

Geography - Class 7, Lesson-1. Representation of Geographical Features of the Earth.

Q) What is map?

Ans. It is a symbolic representation or a drawing of the earth's surface or a part of the surface of the earth drawn on a flat surface according to scale.

There are different types of maps

(i) Physical maps, (ii) Political Maps (iii) Thematic maps. (Definition of each type of map should be learnt).

Maps are divided into two types on the basis of scales. - (i) Small scale maps (ii) Large scale maps.

Topographical maps (topomap) - Show both natural and man made features of the earth. These are large scale maps. They show every details of the natural and man made features.

Components of maps - Title, scale, direction, conventional symbols, colour scheme and map legend.

There are three types of scales. (i) Verbal Scale (ii) Representative Fraction. (iii) Graphic or Linear Scale.

Map is represented by using any of the above scales.

Distance can be measured in two ways.

1. Measuring straight distance using a divider.
2. Measuring indirect distance by using thread or opisometer.

Colour Scheme.

On topo maps, different colours are used to show different features. (Read the chart given on page 13.)

You have already read about conventional symbols in the last class. It is just a repetition of the same thing.

Conventional Symbols - These are symbols used all over the world on maps to represent various features e.g. mountains, hills, rivers, lakes, buildings etc. Everything cannot be written on a map so because it would make a map look dirty. To avoid this cartographers use different letters or shades of colours, pictures or lines as symbols that are internationally approved.

Home work.

Exercise questions on pg 16. Ex 1, Ex 2 (pg 16) short questions to Q. 5 (the table) Q. 6. (conventional symbols) to be done in the copies. - (practical copy for geo. C.W & H.W).

Extra questions (To be written in the copy)

- 1) How would you divide the map on the basis of scale? Give two examples of each.
2. Why are conventional symbols used in a map?
3. Give one word answer.
 - (i) The person who drew the first world map on a flat surface.
 - (ii) Person who is called as the Father of Cartography.
 - (iii) The science of drawing maps.
 - (iv) Name of the first modern atlas published in 1570.

Exercise questions 3, 4 (pg - 17) will be explained later when the classes resumes.

For further reference and help, click on the Link.

https://youtu.be/QZpPZJqf3_k