

Science and Technology

Chapter 7: Science and Technology · Topic 1

Key Concept

India's space program, led by ISRO, has achieved significant milestones, including satellite launches and missions to the Moon and Mars.

India has developed strong capabilities in information technology, becoming a global hub for software development and IT services.

Advances in agricultural technology, part of the Green Revolution, significantly increased food production and reduced dependence on food imports.

Continued investment in science and technology education and research is essential for India's ongoing development and global competitiveness.

Quick Revision Notes

- ISRO: India's space program.
- Achievements: satellite launches, Moon, Mars missions.
- India: strong IT capabilities.
- Global hub for software, IT services.
- Agricultural technology: Green Revolution.
- Increased food production significantly.
- Reduced food import dependence.
- Continued investment essential for development.

Practice Questions

- 1 Research an ISRO mission achievement.
- 2 Discuss India's role in global IT services.
- 3 Research the Green Revolution's impact.
- 4 Discuss why science education investment matters.
- 5 Research a recent Indian scientific achievement.
- 6 Explain India's science and technology progress.