

Chapter 4 – Maps

1. Answer the following questions briefly.

- What are the three components of a map?
- What are the four cardinal directions?
- What do you mean by the term 'the scale of the map'?
- How are maps more helpful than a globe?
- Distinguish between a map and a plan.
- Which map provides detailed information?
- How do symbols help in reading maps?

Answer 1.

- The three components of the map are - distance, direction and symbol.
- The four cardinal directions are - North, South, East and West.
- The scale of the map is the ratio between the actual distance on the ground and the distance shown on the map. There are two types of a map based on scale - Large scale map and small scale map.
- A map is a representation or a drawing of the earth's surface or a part of it drawn on a flat surface according to a scale. It is impossible to flatten a round shape and scale it. Therefore, maps are more helpful than a globe.
- The difference between a map and a plan is given below:

Map	Plan
A map is a representation or a drawing of the earth's surface or a part of it drawn on a flat surface according to a scale.	A plan is a drawing of a small area on a large scale.
Maps give detailed information about a larger portion of the earth	A Plan gives confined information about a certain small area.

- Large scale maps give detailed information.
- Symbols represent roads, bridges, trees, railway lines, etc. through certain letters, shades, colours, pictures and lines. In this way, symbols are a convenient means of reading a map.

2. Tick the correct answers.

- Maps showing distribution of forests are
 (i) Physical map (ii) Thematic Map (iii) Political map
- The blue colour is used for showing
 (i) Water bodies (ii) Mountains (iii) Plains
- A compass is used –
 (i) To show symbols (ii) To find the main direction (iii) To measure distance
- A scale is necessary
 (i) For a map (ii) For a sketch (iii) For symbols

Answer 2.

- (ii) Thematic Map
- (i) Water bodies
- (ii) To find the main direction
- (i) For a map