

BRICS Nations' Latest Space Leaps: From Lunar Landings to Orbital Innovation

Space Exploration · Answer Key · 19 Questions

1. Which BRICS nation recently launched the Tianzhou-10 cargo mission to resupply its Tiangong space station?

- A) India
- B) Russia
- C) China**
- D) Brazil

2. In early May 2026, which BRICS country successfully launched the Tianzhou-10 cargo spacecraft, carrying supplies and an "artificial embryo" experiment?

- A) South Africa
- B) China**
- C) India
- D) Russia

3. Which BRICS nation's space agency is playing a key support role in NASA's Artemis II mission by providing critical spacecraft tracking and telemetry support?

- A) India
- B) Brazil
- C) Russia
- D) South Africa**

4. As of May 2026, which BRICS country has conducted 16 crewed spaceflight launches, with the most recent being Shenzhou 21?

- A) Russia
- B) India
- C) China**
- D) Brazil

5. Which BRICS country is developing a new satellite internet network called Rassvet, intended as a national alternative to Starlink?

- A) India
- B) Brazil
- C) China
- D) Russia**

6. Which BRICS nation's space agency recently launched the Progress 95 robotic cargo freighter to the International Space Station?

- A) China
- B) Russia**
- C) India
- D) South Africa

7. The BRICS Virtual Constellation of Remote Sensing Satellites, an agreement for data exchange, was signed in 2021 by which five founding countries?

- A) China, India, Russia, South Africa, Iran
- B) Brazil, Russia, India, China, South Africa**
- C) India, Russia, China, Brazil, UAE
- D) South Africa, India, China, Brazil, Egypt

8. Which BRICS nation successfully landed the Chandrayaan-3 probe on the lunar south pole in August 2023, a historic first?

- A) China
- B) Russia
- C) India**
- D) Brazil

9. Which BRICS country is preparing to launch an orbital rocket in 2026 developed by national companies, aiming for autonomous access to orbit?

- A) South Africa
- B) India
- C) Russia
- D) Brazil**

10. South Africa's SANSA operates the largest ground station in the Southern Hemisphere at which facility, supporting missions like Artemis II?

- A) Cape Town
- B) Johannesburg
- C) Hartebeesthoek**
- D) Gauteng

11. China's recent Tianzhou-10 mission is carrying an unprecedented study on the development of what in space?

- A) New rocket fuel
- B) Artificial embryos**
- C) Lunar soil samples
- D) New astronaut food

12. Which BRICS nation recently launched the LVM3-M5 / CMS-03 mission, setting a record for the heaviest GTO satellite launched from Indian soil?

- A) China
- B) Russia
- C) India**
- D) Brazil

13. The BRICS satellite constellation, operational for one year, has exchanged 1.5 terabytes of climate data using satellites from Brazil, China, Russia, and which other BRICS nation?

- A) South Africa
- B) Iran
- C) India**
- D) Egypt

14. Which BRICS country, despite international sanctions, is developing national launch vehicles and has recently launched Iranian satellites like Nahid-2?

- A) India
- B) Russia**
- C) Brazil
- D) Iran

15. South Korea's Innospace attempted a rocket launch from Brazil's Alcântara Launch Center in December 2025 as part of which operation, marking Brazil's entry into the global commercial launch market?

- A) Operation Starfall
- B) Operation Falcon
- C) Operation Spaceward**
- D) Operation Launchpad

16. Which BRICS nation is developing its own space station, Tiangong, and advancing in asteroid mining projects?

- A) India
- B) Russia
- C) Brazil
- D) China**

17. The Chandrayaan-3 mission, which made India the first country to land on the lunar south pole, was launched in which year?

A) 2021

B) 2023

C) 2022

D) 2024

18. The Russian space corporation Roscosmos is planning to construct a new space station, the Russian Orbital Station, starting in which year?

A) 2026

B) 2028

C) 2025

D) 2027

19. Brazil's Amazonia 1, the first Earth observation satellite designed, integrated, tested, and operated entirely by Brazil, was launched from which country in January 2021?

A) Russia

B) South Africa

C) India

D) China