

Q1. Answer the following questions.**(i) What is meant by the term 'industry'?**

The term 'industry' refers to an economic activity that is concerned with the production of goods (e.g., iron and steel industry), extraction of minerals (e.g., coal mining industry) or provision of services (e.g., tourism industry).

(ii) What are the main factors which influence the location of an industry?

Factors influencing the location of an industry:

- (a) Availability of **raw material**
- (b) Availability of **land**
- (c) Adequate supply of **water**
- (d) Adequate supply of **labour**
- (e) Access to **power**
- (f) Amount of **capital**
- (g) Access to **transport**
- (h) Presence of **market**

(iii) Which industry is often referred to as the backbone of modern industry and why?

The iron and steel industry is a feeder industry whose products are used as raw materials in other industries. This is why it is referred to as the backbone of modern industry. Almost everything that we use is either made of iron or steel, or has been made using tools and machinery made of these metals.

(iv) Why cotton textile industry rapidly expanded in Mumbai?

The cotton textile industry rapidly expanded in Mumbai because of its locational advantages. The warm and moist climate (ideal for spinning and weaving), the nearness to a sea port (important for importing machinery), and the availability of raw material and skilled labour are some of the factors that resulted in the growth of this industry in Mumbai.

(v) What are the similarities between information technology industry in Bangalore and California?

Similarities between information technology industry in Bangalore and California:

- (a) Presence of high quality educational institutions, and advanced scientific and technological centres
- (b) Pleasant climate and clean environment
- (c) Presence of good quality, skilled workforce
- (d) Access to markets
- (e) Well-developed and well-connected

Q2: Tick the correct answer.

- (i) Silicon Valley is located in

(a) Bangalore	(b) California	(c) Ahmedabad
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(ii) Which one of the following industries is known as sunrise industry?

(a) Iron and steel industry	(b) Cotton textile	(c) Information technology
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(iii) Which one of the following is a natural fibre?

(a) Nylon	(b) Jute	(c) Acrylic
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Q3: Distinguish between the following

(i) Agro-based and mineral-based industry

Agro-based industry	Mineral-based industry
Uses plant and animal products as raw materials	Uses mineral ores as raw materials
Source of employment for people in rural areas	Source of employment for people in rural as well as urban areas
Example: Dairy industry, cotton textile industry	Example: Iron and steel industry, heavy machinery industry

(ii) Public-sector and joint-sector industry

Public-sector industry	Joint-sector industry
Owned and operated by the government	Jointly owned and operated by the government and individuals or a group of individuals
Example: Hindustan Aeronautics Limited, Steel Authority of India Limited	Example: Maruti Udyog Limited

Q4. Give two examples of the following in the space provided.

- (i) Raw materials: cotton and steel
- (ii) End product: shirt and safety pin
- (iii) Tertiary activities: banking and transport
- (iv) Agro-based industries: dairy industry and cotton textile industry
- (v) Cottage industries: pottery industry and basket-weaving industry
- (vi) Co-operatives: Anand Milk Union Limited and Sudha Dairy