

The Iron and Steel Industry

Chapter 16: The Iron and Steel Industry · Topic 1

Key Concept

Major iron and steel plants are located near raw material sources, like Jamshedpur, Bhilai, and Durgapur, reducing transportation costs.

The industry requires iron ore, coking coal, and limestone (as a flux) in specific proportions to produce steel efficiently.

Steel produced supports construction, automobile manufacturing, machinery production, and countless other industries dependent on this basic material.

The iron and steel industry is considered a basic industry since many other industries depend on its products for their own manufacturing.

Quick Revision Notes

- Major plants: Jamshedpur, Bhilai, Durgapur.
- These are near raw material sources.
- This reduces transportation costs.
- The industry needs iron ore, coking coal, limestone.
- Limestone acts as a flux in steel production.
- Steel supports construction and automobiles.
- It supports machinery production too.
- It's called a 'basic industry' since others depend on it.

Practice Questions

- 1 Research Jamshedpur's steel industry.
- 2 Discuss why raw materials matter for plant location.
- 3 Explain the three main raw materials for steel.
- 4 Research an industry that depends on steel.
- 5 Discuss why steel is called a basic industry.
- 6 Create a map showing India's major steel plants.