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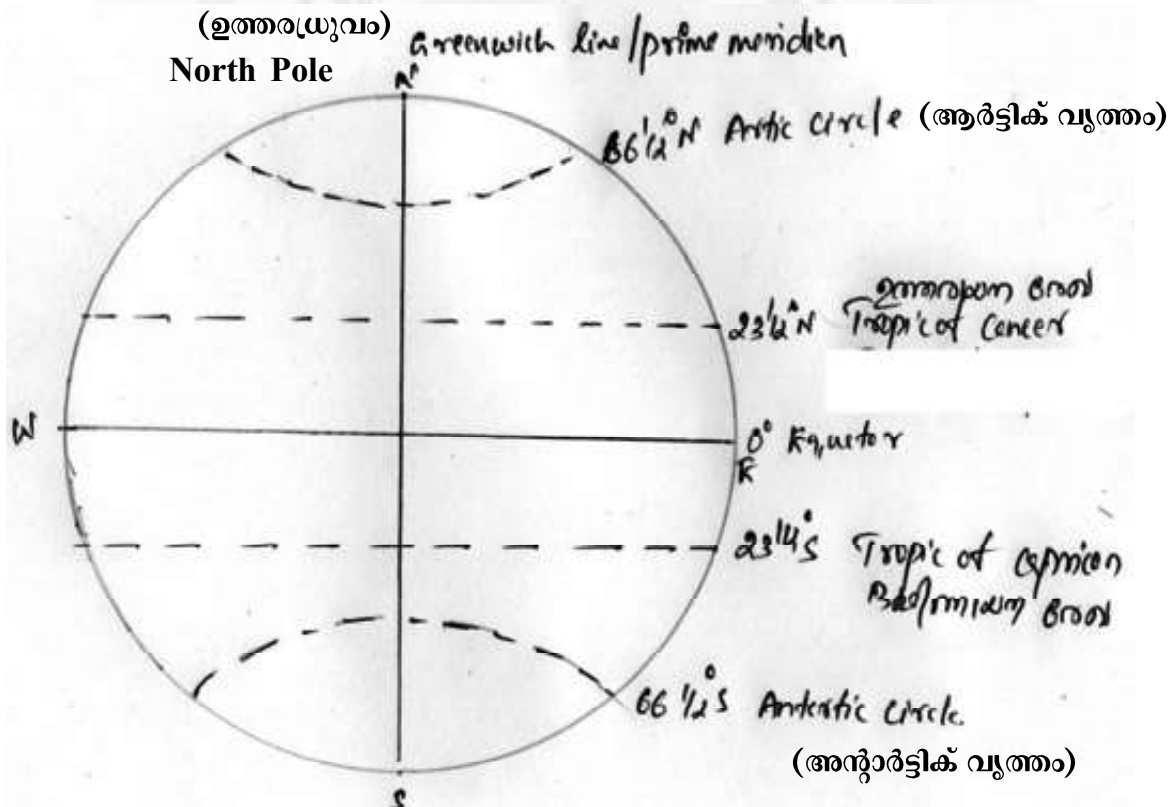
