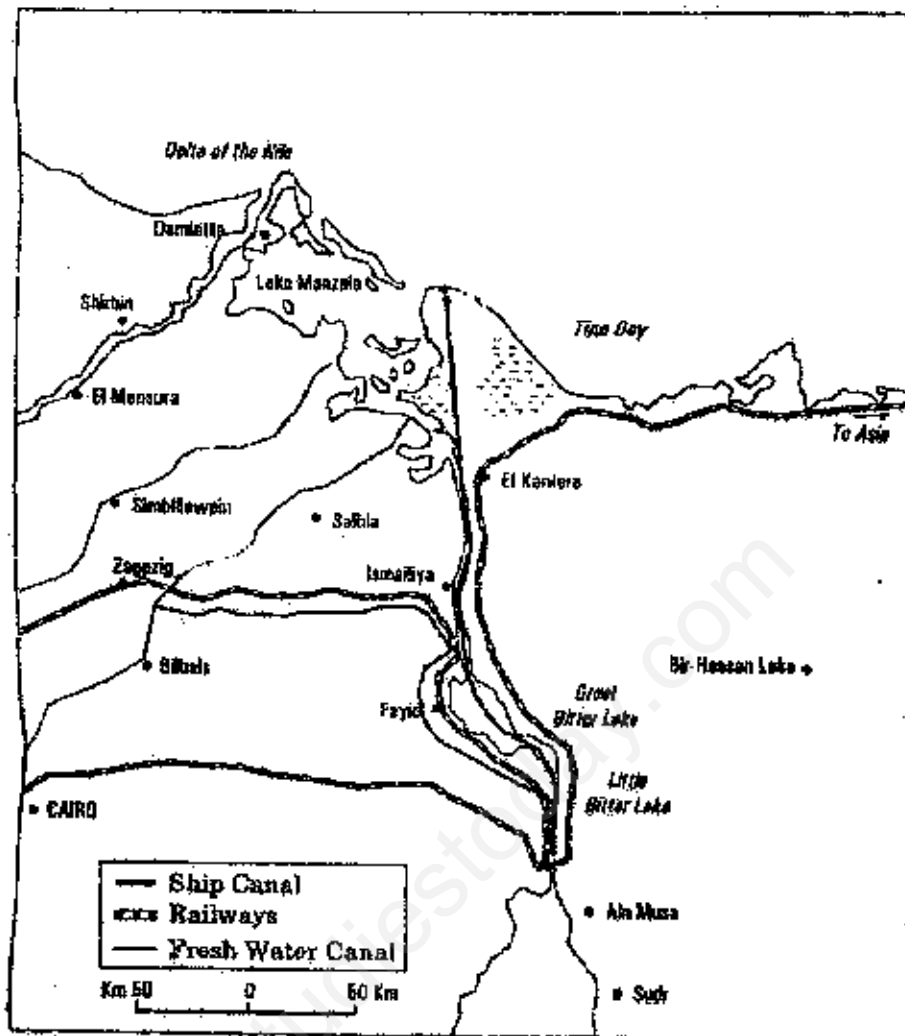


LESSON 8

TRANSPORT AND COMMUNICATION

- Q1. Name two terminals of the 'Orient Express.' (1)
Ans Paris and Istanbul
- Q2. Name the two major inland waterways of North America. (1)
Ans Mississippi and St. Lawrence river
- Q3. Which material is transported by 'Big Inch' pipeline? (1)
Ans Petroleum oil and natural gas
- Q4. Which two places are connected by Channel Tunnel? (1)
Ans Paris to London
- Q5. Name the famous petroleum pipeline which connects the oil wells in the Gulf of Mexico to the North Eastern states in USA. (1)
Ans Big Inch
- Q6. What is an Internet? (1)
Ans An Internet is a powerful medium of collecting information from the computer.
- Q7. Which are the two major regions of the world having very dense network of Airways? (1)
Ans Eastern north America and Western Europe
- Q8. Which two seas are connected by the Suez Canal (1)
Ans The Mediterranean sea and the Red sea
- Q9. Which ship canal connects the Pacific Ocean and the Atlantic Ocean (1)
Ans The Panama canal
- Q10. Which two factors contribute to the growth of Railways? (1)
Ans Invention of the steam engine and Industrilization
- Q11. Study the diagram given below and answer the questions? (3)



(11.1) Name the shipping canal shown in the map.

(11.2) What do the railway lines and fresh water canal indicate about the relief of the region in the map?

(11.3) How did relief helps in reducing the cost of construction of this Shipping canal?

