



Social Studies

Class 10th (Geography)

Chapter 6: Manufacturing Industries



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Exercises

Que 1. Multiple Choice Questions

(i) Which one of the following industries uses limestone as a raw material?

- (a) Aluminium. (b) sugar
(c) cement. (d) Jute

Ans: (c) cement.

(ii) Which of the following agencies makes steel available in the public sector in the market?

- (a) HAIL. (b) SAIL (SAIL)
(c) TATA STEEL (d) MNCC

Ans: (b) SAIL (SAIL)

(iii) Which one of the following industries uses bauxite as a raw material?

- (a) Aluminium. (b) cement
(c) Jute. (d) steel.

Ans:(a) Aluminium.

(iv) Which of the following industries manufacture plants like telephones, computers, etc.?

- (a) Steel. (b) Aluminium
(c) electronic. (d) Information Technology.

Ans: (d) Information Technology.

Que 2. Answer the following questions in about 30 words.

(i) What is manufacturing?

Ans: The production of large quantities of goods by converting raw materials into valuable products is called commodity manufacturing, such as making tiles from clay, making cotton clothes from cotton and making tools from iron, etc. The economic progress of any country is measured by the development of manufacturing industries.

(ii) State three physical factors affecting the location of industries.

Ans: The following are the physical factors affecting the location of industries.

- (a) Energy Resources.
(b) Availability of raw materials.
(c) favourable climate

(iii) State three human factors affecting industrial location.

Ans: Following are the three human factors affecting the post industrial location.

- (a) cheap labour
(b) capital
(c) Transport facilities
(d) market

(iv) What is basic industry? Give an example.

Ans: Basic industries are those industries whose finished goods are used in other industries. For example, iron steel industry is a basic industry, because the iron produced from it is used as a

raw material in all other heavy, light and medium industries. The machines of these industries are also made from this iron.

Que 3. Answer the following questions in about 120 words.

(i) How is composite steel industry different from mini steel industry? What are the problems of this industry? Under which reforms its production capacity has increased?

Ans: Composite steel industry is such a plant in which all the activities from material to steel making take place in one place. It is totally different from mini steel industries. Mini steel industries are small plants in which electric furnace, scrap steel and sponge iron are used. They produce mild steel or mild and alloy steel of prescribed proportions.

There are many problems facing this industry

1. high cost
2. low labour productivity
3. irregular power supply
4. underdeveloped infrastructure

The production capacity has increased in this industry under the following reforms.

1. The efforts of entrepreneurs in the private sector led to improvement.
2. Liberalization gave a boost to this industry.
3. The steel industry has also improved with foreign direct investment.

(ii) How do industries pollute the environment?

Ans: Industries pollute the environment in the following ways-

1. **Air Pollution** - Toxic gases emitted from industries mix in the atmosphere and pollute the air.
2. **Water Pollution:** Water pollution is caused by the release of waste materials from factories into the rivers. These industries add organic matter, dyes, detergents, acids, salts and heavy metals to water; For example, synthetic chemicals including lead, mercury, fertilizers and rubber pass into the water.
3. **Land Pollution:** Toxic substances and metal-laden waste from factories also pollute the land and soil. When toxic water remains standing at any place for a long time, it proves to be a major cause of land degradation.
4. **Noise Pollution:** Industrial and construction work, factory equipment, generators, lumber mills, gas mechanics and electric drills spread noise pollution.
5. **Thermal Pollution:** When the heat from the travel papers from the industries is released into the rivers, then thermal pollution occurs, similarly the heat released from the industries also causes thermal pollution in the atmosphere.

(iii) Discuss the various measures taken by industries to reduce environmental degradation.

Ans: The following measures have been adopted by the industries to reduce the environmental degradation.

1. The waste water from factories should be treated before releasing it into the rivers so that the water is not polluted.
2. The chimneys of factories should be raised. Filters should be installed in chimneys.
3. In factories, electricity should be used instead of coal.
4. Silencers should be installed in generators to reduce noise pollution.
5. Such machines should be used which make less noise pollution. Sound absorbing devices should be used.
6. The removal of excess water by industries should be banned in places where the ground water level is low.