

Population - The Increasing Numbers and Rate of Growth

Chapter 15: Population - The Increasing Numbers and Rate of Growth · Topic 1

Key Concept

Population growth rate depends on birth rate, death rate, and migration, with rapid growth straining resources and infrastructure.

Exponential population growth occurs when resources are unlimited, but real populations face limiting factors like food, space, and disease.

Rapid population growth can lead to resource depletion, pollution, deforestation, and strain on social services like healthcare and education.

Population control measures, like family planning and education, aim to manage growth rate for sustainable development and resource use.

Quick Revision Notes

- Growth rate depends on birth rate, death rate, migration.
- Rapid growth strains resources and infrastructure.
- Exponential growth: with unlimited resources.
- Real populations face limiting factors.
- Limiting factors: food, space, disease.
- Rapid growth causes resource depletion, pollution.
- It also causes deforestation, service strain.
- Population control: family planning, education.

Practice Questions

- 1 Discuss the factors affecting population growth rate.
- 2 Research the difference between exponential and limited growth.
- 3 Discuss environmental impacts of rapid population growth.
- 4 Research population control measures used in India.
- 5 Discuss the strain on healthcare from rapid growth.
- 6 Explain population growth concepts in your own words.