

Asia's Latest Scientific Frontiers: From Ancient Discoveries to AI and Space E

Science · Answer Key · 12 Questions

1. Which Southeast Asian nation is making significant strides in AI, establishing a National AI Office (NAIO) to draft policies and regulations for responsible AI integration?

- A) Singapore
- B) Malaysia**
- C) Vietnam
- D) Indonesia

2. In 2025, China unveiled its top 10 archaeological discoveries for 2024. Which Paleolithic site in Sichuan Province provided evidence of a settlement dating back 60,000 to 80,000 years?

- A) Xiatang Site
- B) Mengxihe Site**
- C) Mapu Tsho relics site
- D) Siwa Site

3. Which Asian country is leading in offshore wind capacity, with projections showing a sixfold increase between 2024 and 2030, and is also a significant player in solar panel manufacturing?

- A) Japan
- B) South Korea
- C) China**
- D) India

4. The Chang'e-6 mission, launched in May 2024, successfully returned samples from which part of the Moon, providing insights into its geological history?

- A) The Lunar North Pole
- B) The Lunar South Pole
- C) The far side of the Moon**
- D) The Lunar Equator

5. Which Asian country is noted for its advanced semiconductor manufacturing capabilities, producing a significant portion of the world's most advanced chips for AI accelerators?

- A) Taiwan**
- B) South Korea
- C) Japan
- D) China

6. In the field of quantum technology, which ASEAN nation launched its first quantum computing facility in 2024 through an international partnership?

- A) Singapore
- B) Thailand
- C) Malaysia**
- D) Indonesia

7. According to a 2025 report, Asia is warming at nearly twice the global average rate. Which Asian country experienced temperatures exceeding 48-50 °C in 2024 due to extreme heatwaves?

- A) India and Bangladesh
- B) Myanmar and Pakistan**
- C) China and Vietnam
- D) Thailand and Malaysia

8. The joint Japan-India LUPEX mission, slated for launch no earlier than 2025, aims to explore which region of the Moon for potential water ice?

- A) The lunar equator
- B) The lunar far side
- C) The lunar south pole**
- D) The lunar north pole

9. Which Chinese research achievement, focused on creating the first two-dimensional metals, was named one of Physics World's Top 10 Breakthroughs for 2025?

- A) Discovery of chiral graviton modes
- B) Scalable fabrication of flexible diamond films
- C) Creation of 2D metals**
- D) Fusion devices sustaining operation above 100 million degrees Celsius

10. In 2025, China's National Medical Product Administration (NMPA) approved a significant number of innovative drugs. Approximately how many innovative drugs were approved that year?

- A) 30
- B) 45
- C) 69**
- D) 82

11. Which nation is investing heavily in cell and gene therapy, with countries like Japan, China, and South Korea leading in regulatory frameworks and manufacturing capabilities?

- A) India
- B) Vietnam
- C) The Philippines

D) The entire APAC region

12. The Einstein Probe, a space telescope launched in 2024 by the Chinese Academy of Sciences in collaboration with the European Space Agency, is designed to detect what kind of cosmic events?

- A) Sudden bursts of radio waves
- B) Sudden, short-lived bursts of high-energy X-ray radiation**
- C) Gravitational waves from merging black holes
- D) Cometary impacts on exoplanets