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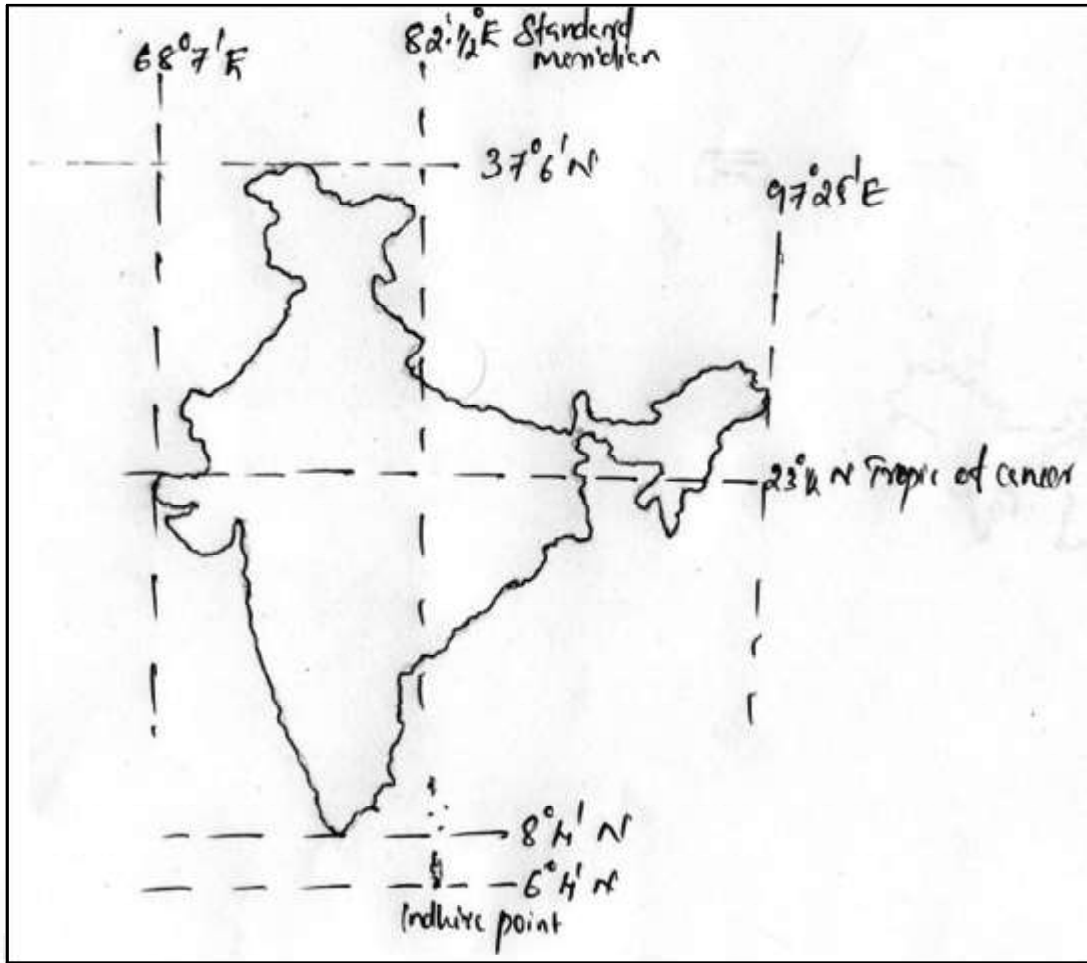
LOCATION OF INDIA PART 1

