

## 4. Types of Industries

### Exercise

#### 1 A. Question

Fill in the blanks:

..... Industries can be located anywhere because their raw materials are very light.

#### Answer

Footloose Industries can be located anywhere because their raw materials are very light.

Their raw materials are also small in size. For example: - Watch industry.

#### 1 B. Question

Fill in the blanks:

Automobile industry is a ..... industry.

#### Answer

Automobile industry is a heavy industry.

Heavy industry produces heavy products using bulky raw materials. Other example can be Steel industry.

#### 1 C. Question

Fill in the blanks:

..... industry is located near the market.

#### Answer

Market Oriented industry is located near the market.

These industries are located near the markets as they produce perishable goods which can be easily broken during long transportation.

#### 1 D. Question

Fill in the blanks:

Handloom industry is an example of a ..... Industry.

#### Answer

Handloom industry is an example of a Small-scale industry.

Small scale industries require small labour force and small investments as their raw material and machinery equipment costs are not high.

### **1 E. Question**

Fill in the blanks:

Processing industries convert raw materials into ..... products.

#### **Answer**

Processing industries convert raw materials into finished products.

These industries are also called manufacturing industries. For example: -  
Conversion of yarn into fabric.

### **2 A. Question**

Choose the correct answer:

.....is an example of private sector.

A) Reliance

B) BHEL

C) BSNL

#### **Answer**

Private Sectors are owned by individuals or small groups. Government does not have any share in that.

### **2 B. Question**

Choose the correct answer:

Large scale industries require ..... Investment.

A) Huge

B) Medium

C) Less

#### **Answer**

These industries require huge investments, large amounts of workers in their industries to manufacture. For example: Iron and Steel industry.

### **2 C. Question**

Choose the correct answer:

Furniture industry is ..... based industry.

- A) Forest
- B) Agro
- C) Mineral

**Answer**

Forest industry is an industry whose raw materials like wood are brought from forest.

**2 D. Question**

Choose the correct answer:

Cotton textile industry is an ..... industry.

- A) Cottage
- B) Assembling
- C) Agro-based

**Answer**

Agro-based industry is an industry whose raw materials are obtained from agriculture production as in this case cotton production is used.

**2 E. Question**

Choose the correct answer:

Sugar industry is a ..... oriented industry.

- | A) Raw material
- B) Footloose
- C) Market

**Answer**

Sugar industry is located near to sugar agriculture production as it needs to be processed immediately after harvesting. The sugar decrease within 24 hours of harvesting.

**3. Question**

Match the following:

- |             |                       |
|-------------|-----------------------|
| 1. Ginning  | i) Iron industry      |
| 2. Tanning  | ii) Heavy industry    |
| 3. Smelting | iii) Cotton industry  |
| 4. Capital  | iv) Handloom industry |
| 5. Weaving  | v) Leather industry   |

### **Answer**

1. Ginning Cotton industry
2. Tanning Leather industry
3. Smelting Iron industry
4. Capital Heavy industry
5. Weaving Handloom industry

Explanation:

Ginning, Tanning, Smelting and Weaving are the process involved in Cotton, Leather, Iron and Handloom industries respectively.

Capital is the important requirement of the heavy industry.

### **4 A. Question**

Answer the following in a few sentences:

Divide industries based on their location.

### **Answer**

There are three types of industries based on their location:

- Raw material oriented
- Market oriented
- Footloose industry

### **4 B. Question**

Answer the following in a few sentences:

How are industries classified according to size?

### **Answer**

The following are the types of industries classified according to their size:

- Large scale industry

- Medium scale industry
- Small scale industry
- Cottage industry

#### **4 C. Question**

Answer the following in a few sentences:

What is meant by assembling industry?

#### **Answer**

It is a type of industry which takes two or more finished product as inputs and assemble them to form a new product. It requires highly skilled labour. For example Automobile industry

#### **4 D. Question**

Answer the following in a few sentences:

Give few examples of light industry?

#### **Answer**

Watch industry and household goods industry are few example of light industry. Their rawmaterials and the finished product are light in weight. They are usually are less capital-intensive than heavy industry and are more consumer-oriented.

#### **4 E. Question**

Answer the following in a few sentences:

What are the characteristics of cottage industries?

#### **Answer**

Cottage industries is a very small-scale industry which is usually run by a household. Handloom products, Hand-made jewelry are some examples of cottage industries.

