Class 10 Geography Chapter 9

India Major Industries

I. Fill in the blanks with suitable words

1. Bengal Iron Company of West Bengal is located in **Kulti.**
2. Manufacturing of cloth from various kinds of fibres is called **textile** industry.
3. The first paper industry of India was located on the banks of river **Hooghly.**
4. ISRO was established in the year **1969.**

II. Answer the following questions in brief

Question 1.
Make a list of industrial zones.

Answer:
The eight major industrial zones of India are:

1. Hooghly Region
2. Mumbai–Pune Region
3. Ahmedabad–Vadodara Region
4. Damodar Valley Industrial Region
5. Southern Industrial Region
6. National Capital Region
7. Visakhapatnam–Guntur Region
8. Kollam–Thiruvananthapuram Region

Question 2.
Which are the places of the Iron and Steel Industry?

Answer:
The major iron and steel industries are located at Jamshedpur,

easylearnnow.com

Burnpur, Bhadravathi, Bhilai, Rourkela, Durgapur, Bokaro, Salem and Visakhapatnam.

Question 3.
What are the factors influencing the location of an industry?

Answer:
The factors influencing the location of industries are:

- Availability of raw materials
- Availability of energy resources
- Nearness to markets
- Transport facilities
- Availability of labour
- Port facilities
- Availability of land at low cost
- Technology and government policies

Question 4.
What are the raw materials used in the paper industry?

Answer:
The raw materials used in the paper industry are bamboo, wood pulp and grass.

Question 5.
Explain the distribution of cotton textile industries in India.

Answer:
Cotton textile industries are mainly located in Maharashtra, Gujarat, Tamil Nadu, Karnataka, Uttar Pradesh and Madhya Pradesh. Mumbai has the highest concentration of cotton mills and is known as the Manchester of India. Other important centres are Nagpur, Solapur, Kolkata, Kanpur, Indore, Surat, Coimbatore, Salem, Chennai, Bengaluru and Davangere.

Question 6.
What are the effects of biotechnology on agriculture?

easylearnnow.com

Answer:
Biotechnology has helped agriculture through the development of improved hybrid seeds, new crop varieties, medicines, fertilizers and organic fertilizers. It has contributed to the improvement of crops such as soybean, maize and cotton.

Question 7.
What are the changes resulting from the use of advanced technology?

Answer:
Advanced technology has brought changes in the following fields:

- Telephone and internet communication.
- Manufacturing of defence equipment and atomic technology.
- Launching satellites and space exploration.
- Transparent e-governance through services such as Nemmadi Kendra, Janaspandana and Sakala.
- Social, economic and educational development.
- Artificial Intelligence (AI) and its applications.

Question 8.
What are the main achievements of ISRO?

Answer:
The main achievements of ISRO are:

1. Introduction of the Indian National Satellite System (INSAT) to improve communication and other services.
2. India became the first country to reach Mars on its first attempt through the Mars Orbiter Mission.
3. India became the first country to achieve a successful landing near the Moon's south polar region through Chandrayaan-3 in 2023.

easylearnnow.com



Additional Important Questions and Answers

Question 1.
What is an industry?

Answer:
An industry is a human activity that converts raw materials into useful finished products.

Question 2.
Why are industries important to India?

Answer:
Industries provide employment, increase national income, supply necessary goods and support the economic development of the country.

Question 3.
How are industries classified based on capital investment?

Answer:
Industries are classified into three types based on capital investment: large-scale, medium-scale and small-scale industries.

Easylearnnow

Question 4.
How are industries classified based on raw materials?

Answer:
Industries are classified into agriculture-based, mineral-based, forest-based and chemical industries.

Question 5.
Why is the iron and steel industry called a basic industry?

Answer:
It is called a basic industry because it supplies raw materials for machinery, railways, shipbuilding, power projects and construction.

Question 6.
Why is Mumbai called the Manchester of India?

Answer:
Mumbai is called the Manchester of India because it has a large concentration of cotton textile mills.

Question 7.
Which factors are essential for the location of the aluminium industry?

Answer:
The aluminium industry depends mainly on the availability of bauxite, electricity, other minerals and capital.

Question 8.
Why is Bengaluru called the Silicon Valley of India?

Answer:
Bengaluru is called the Silicon Valley of India because it is a major centre of information technology and software development.

Question 9.
When was the Software Technology Parks of India programme introduced, and why?

easylearnnow.com

Answer:
The government established Software Technology Parks in 1991 to encourage software development and exports.

Question 10.
When was ISRO established, and where is its headquarters?

