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S. Chand's

ELEMENTARY GEOGRAPHY

5

Dr. RANJANA GUPTA



The Elementary Geography

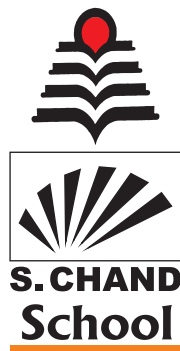
Class 5

Based on the Syllabus Prepared by
INTER-STATE BOARD FOR ANGLO-INDIAN EDUCATION, NEW DELHI

The Elementary Geography

Class **5**

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Preface

The Elementary Geography series comprising the set of three books of Geography for class III, IV and V covers all fundamentals of Geography essential for students in understanding the subject, and is based on the latest syllabus prescribed by **the Inter-State Board for Anglo-Indian Education, New Delhi, for ICSE schools.**

The salient features of the books in this series are as follows :-

- ❑ Brief subject matter are in simple language.
- ❑ A judicious use of tables, charts and illustrations to make the subject matter easy and clear.
- ❑ Colourful photographs that attract the interest of the student.
- ❑ Meaningful exercises and activity based project work.
- ❑ Emphasis has been laid on developing concepts and thinking skills like syllabus, inference, comparison and empathy in accordance with the guide lines of the new syllabus.
- ❑ Latest Geography maps and other illustrations that have become available as a result of satellite imagery and internet revolution have been provided for learning Geography.

I hope that the students and the teachers will find these textbooks useful in every way. I thank the publishers for bringing out the series in a short time.

Constructive suggestions for further improvement of the books will be acknowledged.

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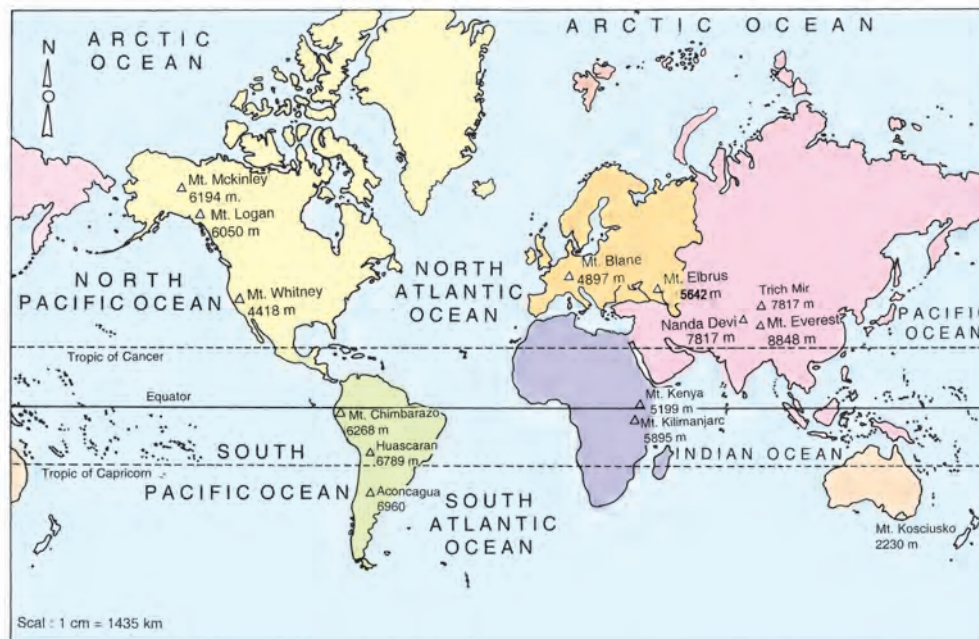


Globe, Maps and Atlas

Astronauts have said that it is wonderful to see our earth from space. From there it looks like a blue colour ball hanging in the sky. We can also see the true shape of the earth without going to space through globe. **A globe is thus, a miniature and a true model of the earth.** It gives us an idea about the looks of our earth. We can see the distribution of land and water on the earth's surface, and can identify the location of different countries and oceans on the globe. It also helps us to understand the rotational movement of earth and its effects, as we can turn a globe on its axis. However, globe are not big enough to show us minute details of the earth like the location of our city, and also difficult to carry from one place to other.



