

East Asia's Space Race Heats Up: South Korea Satellite Launch & China's Ma

Space Exploration · Answer Key · 10 Questions

1. What significant milestone did South Korea achieve in space exploration this week?

A) Launched its first privately built Earth observation satellite

B) Sent its first astronaut to the International Space Station

C) Established a new lunar base

D) Launched a deep-space telescope

2. What is the name of the recently launched South Korean Earth observation satellite?

A) CAS500-2

B) Tianzhou-9

C) Hayabusa2

D) Chang'e-7

3. Which country is planning to bring back samples from Mars around 2031 with its Tianwen-3 mission?

A) China

B) Japan

C) South Korea

D) Taiwan

4. What recent activity has China's Tianzhou-9 cargo spacecraft completed?

A) Successfully completed a controlled re-entry into Earth's atmosphere

B) Docked with the International Space Station

C) Began a mission to Jupiter

D) Collected samples from an asteroid

5. Which East Asian space agency is collaborating with the European Space Agency (ESA) on the Ramses mission to study the asteroid Apophis?

A) Japan Aerospace Exploration Agency (JAXA)

B) China National Space Administration (CNSA)

C) Korea Aerospace Administration (KASA)

D) Taiwan Space Agency (TASA)

6. What type of satellite did South Korea launch, intended for tasks such as land management and disaster monitoring?

A) Earth Observation Satellite

B) Communication Satellite

C) Weather Satellite

D) Navigation Satellite

7. The China National Space Administration (CNSA) has announced plans for intensive space missions in 2026, including tests for what type of rocket technology?

A) Reusable rockets

- B) Liquid hydrogen rockets
- C) Solid-fuel rockets
- D) Nuclear-powered rockets

8. Which Japanese mission, planned for launch in Fiscal Year 2026, aims to explore Mars' moons and return a sample from Phobos?

A) Martian Moons eXploration (MMX)

- B) Hayabusa2
- C) BepiColombo
- D) SLIM

9. The Taiwan Space Agency (TASA) has licensed a satellite-grade general-purpose GPU for commercialization. What capability does this technology aim to improve in satellites?

A) In-orbit system processing

- B) Long-range communication
- C) Solar power generation
- D) Maneuvering thrusters

10. What is the name of China's orbiting space station, which has seen recent activity with the Tianzhou-9 cargo spacecraft?

A) Tiangong

- B) ISS
- C) Skylab
- D) Mir