

Industries

Q1. Write the properties and significance of steel.

Ans. Steel is tough and it can easily be shaped, cut, or made into wire. Alloys give steel unusual hardness, toughness, or ability to resist rust.

Significance

- i. Steel is often called the backbone of modern industry. Ships, trains, trucks, and autos are made largely of steel.
- ii. Even the safety pins and the needles we use are made from steel.
- iii. Oil wells are drilled with steel machinery.
- iv. Steel pipelines transport oil.
- v. Minerals are mined with steel equipment.
- vi. Farm machines are mostly steel.
- vii. Large buildings have steel framework.

Q2. How are industries classified on the basis of raw material used?

Ans. Industries may be agro based, mineral based, marine based and forest based depending on the type of raw materials they use.

Agro based industries use plant and animal based products as their raw materials. Example: Food processing, vegetable oil, cotton textile, dairy products and leather industries.

Mineral based industries are primary industries that use mineral ores as their raw materials. The products of these industries feed other industries. Example: Iron and Steel industry.

Marine based industries use products from the sea and oceans as raw materials. Example: Industries processing sea food or manufacturing fish oil.

Forest based industries utilise forest produce as raw materials. Example: pulp and paper, pharmaceuticals and furniture industries.