



Brain International School

Vikas Puri, New Delhi

ASSIGNMENT NO-5

SUBJECT: S.SC

CLASS-VIII

OCT, 2025

Geography

Ch-3 Industries

Q1.Read the extract and answer the questions that follow:

Like other industries, iron and steel industry too comprises various inputs, processes and outputs. This is a feeder industry whose products are used as raw material for other industries. The inputs for the industry include raw materials such as iron ore, coal and limestone, along with labour, capital, site and other infrastructure. The process of converting iron ore into steel involves many stages. The raw material is put in the blast furnace where it undergoes smelting. It is then refined. The output obtained is steel which may be used by other industries as raw material.

- (a)What are the primary raw materials used in the iron and steel industry?
- (b)Describe the initial process that occurs in the blast furnace during steel production
- (c)How does the iron and steel industry serve as a feeder industry for other sectors?

Q2.How does the classification of industries into agro-based, mineral-based, marine-based, and forest-based help in understanding their environmental impact?

Q3.What are the key components of an industrial system, and how do they interact to produce finished products?

Q4.Write a short note on Bhopal Gas Tragedy .

Q5.List the risk reduction measures for industrial disaster.

Q6. Assertion (A): Industries are classified on the basis of raw materials, size, and ownership.

Reason (R): The nature of work done in industries is the same everywhere.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true

Civics

Ch-7 Public Facilities

Q1. Read the extract and answer the questions that follow:

In the budget, the government also announces the various ways in which it plans to meet these expenses. The main source of revenue for the government is the taxes collected from the people, and the government is empowered to collect these taxes and use them for such programmes. For instance, to supply water, the government has to incur costs in pumping water, carrying it over long distances, laying down pipes for distribution, treating the water for impurities, and finally, collecting and treating waste water. It meets these expenses partly from the various taxes that it collects and partly by charging a price for water. This price is set so that most people can afford a certain minimum amount of water for daily use

(a) What are the main sources of revenue for the government to meet its expenses?

(b) How does the government ensure that most people can afford a minimum amount of water for daily use?

(c) What are some of the costs the government incurs in providing water to the public?

Q2. Write a short note on “Water a part of fundamental Right to Life”.

Q3. How can you say that there are great inequalities in water use?

Q4. What is the position of water availability in the slum area where Padma lives?

Q5. The benefits of a public facility can be shared by many people'. Explain the examples.

Q6. List the ways to conserve water and improve its supply.