Fig. 1.1. Globe



(This map is for representation only)

Map 1.1. World Map (Mountain Peaks)

Because of these problems, we need a map. A **map is a two-dimensional representation of the earth's surface drawn on a flat base.** It helps us to study the earth in great details, as it can represent all, or a part of, the earth's surface in miniature.

BASIC FEATURES OF A MAP

All maps have certain common features that help the reader to understand the map. Let us see what they are:

- **Title of the Map:** As every lesson of your book has a title similarly every map has a title that describes the type of information given in the map.
- **Scale :** A scale tells us the ratio between the distance on the map and the real distance on the ground. As it is not possible to show the actual distance, so they are reduced. It is mostly represented by a small ruler like symbol in Kilometers or miles at the bottom of a map.

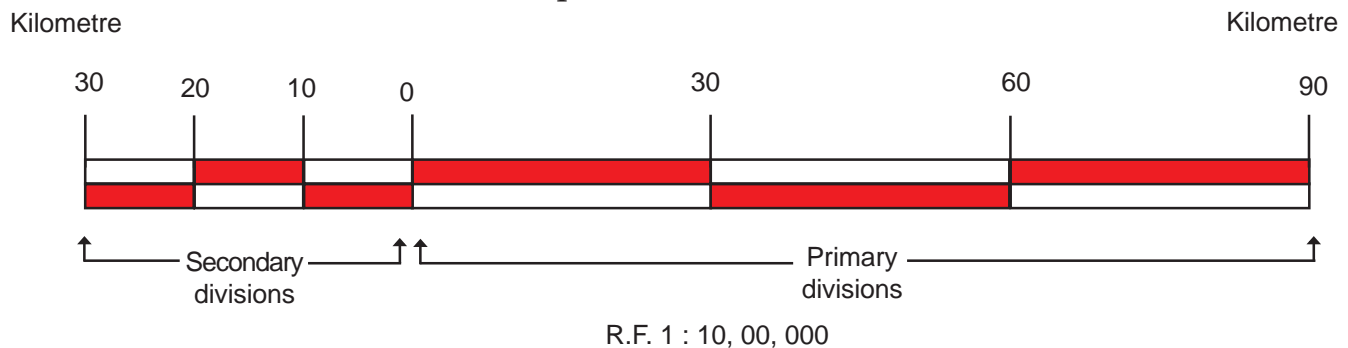


Fig. 1.2. Linear Scale

- **Direction :** To identify the north, south, east and west directions on a map, we take the help of north line. It is a line with an arrow and the letter N (denoting north) above it, usually at the upper right hand corner of a map.
- **Colour and Symbols :** Maps use different colour to show different physical features, for example, mountains in brown, plains in green and water bodies in blue. Beside this, Maps use various signs and symbols to give various Informations. These are called conventional signs and symbols, which are internationally recognized. Usually a key or an Index is given in

