

Part-C : Cartography

I. Answer any five of the following in a word or a sentence each.

Question 1.

Define the term Cartography.

Answer:

Cartography is the art and science of making maps, charts, globes, and models.

Question 2.

What is a Map?

Answer:

A map is a representation of the whole or a part of the Earth's surface drawn on paper according to a scale.

Question 3.

Name any two essential features of a Map.

Scale and Direction.

Answer:

(Any two: Title, Scale, Direction, Index, Latitudes and Longitudes)

Question 4.

What is Scale?

Answer:

Scale is the ratio between the distance on the map and the actual distance on the ground.

Question 5.

Draw the Geographical symbol of River.

Answer:

The geographical symbol of a river is shown by a curved or wavy line



RIVER SYMBOL

Question 6.

Mention any two uses of Maps.

Answer:

1. Maps help to understand physical and cultural features of the Earth.
2. Maps are useful for planning agriculture, industry, transport, and communication.

II. Identify the latitudes and longitudes for the given places in the map of Karnataka.

(Based on the Latitude and Longitude map of Karnataka)

1. Bengaluru

Latitude: **12°58' N**

Longitude: **77°35' E**

2. Mangalore

Latitude: **12°54' N**

Longitude: **74°50' E**

3. Bellary

Latitude: **15°09' N**

Longitude: **76°55' E**

4. Hubli

Latitude: **15°21' N**

Longitude: **75°08' E**

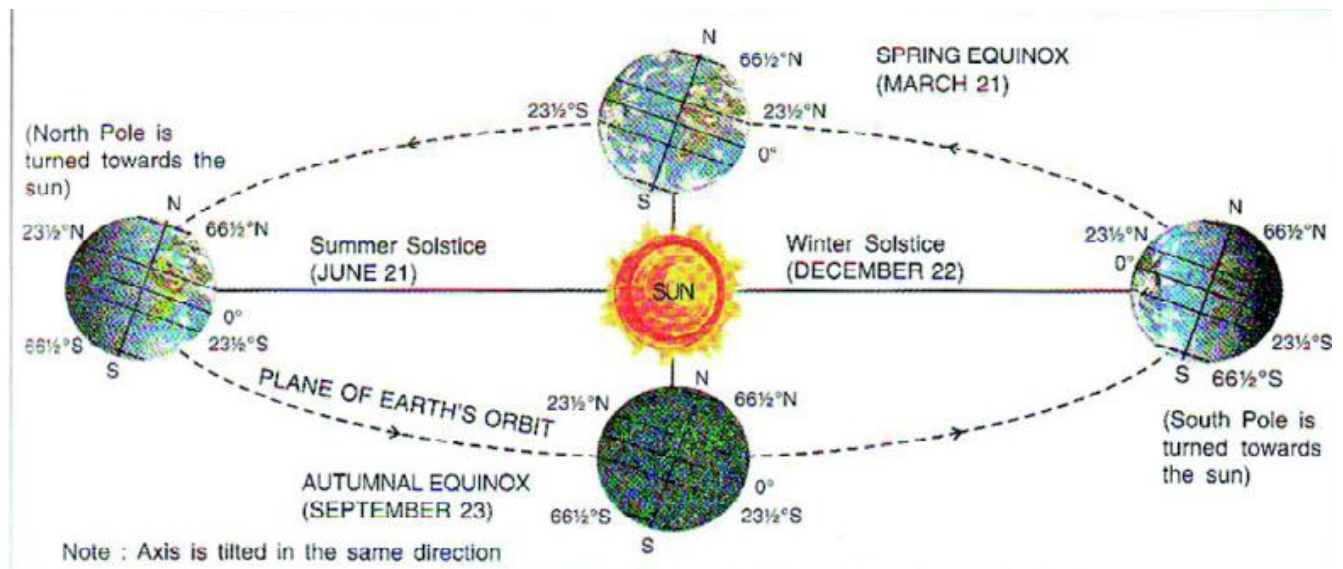
5. Bidar

Latitude: $17^{\circ}55' \text{ N}$

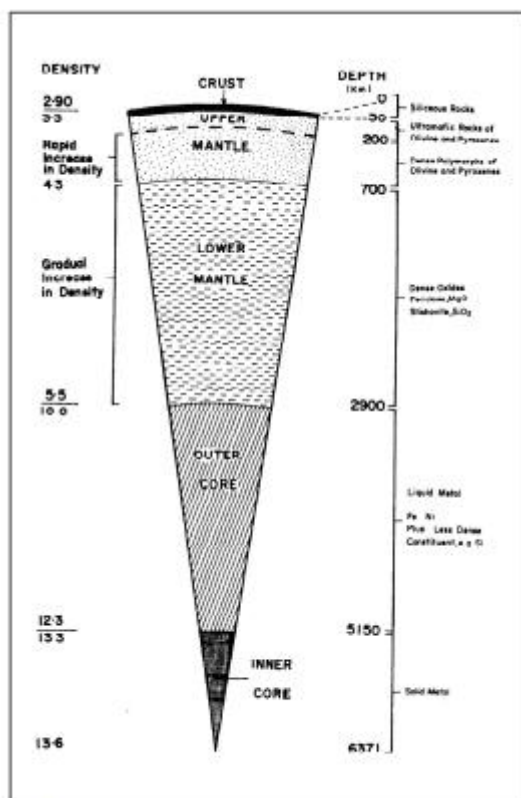
Longitude: $77^{\circ}31' \text{ E}$

III. Draw diagrams to any two of the following.

1. Cycle of Seasons

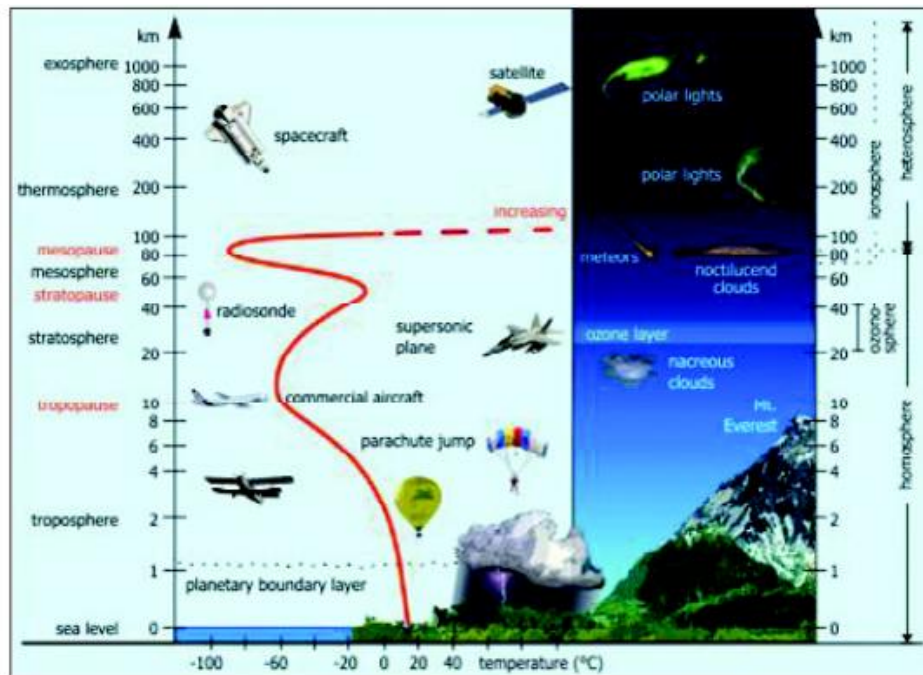


2. Layers of the Earth's interior

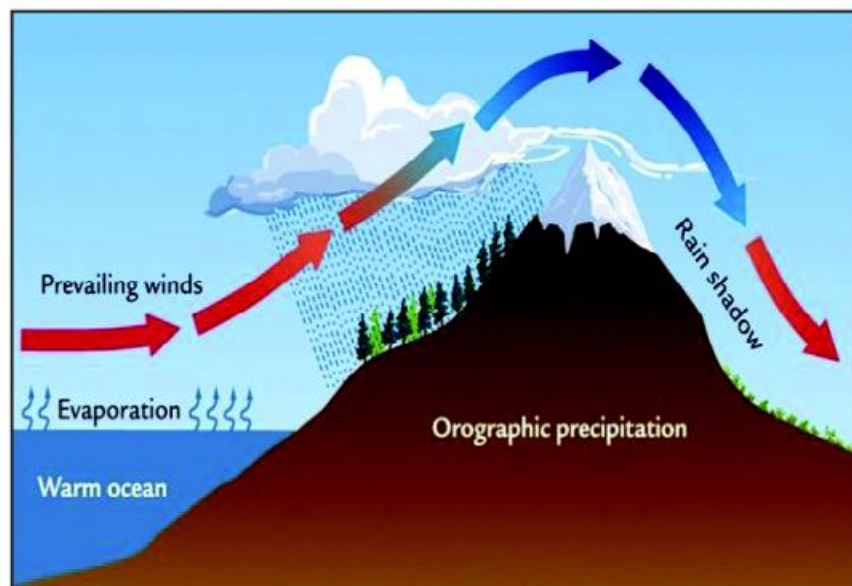


3. Layers of the Earth's interior

3. Draw any two Geographical symbols



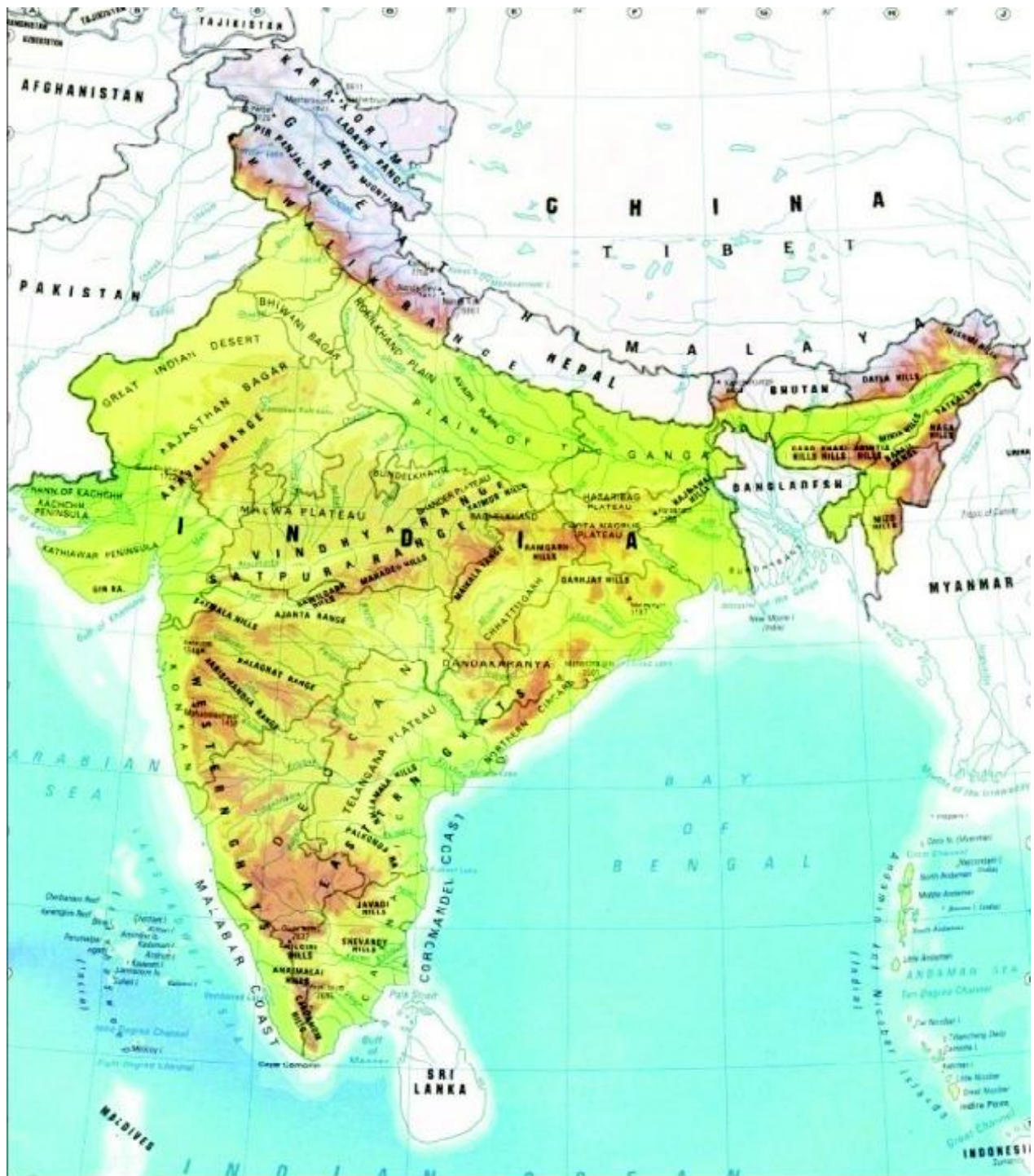
5. Layers of the Atmosphere



8. Orographic Rainfall

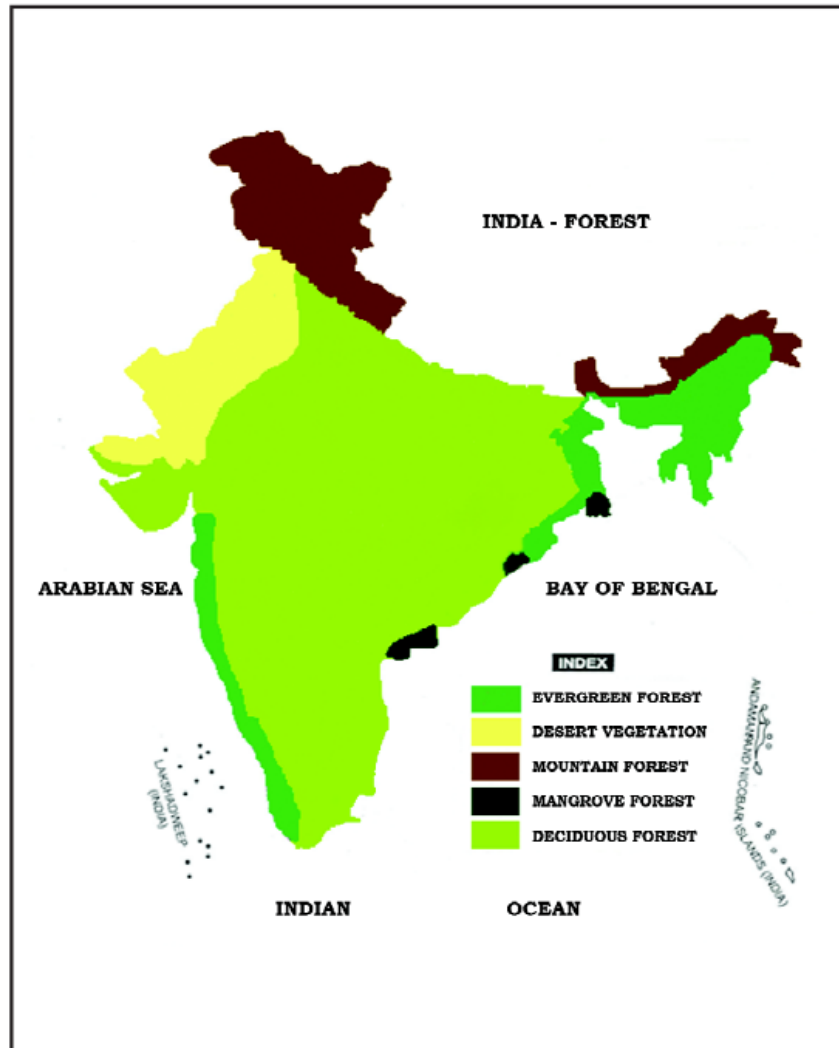
IV. Draw the outline map of India, mark and name the following

1. Physical divisions of India



2. Physical divisions of India

2. Forests of India



7. Forests of India

◆ Additional Question and Answer

1-Mark Questions & Answers

Question 1.

What is a Cartographer?

Answer:

A Cartographer is a person who makes maps.

Question 2.

What is R.F?

Answer:

R.F means Representative Fraction.

Question 3.

