

# Chapter 5

## Map Reading

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### I. Choose the correct Answer:

#### Question 1.

The science of map making is called .....

- a) Geography
- b) Cartography
- c) Physiography
- d) Physical Geography

**Answer:**

- b) Cartography

#### Question 2.

North, South, East and West are four directions are called as

- a) Cardinal
- b) Geographical
- c) Latitudinal
- d) Angels

**Answer:**

- a) Cardinal

#### Question 3.

Cultural maps are those which shows the ..... features.

- a) Natural
- b) Man – made
- c) Artificial
- d) Environmental

**Answer:**

- b) Man – made

### II. Fill in the blanks:

1. .... is an essential tool of a geographer.

**Answer:**

Map

2. The directions in between the cardinal directions are the intermediate  
.....

Answer:  
directions

3. ....in a map which explains the different colours and symbols used in it.

Answer:  
Legend

4. Cadastral maps are known as .....

Answer:  
Village and Town Maps

5. Small scale maps are helpful to us to show large areas like ..... and  
.....

Answer:  
Continents, Countries

III. Circle the odd one:

1. North East, Scale, North West and East.
2. White, Snow, High land, and Plains.
3. Relief map, Soil map, Physical map and Atlas.
4. Weather Forecasting, Climate, Rainfall and Temperature.

Answer:

1. North East, **Scale**, North West and East.
2. White, Snow, High land, and **Plains**.
3. Relief map, Soil map, Physical map and **Atlas**.
4. Weather Forecasting, **Climate**, Rainfall and Temperature.

#### IV. Match the following:

A	B
1. Upper right comer	a) Density and growth
2. Key (or) legend	b) District (or) town
3. Large Scale map	c) Natural relief features
4. Physical map	d) Colours and Symbols
5, Population map	e) 'N' letter

**Answer:**

A	B
1. Upper right comer	e) 'N' letter
2. Key (or) legend	d) Colours and Symbols
3. Large Scale map	b) District (or) town
4. Physical map	c) Natural relief features
5, Population map	a) Density and growth

#### V. Examine the Following Statements:

##### Question 1.

1. An Atlas is a bound volume of different types of maps
  2. Atlas maps are drawn on smaller scale
  3. Insignificant details are omitted
- a) 1 and 3 are correct
  - b) 2 and 3 are correct
  - c) 1 and 2 are correct
  - d) 1, 2 and 3 are correct

**Answer:**

- d) 1, 2 and 3 are correct

##### Question 2.

Statement I : Globe is a three dimensional model of the Earth.

Statement II : It is easy to handle and to carry. As it can be rolled up or folded.

- a) Statement I is correct and II is wrong.
- b) Statement I is wrong and II is correct
- c) Both the statements are correct.
- d) Both the statements are wrong.

**Answer:**

a) Statement I is correct and II is wrong.

**VI. Name the following:**

1. Representing the earth on a flat surface.

**Answer:**

Map

2. Ratio between the distance on a map and distance on the ground.

**Answer:**

Scale

3. Symbols which help to show road ways and railways.

**Answer:**

**Road ways - \_\_\_\_\_, Railways - ++++++**

4. A book which contains different kinds of maps.

**Answer:**

Atlas

5. A map which shows administration divisions.

**Answer:**

Political map

**VII. Answer the following:**

**Question 1.**

What is a map?

**Answer:**

1. Map is a representation of the earth as a whole or a part of the earth drawn on a flat surface according to a given scale.
2. It can show continents, countries, cities and even a local area are drawn with specific details.

**Question 2.**

What is cartography?

**Answer:**

The science of map-making is called cartography (carte means map and graphic means drawing'). One who draws maps is called a Cartographer.

**Question 3.**

What are the cardinal directions?

**Answer:**

East and West, North and South.

**Question 4.**

What is an Atlas?

**Answer:**

- Atlas is a collection of maps in a book.
- Atlas maps are small-scale maps covering large areas like continents and countries.
- Only prominent relief features, main roads and railways important towns are shown in Atlas maps.
- The study of geographic characteristics of a large area is possible at the time with the help of an atlas.