- Ans : (1) The Suez Canal
 (2) Generally a plain region
 (3) Construction cost is comparatively low due to plain terrain

Q12. List the factors which affect the inland water transport? (3)

- Ans : 1. Navigability of the water body/channel
 2. Width and depth of the Canal/rivers etc.
 3. Continuity in the water flow
 4. Transport technology
 5. Demand

Q13. Why is Road transport better than rail transport? (3)

- Ans : (i) Construction and maintenance is cheaper than railways
(ii) Provides "Doorto Door" services
(iii) Can be constructed over undulating terrain

Q14. What are the disadvantages of Air Transport. (3)

- Ans : (i) It is a very costly mode of transport and only rich people can afford it
(ii) Flights cannot be operated in bad weather
(iii) Accidents and hijacking of planes have become a serious problem these days.

Q15. List out the advantages of pipeline transport (3)

- Ans : (i) Pipelines can be laid through difficult terrain as well as under water
(ii) Initial cost of laying pipeline is high but subsequent cost of maintenance and operation is low
(iii) Pipelines ensure steady supply
(iv) It minimises tranship losses and delays
(v) It involves very low consumption of energy
(vi) It is a quick, cheap, efficient and environment friendly mode of transportation

Q16. Suggest measures to overcome the urban transport problems. (5)

- Ans: – Higher Parking Fee
– Mass Rapid Transit
– Improved Public Bus Service
– Express ways
– Promoting Metro trains

Q17. Elucidate the statement - "In a well managed transport system, various modes complement each other." (5)

- Ans: – Road transport is cheaper and faster over short distances and for door - to - door services
– Railways are most suited for large volumes of bulky materials over long distances within a country
– High value, light and perishable goods are best moved by airways
– Ocean transport is a cheaper means of haulage of bulky material over long distances from one continent to another
– Pipelines are used extensively to transport liquids and gases for an uninterrupted flow

Q18. Which is the busiest sea route in the world. Describe its four Characteristics. (5)

Ans: The busiest Sea route in the world is the Northern Atlantic Sea Route

Characteristics

- This links North eastern USA and North Western Europe, the two industrially developed regions of the world.
- The foreign trade over this route is greater than that of the rest of the world
- One fourth of the world's foreign trade moves on this route
- Both the coasts have highly advanced ports and harbour facilities
- It is also called the Big Trunk Route

Q19. What is the significance of inland waterways? Explain the three factors responsible for the development of inland waterways in the world. (5)

Ans: Inland waterways are the cheapest means of transport in the interior parts of the country very heavy cargo like coal, cement, timber and metallic ores can be transported through inland waterways and they are the only means of transport in dense forests.

Factors responsible for development of inland waterways

- navigability - width and depth of the channel
- continuity in the water flow
- transport technology in use
- Demand

Q20. Name the vital man-made shipping canal which connects the Atlantic Ocean to the Pacific Ocean. State any four characteristics of this canal. (5)

Ans: - The Panama Canal connects the Atlantic Ocean in the east to the Pacific Ocean in the west.

- The Panama Canal has been constructed across the Panama Isthmus between Panama city and Colon
- The canal is 72 km long and involves a very deep cutting for a length of 12 km
- It has a six lock system
- It shortens the distance between New York and San Francisco.

Q21. Two man made navigation canals serve as gateways of Commerce for both the eastern and western worlds. Explain (5)

Ans: The Suez Canal and the Panama Canal are two vital man - made navigation canals or waterways which serve as gateways of Commerce for the eastern and western worlds.

Suez Canal

- links Mediterranean Sea and Red Sea
- reduces direct sea route distance between Liverpool and Colombo

Panama Canal

- Connects the Atlantic Ocean in the east and Pacific Ocean in the west
- Shortens the distance between New York and San Francisco by 13000 km by sea
- the distance between Western Europe and the West coast of USA, and north, eastern and central USA and East and South east Asia is shortened.

Q21. Write a note on cyber space- internet. (3)

Ans Consult NCERT

Q22. Write any 5 features of Trans-Siberian railway.

- Ans**
- (1) Longest railway line with 9332 Kms length.
 - (2) Connects St. Peterburg on west with Bladivostate on the east
 - (3) Crosses Ob, Yenisi and Ural mountain.
 - (4) Constructed for the economic development of Siberia
 - (5) Chita is an agrocentre and Irkutsk as fur centre.

Q23. What is satellite communication .How has it brought the revolutionary changes in the field of communication in the world? (3)

Ans Consult NCERT book

