

South Korea's July 2026 Science Horizon: Space, AI, and Green Energy Break

Science & Technology · Answer Key · 10 Questions

1. In July 2026, South Korea is scheduled to launch a next-generation Earth observation satellite. What is the primary purpose of this satellite?

- A) Advanced medical diagnostics and treatment planning
- B) Agricultural monitoring and forest resource observation**
- C) Deep-sea exploration and marine biodiversity mapping
- D) Development of new materials for semiconductor manufacturing

2. South Korea has launched an ambitious 'K-Moonshot' initiative in 2026. What is the main objective of this program?

- A) To become the global leader in high-speed rail technology
- B) To accelerate AI-led breakthroughs across various scientific disciplines**
- C) To develop advanced robotics for domestic manufacturing
- D) To pioneer new methods in quantum computing for economic modeling

3. As part of its strategy to enhance AI competitiveness, South Korea's Ministry of Science and ICT proposed securing a significant number of advanced GPUs in its 2026 budget plan. How many GPUs were targeted cumulatively across national initiatives?

- A) 15,000
- B) 25,000
- C) 37,000**
- D) 50,000

4. In July 2026, South Korea is hosting several international conferences. Which of the following scientific fields is NOT prominently featured in the listed July conferences?

- A) Artificial Intelligence in Education
- B) Advanced Magnetic Materials and Applications
- C) Nano Korea Exhibition
- D) Sustainable Livestock Farming**

5. South Korea aims to significantly expand its renewable energy capacity. What is the targeted installed capacity by the year 2030?

- A) 50 GW
- B) 75 GW
- C) 100 GW**
- D) 150 GW

6. The 'Brain to Korea' initiative aims to attract global talent. What is the target number of global talents South Korea aims to recruit by 2030 through this program?

- A) 500
- B) 1,000
- C) 2,000**
- D) 3,000

7. In July 2026, South Korea is set to host the 'Nano Korea Exhibition'. What is the main focus of this event?

- A) Advanced materials and nanotechnology**
- B) Robotics and automation
- C) Biotechnology and pharmaceuticals
- D) Renewable energy technologies

8. South Korea is investing in AI models for R&D. By 2029, how much is the government planning to invest in developing AI models tailored for research and development?

- A) 10 billion won
- B) 14.7 million USD
- C) 22.5 billion won**
- D) 50 million USD

9. Which US military base in California is the launch site for South Korea's next-generation Earth observation satellite in July 2026?

- A) Edwards Air Force Base
- B) Vandenberg Space Force Base**
- C) Travis Air Force Base
- D) Spaceport America

10. South Korea's 'K-Moonshot' initiative aims to accelerate AI-led breakthroughs. Which of these is NOT listed as a potential application of this initiative?

- A) Rapidly discovering life-saving pharmaceuticals
- B) Optimizing complex logistics for space missions
- C) Creating entirely new materials with unprecedented properties
- D) Developing advanced deep-sea submersible technology**