Name the horizontal lines on the globe.

Answer:

Latitudes.

Question 4.

Name the vertical lines on the globe.

Answer:

Longitudes.

Question 5.

What is an Atlas?

Answer:

An Atlas is a collection of maps in book form.

Question 6.

Which instrument is used to find direction?

Answer:

Compass.

2-Mark Questions & Answers**Question 1.**

Mention any two functions of Cartography.

Answer:

1. It helps to represent spatial information accurately.
2. It helps in planning and development activities.

Question 2.

What is meant by Large Scale Map? Give one example.

Answer:

Large scale maps show a small area in great detail.

Example: Village or City maps.

Question 3.

Name any two types of maps based on purpose.

Answer:

1. Topographical maps

2. Economic maps

Question 4.

Mention any two essential elements of a map.

Answer:

1. Scale
2. Direction

Question 5.

State any two uses of Weather Maps.

Answer:

1. To study temperature and rainfall.
2. To analyze weather conditions.

5-Mark Questions & Answers

Question 1.

Explain the importance of Cartography.

Answer:

Cartography is an important branch of Geography which acts as a bridge between physical and social sciences. It helps in representing geographical facts clearly and accurately.

Cartography uses scientific methods, art, and technology to prepare maps. It helps planners, geographers, teachers, and students to understand physical and cultural features of the Earth. With the introduction of computers, GIS, and GPS, modern cartography has gained great importance.

Question 2.

Explain the essential elements of a map.

Answer:

The essential elements of a map are:

1. **Title** – Indicates the subject of the map.

2. **Scale** – Shows the relationship between map distance and ground distance.
3. **Direction** – Helps to identify north, south, east, and west.
4. **Index (Legend)** – Explains symbols and signs used in the map.
5. **Latitudes and Longitudes** – Help to locate places accurately.

Question 3.

Describe the uses of maps.

Answer:

Maps have many uses. They help geographers to present spatial information systematically. Maps show physical features like mountains, rivers, and plains. They are useful in studying invisible elements like temperature and winds. Maps help planners in agriculture, industry, transport, and communication. They are also important for defence, administration, teaching, and tourism.