

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

Space Exploration · Practice Test · 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