

India's Space Ascendancy: Economic Ripples from Celestial Ambitions

Space Economy · Answer Key · 8 Questions

1. What is the projected value of India's space economy by 2033, according to recent estimates?

- A) USD 13 billion
- B) USD 44 billion**
- C) USD 60 billion
- D) USD 100 billion

2. Which Indian mission, upon its successful landing, significantly boosted India's space sector and is estimated to have increased market value by approximately \$1 billion?

- A) Mangalyaan
- B) Aditya-L1
- C) Chandrayaan-3**
- D) Gaganyaan

3. As of a study released in August 2024, how many jobs did India's space sector directly support?

- A) Approximately 10,000
- B) Approximately 50,000
- C) Approximately 96,000**
- D) Approximately 4.7 million

4. Which of the following is a key initiative aimed at promoting private participation and innovation in India's space sector?

- A) The Mars Orbiter Mission
- B) The Indian Space Policy 2023 and IN-SPACe**
- C) The Aryabhata Satellite Program
- D) The establishment of the National Aeronautical Laboratory

5. What is the primary focus of India's Aditya-L1 mission?

- A) To land on the Moon's south pole
- B) To send humans to space
- C) To study the Sun's corona and solar activities**
- D) To map the surface of Mars

6. What significant economic benefit has India's commercial satellite launch service provided between 2015 and 2024?

A) Generated nearly \$143 million in revenue

B) Launched 393 foreign satellites, generating nearly \$439 million in foreign exchange

C) Facilitated the development of 10,000 new jobs in the aerospace sector

D) Attracted \$1 billion in foreign direct investment for satellite manufacturing

7. According to a study by Econ One and Novaspace, for every dollar produced by India's space sector, what was the multiplier effect on the Indian economy?

A) \$1.54

B) \$2.54

C) \$3.04

D) \$4.54

8. What is the projected growth rate (CAGR) for India's satellite data services market in 2024?

A) 15%

B) 26%

C) 36%

D) 49%