**Question 5.**

Name the types of Atlas.

**Answer:**

1. School Atlas
2. Advanced Atlas
3. Regional Atlas
4. National Atlas.

**Question 6.**

What are the uses of maps?

**Answer:**

- Maps enable us to know the details of the landforms.
- Maps help the military personnel to campaigns.
- It is used in airplanes and ships.
- Maps are used for weather forecasting.

**VIII. Answer in Detail:**

**Question 1.**

What are the elements of maps? Write about it?

**Answer:**

The basic essential elements of a map are title, direction, scale and legend (or) key and signs and symbols.

Title:

- Every map has a title that describes the information given in the map.
- For example: India River.

Direction:

- In general maps are drawn with North orientation.
- It helps us to find other direction on the map like East, West and South.

Scale:

- The scale of a map is the ratio between the distance on the map between two points and actual distance between the two places on the ground.
- For example: 1 cm = 10km.

**Question 2.**

What are the three ways of representation of maps?

**Answer:**

- A map is an essential tool for a geographer.
- The map is a representation of the earth as a whole or a part of the earth drawn on a flat surface according to a given scale.
- It can show continents, countries, cities, and even a local area are drawn with specific details.
- It is easy to handle and carry as it can be rolled up (or) folded and stored in computers.

**Question 3.**

Classify the maps based on functions.

**Answer:**

The maps based on functions are:

- Relief, geology, soils, drainage, elements weather, and vegetation.
- Relief maps
- Geological maps

- Climatic maps
- Soil maps
- Cultural maps
- Political maps
- Population maps
- Economic maps
- Transportation maps
- Thematic maps

**Question 4.**

Write about the comparison of map and Globe.

**Answer:**

**Map**

1. A map is a two – dimensional form of the Earth.
2. A map shows a small or a large area.
3. A map can show detailed information about the area.
4. A map is very easy to carry.

**Globe**

1. A globe is three – dimensional model of the Earth.
2. A globe is a true model of the earth.
3. A globe cannot show detailed information for an area.
4. A globe is not easy to carry.

**Question 5.**

Describe the types of maps based on the scale? Write about it?

**Answer:**

- Based on Scale maps are two types.
- Large scale maps
- Short scale maps

**Large scale maps:**

- It shows small areas in greater detail because they are drawn on a relatively large scale.
- Cadastral maps are village and town maps.
- Topographical maps show smaller areas in much greater detail about the small areas.

**Small scale maps:**

- It shows large areas like continents or countries.
- These maps are drawn on 1 cm = 1000 km. These are called small-scale maps.
- Wall maps are small-scale maps showing large areas.
- Atlas is a collection of maps in a book. Atlas maps are small-scale maps covering large areas like continents and countries.

## IX. HOTs:

### Question 1.

Map is an essential tool for a traveler why?

#### Answer:

Map is an essential tool for a traveller, It helps a traveller to find out direction. It also tells about the latitudinal and longitudinal extent of a place. It helps one to locate a place easily and follow the correct travelling route.

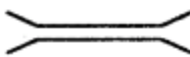





## X. Activity:

### Question 2.

Draw the convectional signs and symbols to given points

- Bridge
- Canal
- Dam
- Temple
- Forest
- Railway Station

#### Answer:

a) Bridge	-	
b) Canal	-	
c) Dam	-	
d) Temple	-	
e) Forest	-	
f) Railway Station	-	



## **I. Choose the Correct Answer:**

### **Question 1.**

..... portraits political boundaries of different countries and states.

- a) Religion atlas
- b) Soil maps
- c) National atlas
- d) Maps

**Answer:**

- d) Maps

### **Question 2.**

The map-maker is called.....

- a) Photographer
- b) Cartographer
- c) Pictograph
- d) Sonographer

**Answer:**

- b) Cartographer

### **Question 3.**

..... contains detailed maps of a country.

- a) Religion atlas
- b) Soil maps
- c) National atlas
- d) Climatic maps

**Answer:**

- c) National atlas

### **Question 4.**

..... are drawn to show geological structures, rocks, and minerals.

