**Chapter 11**

 **Directions**

1. The student should stand on the gate of the school and state the direction of the classrooms, principal’s office and the canteen with respect to the gate.
2. If your face is facing the sun early in the morning to which side of yours is the north and south.
3. Geeta is standing in front of a building and she has garden to her left and car parking on the right. Are the left and right telling you the directions?
4. Fill in the blanks

 Help Box

Sun, location, direction, West, North, Compass, Cardinal, East

1. The invention of \_\_\_\_\_\_\_\_\_\_ has made it easy for everyone to know the exact direction
2. Every compass has four points that are known as \_\_\_\_\_\_\_\_\_\_ directions.
3. The sun rises in the morning in the \_\_\_\_\_\_\_\_.
4. The hand (arrow) always points to the \_\_\_\_\_\_\_\_\_.
5. East direction is opposite of \_\_\_\_\_\_\_\_\_\_\_.
6. \_\_\_\_\_\_\_\_\_\_\_ tells us how to reach a destination without getting lost.
7. Direction tells you the exact \_\_\_\_\_\_\_\_\_ of different places, buildings, objects.
8. In olden days the sailors followed the movement of \_\_\_\_\_\_\_\_\_ during the day.
9. Multiple choice questions
10. In olden days the sailors followed the movement of the \_\_\_\_\_ during the day.
11. Moon b) Sun c) Star
12. Which of them cannot be found using directions?
13. Height b) exact location c) helps to reach destination.
14. If I am facing the sun then to my left is
15. East b) North c) West
16. The arrow of a compass always points to
17. West b) South c) North
18. The magnetic compass discovered by Chinese is believed to be used by
19. Sailor b) fortune –tellers c) Teachers.
20. Match the following

|  |  |
| --- | --- |
|  Column 1 |  Column 2 |
|  Sun |  Fixed position |
|  Hand of Compass |  Exact location |
|  Directions  |  Always point to North |
|  North star |  Rises in the east |

1. What are the four points of a compass?
2. When Aarti is standing in front of the microphone in what is the direction of all the student standing in front of the stage?

 W E

In the above given figure of the compass what are these four points and what do they indicate?

1. What reference makes it easy to locate other direction?
2. What direction does the arrow (hand) of compass always point how does it help?
3. How did sailor find their direction in olden days?
4. Why do we need to understand the directions?
5. What can cause confusion everywhere?
6. What would have happened to sailors when the sky was hidden by clouds or fog?
7. What help us to reach the correct destination?
8. On a political map of India locate and name
9. State in the north east
10. State in the south
11. State in the west
12. Draw a sketch of way from your house to school and mention the direction.

  **Chapter 12**

 **Conquering Distances**

1. The student should talk to 10 of his friends and note down how his friends cover the distance between their house and school daily.
2. The student should list the places he visited during summer vacation and write the means of transport used.
3. Ram had to go across a river. Suggest the different means of transport he could use.
4. Fill in the blanks

 Help Box

Air ways, Train, Animal, Transport, Canoe, Wheel, Truck, round

1. The modern means of \_\_\_\_\_\_\_\_\_\_ have made travelling easy and comfortable.
2. The invention of \_\_\_\_\_\_\_\_\_ changed the life of early man.
3. Cars, buses and \_\_\_\_\_\_\_\_\_\_ are fast moving vehicles of the roadways.
4. In olden days man used \_\_\_\_\_\_\_\_to cross water body.
5. The wheels have changed from \_\_\_\_\_\_\_\_\_ blocks of wood to rubber tyres with air filled tubes.
6. The slow moving vehicles like rickshaw, bicycle and tonga use man or \_\_\_\_\_\_\_\_\_ power.
7. We can travel over short as well as long distance by \_\_\_\_\_\_\_\_.
8. Waterways are less costly than \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
9. Match the following
10. The choice of the vehicle depends on the
11. Location b) height c) distance and time
12. Which of them is not used by vehicles moving on road?
13. Petrol b) Steam c) CNG
14. Which mode of transport carries hundreds of passengers and tonnes of goods?
15. Railways b) Waterways c) Airways
16. In earlier days ships used
17. Steam energy b) Sail c) Diesel
18. What runs on single rail?
19. Monorail b) metro rail c) train
20. Why do people travel?
21. What was the beginning of railways in the world?
22. What makes people migrate to other cities and country?
23. Which kind of people has sea coasts as their favourite place?
24. On what does the kind of place and the way of travel depends?
25. How did man travel in ancient times and why did he travel?
26. What brought about change in the life of early man?
27. What change did discovery of fire bring about in early man’s life?
28. What is closely related to progress in the means of transport?
29. Besides being used in the means of the transport, wheels also play an important role in other fields, explain.
30. Name them
31. 2 Slow moving vehicles on the road
32. 2 fast moving vehicles on the road
33. 2 main mode of waterways
34. How is monorail different from metro rail?
35. Who invented first steam engine?
36. How has Railways changed over time?
37. Which is the fastest mode of transport? Name the main means of transport of this mode.
38. Which power is used by slow moving and fast moving vehicle on road?
39. How can we help in reducing pollution?
40. Which mode of transport is less costly than waterways?
41. Match the following

|  |  |
| --- | --- |
|  Column 1 |  Column2 |
| Discovery of wheel | Can travel long distance in short time |
| Waterways | Metro and monorail |
| Railways | Takes long time |
| Airways | Change in mode of transport |

1. How is travelling by waterways different from that of airways?
2. On the political map of India, mark the
3. 2 cities with metro in India.
4. State from which ships leave for other country
5. A railway line from Delhi to Mumbai.