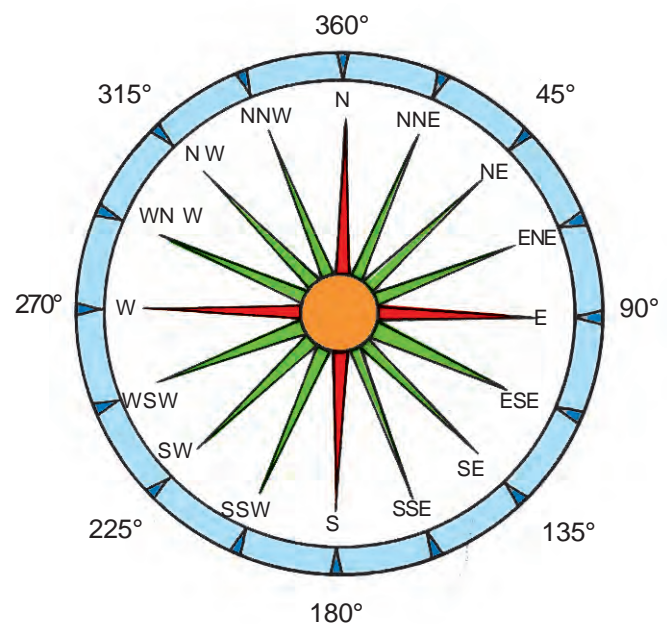


Fig. 1.3. Directions

one side of the map that explains the meaning of the given symbols and colour.
(Fig: 1.4)

Boundaries :					
International		River or stream		Bridge	
State		Canal		Grass	
District		Well		Temple	
Roads :		Tree		Mosque	
Metalled		Settlement		Church	
Unmetalled		Capital city		Dak Bunglow	DB
Cart track		Post office	PO	Graveyard	
Footpath		Telegraph office	TO	Height:	
Railways :		Police Station	PS	Triangulated	
Broad gauge		Forest		Benchmark	BM 200
Metre gauge		Fort		Spring	
Tank		Swampy ground		Huts	
Village		Battlefield		Oil well	
Dam		Camping ground			

Fig. 1.4. Conventional Symbols

TYPES OF MAPS

Maps are mainly of three types – **Political Maps, Physical Maps, and Thematic Maps.**

Political Maps: These maps show the country, their capitals, cities, towns etc.

Physical Maps: Maps shows various physical features and landforms like mountains, plains, plateaus water bodies etc.

Thematic Maps: Maps which have particular information like road map, Natural vegetation map, soil map, population map etc. are known as Thematic maps.

HOW USEFUL THE MAPS ARE?

Maps are useful in many ways, some of them are –

- It tells us the exact location, shape and direction of the continents, countries, towns, water bodies and so on.
- We can get great details of information regarding the physical features, transport network, height of the land, and distribution of rainfall etc. of a particular region.



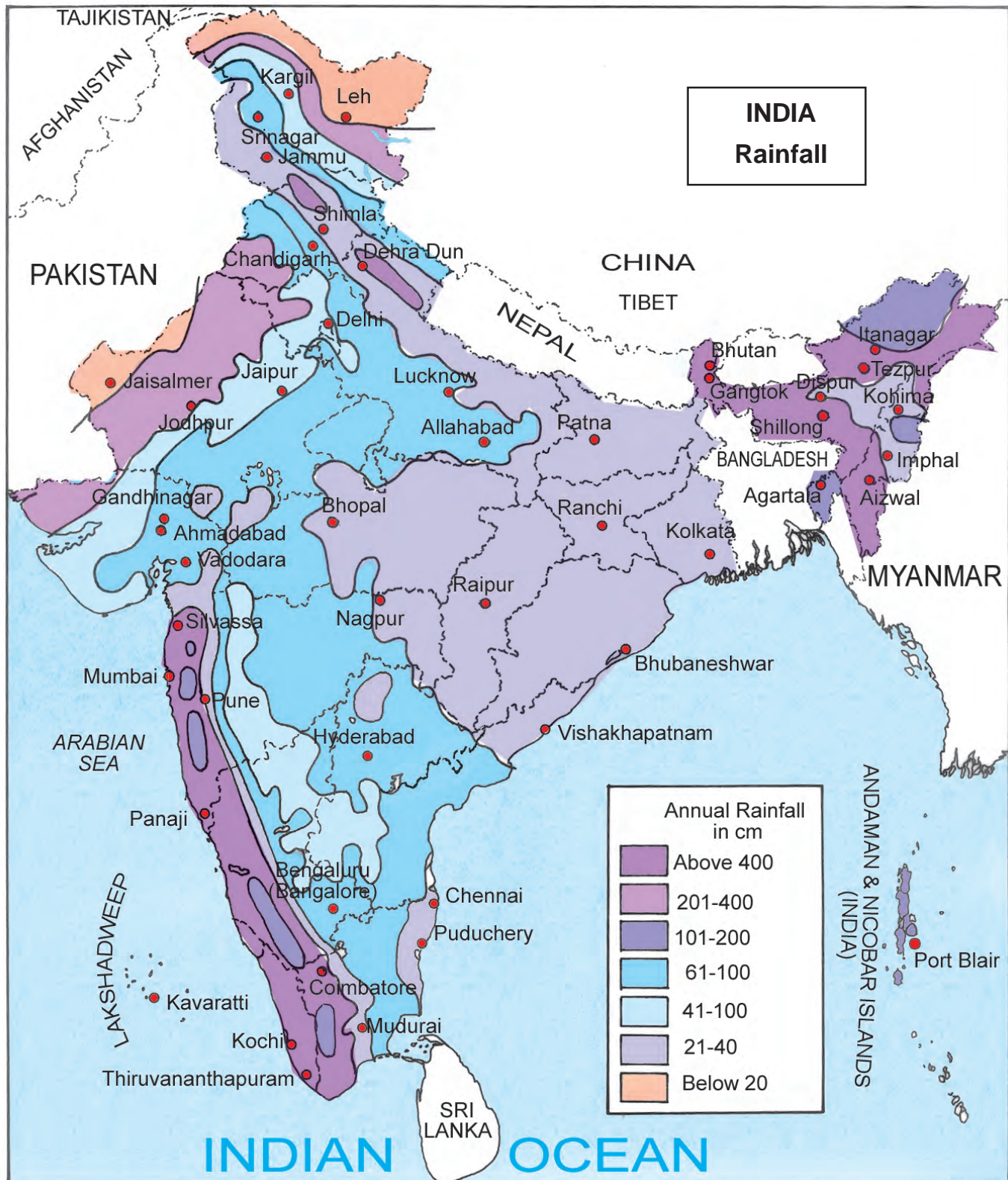
(This map is for representation only)