- a) Relief maps
- b) Soil maps
- c) Geographical maps
- d) Thematic maps

**Answer:**

- c) Geographical maps

### **Question 5.**

In general, maps are drawn with..... orientation

- a) North
- b) South
- c) East
- d) West

**Answer:**

- a) North

**Question 6.**

The features of White colour in Map is .....

- a) Snow
- b) Cloud
- c) Rain
- d) Water

**Answer:**

- a) Snow

**Question 7.**

The features of ..... colour in Map is Waterbodies.

- a) Blue
- b) Green
- c) White
- d) Yellow

**Answer:**

- a) Blue

**Question 8.**

The features of ..... colour in Map is Railway line

- a) Black
- b) Red
- c) Blue
- d) Green

**Answer:**

- a) Black

**Question 9.**

A ..... is a widely used symbol or a line pattern or a colour on a map.

- a) Volcanoes
- b) Forts
- c) Sign
- d) lakes

**Answer:**

c) Sign

**Question 10.**

Maps help the ..... personnel to campaigns.

- a) Military
- b) Government
- c) Disasters
- d) Schools

**Answer:**

a) Military

**II. Fill in the blanks:**

1. A ..... is an essential tool of a geographer.

**Answer:**

Map

2. .... show small areas in greater details because they are drawn on a relatively large scale.

**Answer:**

Large scale maps

3. ....are village and town maps.

**Answer:**

Cadastral maps

4. .... shows smaller areas in much greater details about a small area.

**Answer:**

Topographical maps

5. .... that show large areas like continent or countries.

**Answer:**

Small scale maps

6. .... are small-scale maps showing large areas.

**Answer:**

Wall maps

7. ....is a collection of maps in a book.

**Answer:**

Atlas

8. .... is a web-based service that provides detailed information about geographical regions and sites around the world.

**Answer:**

Digital Maps

9. map 1 cm is equal to ..... km on the ground.

**Answer:**

10 Km

10. The features of ..... colour in Map is agriculture.

**Answer:**

Yellow

11. The features of ..... colour in Map is Forest.

**Answer:**

Green

12. The features of ..... colour in Map is Mountain, Hill, and Contour.

**Answer:**

Brown

13. The features of ..... colour in Map is Settlements, Road.

**Answer:**

Red

14. On the map police station is denoted by the symbol .....

**Answer:**

Ps

15. Maps are used for .....

**Answer:**

weather forecasting

**III. Match the following:**

A	B
1. Maps	a) Detailed information sites
2. Early times material	b) Snow
3. Red	c) papyrus
4. White	d) Cartography
5. Digital maps	e) Settlements roads

**Answer:**

A	B
1. Maps	d) Cartography
2. Early times material	c) papyrus
3. Red	e) Settlements roads
4. White	b) Snow
5. Digital maps	a) Detailed information sites

**IV. Examine the Following Statements:**

**Question 1.**

Statement – 1: In general Maps are drawn with North orientation.

Statement – 2: The North is Notified by the letter 'S' with an arrow mark.

- a) Statement I is correct and II is wrong.
- b) Statement I is wrong and II is correct
- c) Both the statements are correct.
- d) Both the statements are wrong.

**Answer:**

- a) Statement I is correct and II is wrong

**V. Answer the following:**

**Question 1.**

How Maps are drawn in early times?

**Answer:**

In the early times, various materials such as animal skin, cloth, parchment, papyrus, wet earth and clay tablets were used to make maps.

**Question 2.**

Write a short note on Digital maps.

**Answer:**

Digital map is a web-based service that provides detailed information about geographical regions and sites around the world.

**Question 3.**

Define Globe.

**Answer:**

- A globe is a three-dimensional model of the Earth.
- A globe cannot show detailed information for an area.
- A globe is not easy to carry.

**VII. Answer in Detail:****Question 1.**

What are the features of colours on the map?

**Answer:**

Colours	Features
1. White	Snow
2. Yellow	Agriculture
3. Green	Forest
4. Blue	Water bodies (oceans, seas, and rivers)
5. Brown	Mountain, Hill, and Contour
6. Red	Settlements, Road
7. Black	Railway line