

7. Industries in India

Improve your learning

1. Question

Why the government took up the responsibility to set up basic good industries?

Answer

Basic good industries or key industries are those who supply their products or raw materials for the manufacturing of other goods. Iron and steel industry is an important basic good industry. During the 1960s, the government took up the responsibility for setting up and promotion of the basic good industries. The government took up the responsibility as these industries were of strategic importance to the growth of the economy. They were the factors guiding the direction and the degree of economic expansion. Also, these were major industries requiring huge capital investment. The private industries at that time were unwilling to invest in such large amounts in an economy that was growing. Thus government took up the responsibility of the establishment and expansion of the basic good industries.

2. Question

Why are industries located in specific areas?

Answer

The location of industries is determined by various factors like the availability of raw materials, markets, labor, power and electricity and so on. The location of strategic and heavy industries such as the iron and steel industry is very important for the functioning of the economy. The factors determining the location of the industries can be explained by-

- **Raw materials-** The basic raw materials required in the industry are scrap iron ore, coal, and limestone. The industries will be located in areas where these materials are available.
- **Energy-** Iron and steel industry is related mostly to the resources of coal. Thus it is located in places where coal reserves and electricity is abundantly available.
- **Transportation-** Transportation facilities are very important for the functioning of any industry. Since the bulk materials are to be transported to other places, the industry is located in the points where transportation facilities are available.

- Labor- The industry is located in places where the skilled, unskilled and technically qualified labor force is available.
- Water- It is mainly required for the manufacture, processing, cooling, and cleaning of the plants used in production.
- Market- The industry is located nearer to the availability of markets for the commodity. It also makes the transportation of the commodity easier.

3. Question

What are basic good industries? How they are different from Consumer good industries?

Answer

Basic good industries or key industries are those who supply their products or raw materials for the manufacturing of other goods. Iron and steel industry is an important basic good industry.

BASIS	BASIC GOOD INDUSTRY	CONSUMER GOOD INDUSTRY
Meaning	They are key industries are made up of machinery, manufacturing plants and equipment used by other industries.	They are ready for consumption and satisfaction of human wants.
Classification	Production goods or support goods	Durable and consumer goods or consumer services
Cost of establishment	Relatively higher when compared to other industries as these are set up on a large scale	Relatively lower when compared to basic good industries
Number of buyers	Have only a limited number of buyers	A large number of buyers

4. Question

Give a list of towns / areas in which some conventional mineral resources are found and ask students to identify then possible industries which can be set up.

Answer

URANIUM IN LADAKH

Uranium deposits were discovered icy heights of Ladakh in 2017. High deposits of uranium and thorium were found in Udmuru in Northern Ladakh. It has unique nuclear properties and can be used in nuclear power plants and nuclear weapons. It can be used in the military sector for the tank armor and other removable vehicle armor. It can also be used as shielding materials used to store and transport radioactive materials.

RARE EARTH MINERALS IN RAJASTHAN

In 2016 a treasure of rare earth elements worth millions was discovered in the Thar Desert. It is needed in nuclear and space sectors, wind energy, defence, chemical, and electronic industries. It can be used in medical science radar detection devices, metal alloys, LEDs and CFLs.

PLATINUM IN ASSAM

In 2018 deposits of platinum were found in the northeastern part of Assam. It is extensively used in jewelry and the manufacture of cars, trucks, and buses. It is used in the production of silicon and benzene. It is used in the hard disk, and thermocouples and also an important chemotherapy drug used to cure cancer.

GOLD IN RAJASTHAN

Deposits of gold were discovered in the cities of Banwara and Udaipur in Rajasthan in 2018. The primary use of gold is to make jewelry. It is also used in cell phones and many other electronic goods like calculators, GPS units, Computers, and Television sets. Gold was also used for dentistry till 1970s. It is also used as a drug and for diagnoses

5. Question

Why government in the 1990s allowed private industries in many areas which were earlier restricted only to government?