#### **5 A. Question**

Answer the following in 100 words:

Distinguish between large- scale and small – scale industries.

#### **Answer**

Large Scale industries are those industries which require huge investment for its establishment, large tools and machinery and large number of both skilled and unskilled workers to operate those equipments. It also takes large piece of land to construct the industry. Iron and steel industries like SAIL in Salem,

Tata and Iron steel in Jamshedpur are examples of large scale industries. As the name tells, Small scale industries are the industries which requires small investment, small piece of land and small work force. It is totally opposite to the large-scale industries. Hosiery and manufacturing of stationary items are some of the examples of small scale industries.

## 5 B. Question

Answer the following in 100 words:

Explain how industries are classified according to their raw materials?

### Answer

There are three types of industries on the basis of raw materials:

- Forest based industry: In this type of industry all the raw material of the industries come from forest. For example, making of any paper and furniture product requires wood as a raw material.
- Agro-based industry: Those industries which take its raw material from agriculture production. Cotton and textile industry, Guar Gum industry are some examples of agro-based industry.
- Mineral based industry: Mineral ores are the raw materials of these industries. They process the ore to produce the product. For example, Cement Industry, Thermal power plants are mineral based industries.

## 6. Question

Answer the following in 200 words:

How are industries classified? Explain

### Answer

Industries are classified on the basis of:

- Raw material: Further it is divided in three types of industry as agro-based industry, mineral based industry and forest-based industry depending upon the type of raw material is using the industry. It can be agriculture production, mineral ore or any forest raw material like wood.
- Location: On the basis of location we have Raw material-oriented industry, market-oriented industry and footloose industry. Raw material-oriented industries are located close to their source like sugarcane industry. Market oriented industries are located near to markets as the product is perishable in nature like Dairy industry and Glass items industry. Footloose industry can be located anywhere as raw material required is not heavy weight.
- Size: Large scale industry, cottage industry, Small scale industry and Medium scale industries is the classification based on the size of industry. Size of industry's establishment in terms of investment and labour force determines the type of industry.

- **Production Process**: There are two types of industries on the basis of process involved in production. Heavy industry produces on large scale and heavy products which also requires intensive processing of raw materials like Cement industry whereas Light industry produces light products using light weight raw material and it is also more consumer oriented like watch industry.
- **Nature of work**: Processing, Manufacturing and assembling industries are divided on the basis of nature of work of industry. Processing and manufacturing industries produce semi-finished and finished goods from raw materials respectively. Assembling industry assembles two or more finished products.
- **Nature of ownership**: Public sector has the ownership of government like SAIL whereas private sector has ownership of individuals or small groups like Reliance. These are two types of industries of this classification.

## **Formative Assessment**

### **1 A. Question**

Project:

List 10 industries found in your district under different categories.

### **Answer**

- Thermal Power plant - mineral based industry
- Cotton company - agro based industry
- Pencil manufacturing company - forest based industry
- Cement industry - raw material-oriented mineral based industry
- Dairy industry - market-oriented industry
- Handloom mat - cottage industry
- Cattle food manufacturing - small scale industry
- Automobile company - assembling industry
- Integral Coach factory large scale industry
- Agro Seed manufacturing - agro based industry

### **1 B. Question**

List any 5 agro based industries and collect the following information for each industry. Present it in a tabular format.

a. Crop

b. Place

c. Production

d. Process

**Answer**

Industry	Crop	Place	Production	Process
Cotton	Raw Cotton	Tamil Nadu	Processed Cotton	Spinning
Gum	Guar	Haryana	Gum/Guaran	Splitting
Jute	Raw jute	West Bengal	Jute fibres	Retting
Coffee	Raw coffee fruit	Karnataka	Coffee seed/bean	Decaffeination
Sugar	Sugarcane	Uttar Pradesh	Sugar	Refining

### 1 C. Question

Make a collage on a various product made by the cottage industry in India.

**Answer**



### 1 D. Question

Which is your favourite car? Where it is manufactured and write about it?

**Answer**

My favourite car is Jaguar XJ. It is manufactured at Pune plant to Jaguar Company. It is luxury Saloon car which has seat massager and automatic blinds. Its interior color can also customized according to one's choice. It also has HD screens, business table in the rear and many other luxury facilities.