Map 1.2. Political Map of India



Map 1.3. Physical Map of India

(This map is for representation only)



(This map is for representation only)

Map 1.4. Thematic Map of India (Rainfall)

- Distance between two places can be calculated by using scale in the map.
- It is easy to understand and carry from place to place.

ATLAS

When a number of maps containing various Informations about the earth are put together in a book is called an **atlas**. In other words, it is a collection of maps in a book form. It also includes a table of contents and an index to help us to navigate the book properly. The first atlas was published in 1595.

PLAN

A plan is a detailed drawing made to scale to represent the features of a small area on a comparatively large scale. Figure shows the plan of a school.

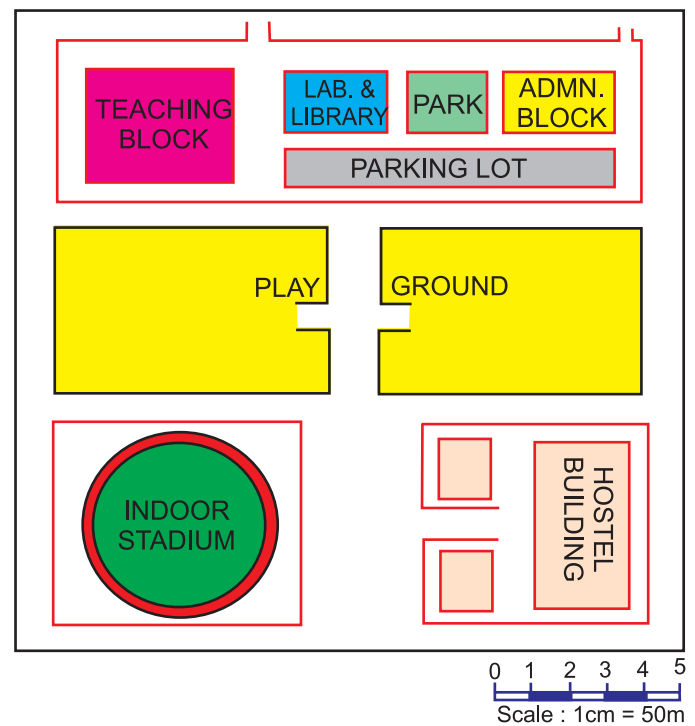


Fig. 1.5. A Plan of a School

SKETCH

A sketch is a rough drawing of anything neither drawn to scale nor is it a perfect representation of the object.

