

## Long Answer Questions

### Q.1. How are directions useful in a map?

**Ans.** Every map consists of a vertical line (arrow) at the upper right hand corner of the map where 'N' is marked to indicate the north. This line is called the North Line. There are four cardinal or main directions. These are known as the cardinal points. The directions are North (N), South (S), East (E) and West (W). Amidst there are four intermediate directions. They are North-East (NE), South-East (SE), North-West (NW) and South-West (SW). If the map does not depict the north line then the top of the map is considered as north.

### Q.2. How are sketches useful for a map?

**Ans.** We often draw rough drawings to locate or show places where we need to go. These rough drawings are called sketches and they do not have any scale. For instance, ask a friend to visit your house and he does not know where you live. You can tell him how to reach your place by walking down certain specific roads or you may draw a sketch to help him. Direction and distances are shown in sketches but no scale is used.

### Q.3. Differentiate between small scale and large scale maps.

**Ans.**

- i. When large areas like continents or countries are to be shown on papers, then we use a small scale. For example, 5 cm on map shows 500 km on ground. It is called **small scale maps**.
- ii. When a small area like village or town is to be shown on paper then we use a large scale, i.e., 5 cms on the map shows 500 mts only on the ground. It is called **large scale maps**.

### Q.4. Why are plans important for a map?

**Ans.** A city or a town has many buildings and structures which cannot be depicted in detail in maps or sketches. To show a complete layout inside a building we make a drawing called a plan. These are normally made by the architects who design houses and buildings. When a house is constructed or a building is planned, architects first make detailed plans or layouts to show how they are going to be constructed. These depict the actual sizes of rooms, the location of staircases, doors and windows and so on.