

Asia's Space Race: Economic Dominance, Market Shifts, and Emerging Giants

Space Exploration · Answer Key · 10 Questions

1. What is the projected market value of China's commercial space sector by 2029, and what was its estimated value in 2024?

- A) Exceed \$900 billion by 2029, up from \$320 billion in 2024.**
- B) Exceed \$700 billion by 2029, up from \$250 billion in 2024.
- C) Exceed \$1 trillion by 2029, up from \$400 billion in 2024.
- D) Exceed \$800 billion by 2029, up from \$300 billion in 2024.

2. Which segment currently dominates the Asia-Pacific satcom market, accounting for approximately 95% of the market share in 2024?

- A) Satellite Manufacturing
- B) Launch Services
- C) Telecommunications**
- D) Ground Equipment

3. As of November 2024, what is the estimated value of India's space economy, and what is its projected share of the global space economy by 2033?

- A) \$8 billion, with an 8% global share.**
- B) \$10 billion, with a 10% global share.
- C) \$6 billion, with a 6% global share.
- D) \$12 billion, with a 12% global share.

4. In 2024, South Korea's space launch services market size reached approximately USD 312.56 million. What is the projected market size by 2033, with an expected CAGR of 11.25%?

- A) USD 815.88 million**
- B) USD 750.50 million
- C) USD 900.75 million
- D) USD 680.25 million

5. Japan aims to double its domestic space market from JPY 4 trillion (NZD 43 billion) in 2020 to what target value by the early 2030s?

- A) JPY 8 trillion (NZD 87 billion)**
- B) JPY 7 trillion (NZD 76 billion)
- C) JPY 9 trillion (NZD 98 billion)
- D) JPY 6 trillion (NZD 65 billion)

6. According to a study released on August 23, 2024, what was the estimated value added to India's Gross Domestic Product (GDP) by its space sector from 2014-2023?

- A) Approximately \$60 billion**
- B) Approximately \$50 billion
- C) Approximately \$70 billion
- D) Approximately \$80 billion

7. What is the projected CAGR for the Asia Pacific satellite manufacturing market from 2025 to 2030, and what was its revenue in 2024?

- A) 18.7%, with \$5,543.8 million revenue.**
- B) 15.5%, with \$5,000 million revenue.
- C) 20.1%, with \$6,000 million revenue.
- D) 17.2%, with \$5,200 million revenue.

8. South Korea's Ministry of Science and ICT announced a plan to expand quantum research. What specific technology category is explicitly focused on in their future hub initiative?

- A) Satellite and wireless Quantum Key Distribution (QKD)**
- B) Terrestrial quantum computing
- C) Quantum entanglement for communication
- D) Quantum sensing for navigation

9. What is the target value for India's space economy by 2033, as projected in recent analyses?

- A) \$44 billion**
- B) \$35 billion
- C) \$50 billion
- D) \$30 billion

10. Which country in the Asia Pacific is expected to register the highest CAGR in the satellite manufacturing market from 2025 to 2030?

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