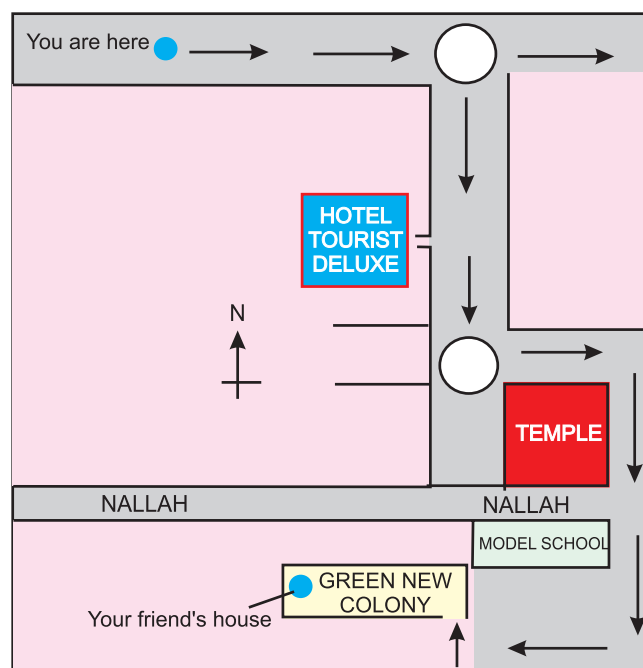


Fig. 1.6. A Sketch

Terms to Remember

Globe: Three dimensional representation of the earth.

Map: It is a representation of the earth on a flat piece of paper.

Plan: A detailed drawing made to scale.

Sketch: A rough drawing and has no scale.

Exercise

A. Fill in the blanks with appropriate words from the Lesson.

- _____ is a model of the earth.
- The distance between two places can be measured by _____ in a map.
- _____ is given in a map to explain the meaning of the symbols and Colour.
- The boundaries of countries and states are shown in _____ maps.
- _____ maps show the different landforms on earth.

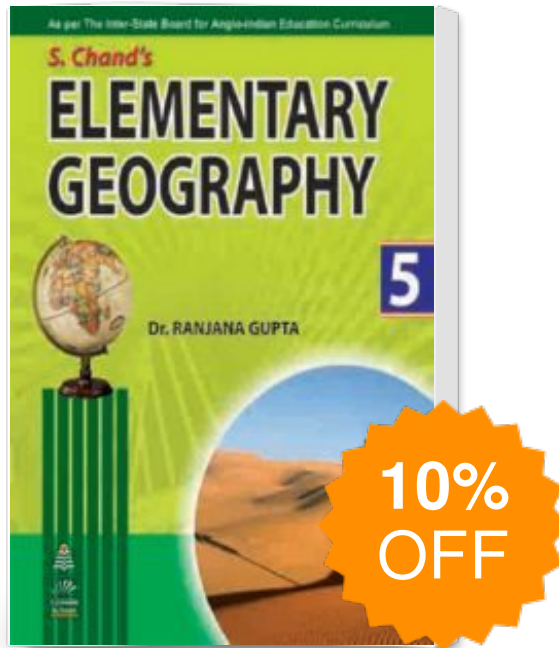
B. Write true or false.

- Globe gives us detail information of the earth surface.
- Atlas is a collection of maps.
- Population map is a political map.
- Colours and symbols are used to decorate a map.
- Direction in a map is denoted by the north line.
- A rough drawing or an out line not drawn to scale.

C. Answer the following questions in a sentence.

- What is Globe?
- What are the basic features of a map?
- What is the use of the title of the map?
- Name the two main types of map.

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