Answer:
ISRO was established on 15 August 1969. Its headquarters is in Bengaluru.

Question 11.
Who was the first chairman of ISRO?

Answer:
Dr. Vikram Sarabhai was the first chairman of ISRO.

Question 12.
What is the importance of knowledge-based industries?

Answer:
Knowledge-based industries use human knowledge and technology to develop the economy, create employment and improve people's lifestyles.

Question 13.
Mention any four major iron and steel plants in India.
Answer:

- Tata Iron and Steel Plant, Jamshedpur
- Bhilai Steel Plant, Chhattisgarh
- Rourkela Steel Plant, Odisha
- Bokaro Steel Plant, Jharkhand

Question 14.
Name the major states producing aluminium in India.

Answer:
Odisha, Jharkhand, Chhattisgarh, Madhya Pradesh, Gujarat,

easyLearnnow.com

Maharashtra, Karnataka and Tamil Nadu are major aluminium-producing states.

Question 15.
Mention any three applications of advanced technology.

Answer:
Advanced technology is used in satellite launching, internet communication and e-governance.

Multiple Choice Questions (MCQs) with Answers

1. Which industry is called a basic industry?

A) Sugar industry
B) Iron and steel industry
C) Paper industry
D) Cotton textile industry

Answer:
B) Iron and steel industry

2. The first steel industry of India was established at Kulti in:

A) Karnataka
B) Gujarat
C) West Bengal
D) Maharashtra

Answer:
C) West Bengal

3. Which city is known as the Manchester of India?

A) Bengaluru
B) Mumbai
C) Chennai
D) Kolkata

Answer:
B) Mumbai

easylearnnow.com

4. The first cotton textile industry in India was established in:

A) 1854
B) 1907
C) 1840
D) 1919

Answer:
A) 1854

5. Which of the following is a major raw material for the paper industry?

A) Bauxite
B) Iron ore
C) Bamboo
D) Manganese

Answer:
C) Bamboo

6. The first paper industry in India was established at:

A) Serampur
B) Jamshedpur
C) Bhadravathi
D) Mumbai

Answer:
A) Serampur

7. Which metal is obtained from bauxite?

A) Iron
B) Aluminium
C) Copper
D) Manganese

Answer:
B) Aluminium

easylearnnow.com

8. Which city is called the Silicon Valley of India?

A) Hyderabad
B) Pune
C) Bengaluru
D) Ahmedabad

Answer:
C) Bengaluru

9. Software Technology Parks were established in India in:

A) 1986
B) 1991
C) 1969
D) 1951

Answer:
B) 1991

10. ISRO was established in:

A) 1947
B) 1956
C) 1969
D) 1986

Answer:
C) 1969

11. Who was the first chairman of ISRO?

A) Dr. A. P. J. Abdul Kalam
B) Dr. Vikram Sarabhai
C) Homi J. Bhabha
D) C. V. Raman

Answer:
B) Dr. Vikram Sarabhai

12. Where is the headquarters of ISRO located?

easylearnnow.com

A) Mumbai
B) New Delhi
C) Bengaluru
D) Chennai

Answer:
C) Bengaluru

13. Which of the following is an agriculture-based industry?

A) Sugar industry
B) Iron and steel industry
C) Aluminium industry
D) Cement industry

Answer:
A) Sugar industry

14. Which state is home to the Bhilai Steel Plant?

A) Odisha
B) Chhattisgarh
C) Jharkhand
D) Karnataka

Answer:
B) Chhattisgarh

15. Which of the following is a knowledge-based industry?

A) Information Technology
B) Sugar production
C) Cotton cultivation
D) Mining

Answer:
A) Information Technology

16. Which of these is an important factor influencing the location of industries?

easylearnnow.com

A) Availability of raw materials
B) Availability of labour
C) Transport facilities
D) All of the above

Answer:
D) All of the above

17. Which mission made India the first country to reach Mars on its first attempt?

A) Chandrayaan-1
B) Mangalyaan
C) Chandrayaan-3
D) INSAT

Answer:
B) Mangalyaan

18. Which organisation is responsible for India's space research programme?

A) UNESCO
B) ISRO
C) WHO
D) RBI

Answer:
B) ISRO

19. Which of the following is a forest-based raw material used in the paper industry?

A) Wood pulp
B) Bauxite
C) Limestone
D) Copper

Answer:
A) Wood pulp

easylearnnow.com

20. Which of the following is an example of advanced technology?

A) Satellite launching
B) Traditional ploughing
C) Hand spinning
D) Bullock-cart transport

Answer:
A) Satellite launching

easylearnnow.com