Answer

During the 1990s, the government had faced many problems regarding the foreign exchange and payment of foreign debts in the country. Inflation was becoming uncontrollable, foreign exchange reserves were at an all-time low, and the country had to face other problems in the international market. The Gulf Oil crisis and other economic issues were propelling the country to an all-time low in the economic perspective. The government was compelled to take a revolutionary decision to open up all its restrictions to attract foreign capital and investment. Thus it opened up new opportunities for the private sector to invest in the country. This encouraged private investment in many sectors of the economy that was earlier under the control of government; except in strategic industries like military, railway, and power. The private investment in these sectors led to an increase in their competitiveness and compelled the public enterprises to compete with the private sector leading to increased efficiency in the working of the public sector. This freed the government from providing these services and enabled them to concentrate on other aspects of the economy.

6. Question

What is the impact of industrial development on employment generation?

Answer

Industries play a very crucial role in employment generation and economic development. It is the main sector in our Indian economy which generates massive employment opportunities for those people who are skilled and semi-skilled. Industries are set up in local areas by considering the factors that are important such as labour, raw material, transportation, etc. Since labour is one of the important factor of input, it should be considered before setting up any industries. Industries should be started in the labor abundant region, therefore, they can employ more laborers. When there is an employment generation, there will be economic growth. Therefore this is the way in which employment is being generated.

7. Question

What is the impact of industrial development on revenue?

Answer

Industrial development leads to the generation of huge amounts of revenue. The establishment and expansion of capital goods and large scale industries contribute much to revenue generation. These industries contribute to employment generation and thereby to the generation of income and revenue. With the adoption of the new economic policy, many industries have been setup in different sectors resulting in increased competition in the economy. The public sector enterprises have to compete with the private industries in the present economic system. The importance and impetus gave to the cottage, and other small-scale manufacturing concerns also contribute to income generation. This increases the efficiency of the industries thereby leading to higher standards of the products and production process thus resulting in higher prices of the commodities sold. With the increased employment and income generation, the economic units would be able to purchase these high-quality commodities. With the increased spending, the money in circulation can be increased leading to revenue generation.

8. Question

‘Industrial activities increase environmental problems.’ Discuss.

Answer

Industries contribute majorly to economic development but also contribute to environmental degradation. When the industries are being started there starts the impact on environmental degradation. There are many ways in which industries contribute to environment degradation, they are

Pollution

Industrial development will increase the different types of pollution.

- Air pollution

When the industries are being increased, there will be a huge increase in the emission of smoke, ash, and gas. This increases the concentration of different particulate matter in the atmosphere including carbon monoxide that depletes the ozone layer.

- Water pollution

The discharge of the harmful chemicals and untreated sewage into the river system results in water pollution. the pollutants can have serious consequences in the environment.

- Sound pollution

The heavy industries such as mining and quarrying that produces heavy sounds can have harmful effects in the wildlife ecosystem. This affects their hunting behavior and another natural process.

Deforestation

When the industries are being started, they will require a vast area of land. The indiscriminate felling of trees not just affects the rainfall and capacity of the land but also renders much organism shelterless.

9. Question

Write a few slogans on the prevention of environmental pollution.

Answer

The following are the slogans.

- a. Save the environment and you will save life and future.
- b. Go green, there is no planet to live.
- c. Think clean and go Gree.

10. Question

Read paragraph 3 on page 83 and comment on it.

Answer

electronic Industry is the most widespread industry. Every product we use in our houses and surrounding is electronics.

- a. Recently India has taken a great leap in this sector and Bangaluru g=has emerged as the electronic capital India.
- b. This sector has also given a boost to the employment generation.
- c. Most importantly the 30% of the employee in this sector constitutes women.

- d. The sector has also given a boost to the country's economy by its fast-growing BPO services.
- e. The other important cities where electronic industries have emerged are Delhi, Pune, Chennai, Kolkata.
- f. The sector has also contributed to increasing pollution level. It is posing threat to land, water, and air pollution.

11. Question

Observe the map given on page 95 and locate the iron and steel plants in the outline map of India.

Answer

