

Ch. 14 Means of Transport

* New words :-

- | | |
|-----------------|----------------------|
| 1. efficient | 11. installation |
| 2. categorised | 12. luxurious |
| 3. hedges | 13. navigation |
| 4. concrete | 14. Quadrilateral |
| 5. metalled | 15. orient |
| 6. automobiles | 16. Shatabdi |
| 7. expressways. | 17. Gatimaan |
| 8. convenient | 18. Transcontinental |
| 9. diesel | 19. Shanghai |
| 10. signalling | 20. Mediterranean. |

* Think and answer :- [Textual Exercise]

Exercise : A, B, C, D & E G to be done in Textbook.

Defines:-

1. Hedges :- A row of bushes or small trees planted close together.
2. Concrete :- A building material that is made by mixing together cement, sand, small stones and water.
3. Luxurious :- Containing expensive and enjoyable things.
4. Rafts :- A platform of logs made to float on water.
5. Boon :- Something that is very helpful and makes life easier for you.

* Answer the following questions.

1. How has railways enhanced its speed and capacity?

Ans:- Railways has enhanced its speed and capacity by construction of multiple tracks and installation of modern signalling systems.

2. What are 'Transcontinental Railways'?

Ans:- Transcontinental railways are railroad tracks that connect different oceans.

or continental borders across a continent.

3. Why are waterways cheap?

Ans: Waterways are cheap because they require less infrastructure and maintenance compared to roads and railways, and also because the frictional force of water reduces the energy needed to transport goods.

4. What is a 'flyer'?

Ans: A 'flyer' was the first aeroplane developed by Wright Brothers of America which flew for 12 seconds at a height of 3 metres covering a distance of 230 metres.

5. Write the disadvantages of modern means of transport.

Ans: The disadvantages of modern means of transport

- * Over-reliance on personal vehicles leads to traffic congestion.
- * High-speed travel increases the risk of accidents.
- * The smoke of vehicles causes air pollution and leads to many diseases.
- * Most modern transport relies on fossil fuels, contributing to climate change.

* Vehicles generate noise pollution.

6. What do you know about the Suez-Canal?

Ans:- The Suez Canal was built in 1869. This route links the Mediterranean Sea with the Red Sea. It has reduced the time taken to go to England from India. Bulky goods can easily be transported by ships to Europe from India and the east.

7. Why is wheel considered to be the most important invention in the field of transportation?

Ans:- Wheel is considered to be the most important invention in the field of transportation because it allows an easy movement of heavy objects. It led to the creation of carts, chariots and eventually modern vehicles. It enabled faster travel and transportation, revolutionizing trade and commerce and made it possible for us to reach every part of the world.

8. Why does CNG cause little air pollution?

Ans. CNG (Compressed Natural Gas) causes very little air pollution because:-

* It emits less carbon monoxide, nitrogen oxides and sulphur dioxide compared to petrol and diesel.

* It does not contain lead or sulphur which are major air pollutants.

* Map work:-

Mark the major sea port of India with their name on an outline map of India.

Give reason:-

1 Water transport plays an important role in trade and commerce between countries.

Ans:- Water transport plays an important role in trade between countries because it is economical and suitable for carrying goods over long distance.

2. Why do people still use animals for transport in some remote areas today?

Ans:- Modern transport infrastructure is not available everywhere and animals are suitable for difficult terrain in remote regions.

Major Sea ports of India.

