

Asia's Scientific Diplomacy: Space Race, Climate Solutions, and Health Alliances

Asia Science Diplomacy · Answer Key · 10 Questions

1. Which two Asian countries recently signed an agreement to advance cooperation in space exploration, science, and aeronautics, building on their existing collaboration in Earth observation satellites?

- A) South Korea and Japan
- B) China and Thailand
- C) South Korea and the United States**
- D) India and Singapore

2. Which organization is working on a project using alternate wetting and drying irrigation, a special fertilizer cocktail, and optimized rice varieties to cut methane emissions from rice fields by up to 50% across Asia?

- A) International Rice Research Institute (IRRI)
- B) Temasek Life Sciences Laboratory (Singapore)**
- C) China National Rice Research Institute
- D) Indian Council of Agricultural Research

3. What is a key focus of the recent scientific and technological cooperation agreement signed between China and the United States for the next five years?

- A) Collaboration on critical and emerging technologies like AI and semiconductors
- B) Joint development of advanced weaponry
- C) Exclusion of collaboration on critical and emerging technologies**
- D) Mandatory technology transfer from the US to China

4. The Asia-Pacific Space Cooperation Organization (APSCO) serves as a diplomatic platform for which type of cooperation among emerging space powers?

- A) Exchanging knowledge and building peaceful applications for space technologies**
- B) Developing joint military satellite systems
- C) Regulating space debris
- D) Commercializing lunar resources

5. Which region's countries are uniting at an inaugural summit to address challenges like the circular economy, glaciers, biodiversity loss, climate action, and air pollution through new regional partnerships?

- A) Southeast Asia
- B) South Asia
- C) Central Asia**
- D) East Asia

6. What is the primary goal of the 'e-ASIA Joint Research Program'?

- A) To develop a vibrant and collaborative research community in Science and Technology to promote innovation and resolve shared challenges in the Asia region.**
- B) To establish a joint military research facility in East Asia.
- C) To fund individual researchers for independent study without collaboration.
- D) To focus solely on space exploration technology development.

7. Which two South Asian nations, despite historical mistrust, are increasingly collaborating on health diplomacy, drawing inspiration from regional initiatives in Africa, Latin America, and Southeast Asia to enhance disease surveillance and pandemic preparedness?

- A) India and Pakistan**
- B) Bangladesh and Nepal
- C) Sri Lanka and Maldives
- D) Bhutan and Afghanistan

8. Japan and the U.S. are deepening space cooperation, with Japan planning to provide a pressurized lunar rover for future Artemis missions. What is a shared goal announced by their leaders regarding lunar exploration?

- A) A Japanese national to be the first non-American astronaut to land on the Moon**
- B) A joint mission to establish a permanent lunar base
- C) The development of a collaborative lunar mining operation
- D) The creation of a new lunar space telescope

9. The 'Cultivating the Humanities and Social Sciences (CHSS)' project, supported by Sweden, aims to enhance research capabilities in South and Southeast Asia, focusing on policy-relevant research for peacebuilding and development. Which of these is NOT a focus area for the project's interdisciplinary research?

- A) Artificial Intelligence Ethics**
- B) Development
- C) Democracy
- D) Environment

10. What is a notable recent scientific achievement by India's space agency, ISRO, for which it received significant international praise?

- A) Becoming the first nation to land on the Moon's southern hemisphere with Chandrayaan-3**
- B) Launching the first crewed mission to Mars
- C) Discovering a new exoplanet within our solar system
- D) Successfully landing a probe on Venus