Physiography of India



(ദക്ഷിണ ധ്രുവം) South Pole

- 0° latitude is known as Equator
- Equator divides earth into two equal hemispheres (Northern Hemisphere and Southern Hemisphere)
- India lies in Northern Hemisphere, exactly in North East Hemisphere
- Position of India is latitudes $8^\circ 4'$ North and $37^\circ 6'$ North and longitudes $68^\circ 7'$ East and $97^\circ 25'$ East



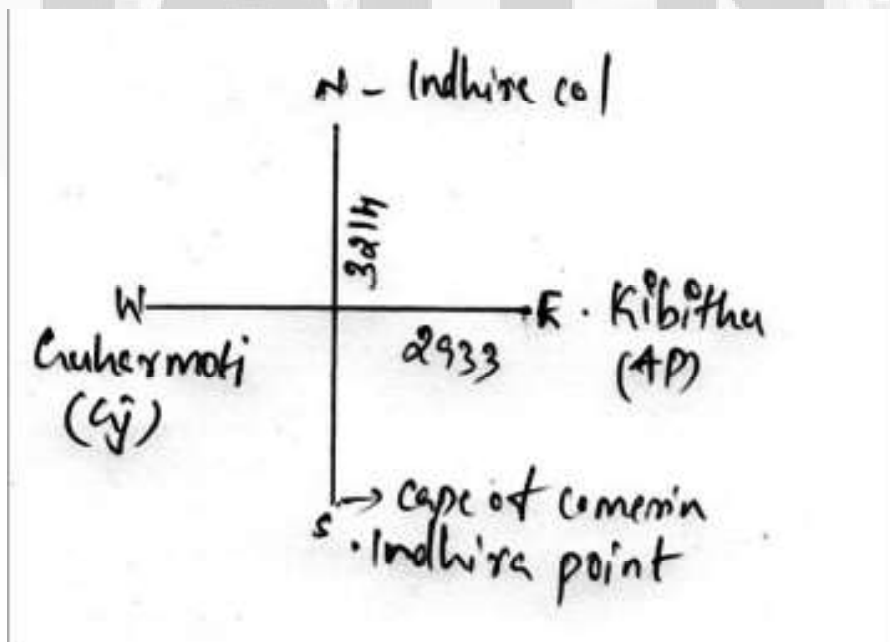
- Southern most latitude passing through India - 8°4' North
- Southern most latitude passing through Indian Territory - 6°4' North
- Northern most latitude passing through India - 37°6' North
- Western most longitude passing through India - 68°7' East
- Eastern most longitude passing through India - 97°25' East
- The Tropic of Cancer divides the country into almost two equal parts
- Number of states through which Tropic of Cancer passes – 8

1. Rajasthan
2. Madhya Pradesh
3. Jharkhand
4. Bengal
5. Mizoram
6. Gujarat
7. Chhattisgarh
8. Tripura

രാമജപമീഗുഹരത്ര

- North Part of Tropic of Cancer is known as **Temperate zone** (Mithoshna meghala)
- Southern Part of Tropic of Cancer is known as **Torrid Zone** (Ushna meghala)

- So India lies in Between Temperate zone and Torrid Zone
- Climate of India is Tropical Monsoon so India is a Tropical country
- The tropic of cancer passes through the metro city Kolkata and capital cities of Ranchi and Raipur
- The river which crosses Tropic of Cancer – Mahi (2 times) (Madhya Pradesh and Rajasthan)
- The number of time zones in India - One
- Most important longitude passing through India is 82.5° East which is known as **Standard Meridian** (Manaka Rekhamsham)
- The local time at Mirzapur near Allahabad through which the 82.5° E Longitude passes is taken as Standard time throughout India
- Standard Meridian helps us to calculate Indian Standard Time (IST)
- The states through which the 82.5° E longitude passes:-
 1. Uttar Pradesh
 2. Andhra Pradesh
 3. Madhya Pradesh
 3. Chhattisgarh
 4. Odisha
- It passes through Mirzapur in Allahabad (UP) and Kakkinada in Andrapradesh
- Difference between Greenwich Mean Time and Indian Standard Time is **5.30 Hours** (GMT + 5.30 Hours)
- There are **180+1 latitudes** and **360° longitudes**
- The time change of 1° longitude is 4 minutes
- Longitudes are responsible for time change in different areas



- Northern most tip of India – Indhira col (Ladakh)
- Southernmost tip of Indian Peninsula– Cape of Comerin
- Southernmost tip of Indian Territory – Indhira Point (Pigmalian Point, Parsons Point)

- Eastern most point of India – Kibithu(Arunachal Pradesh)
- Western most point of India – Guharmothi (Gujarat)
- Latitude passing through Indhira col (Jammu & Kashmir) - $35^{\circ}6'$ north
- Latitude passing through Cape of Comerin - $8^{\circ}4'$ north
- Latitude passing through Indhira Point - $6^{\circ}4'$ north
- Longitude passing through Guharmothi (Gujarat) - $68^{\circ}7'$ east
- Longitude passing through Kibithu(Arunachal Pradesh) - $97^{\circ}25'$ East
- East West distance of India – **2933 km**
- North South Distance of India – **3214 km**
- Land boundary of India – **15200 km**
- Highest Peak in India – **Mount K2 (8611 m)**
- Highest peak which is fully located in India – **Kanjanjanga (Sikkim -8586 m)**
- Lowest land area in India – **Kuttanad (-2.2m)**
- Length of coastal area of India – **6083 +1433 km = 7516 km (As per PSC 7517 km)**

The number of Indian states with coast line -9

1. Gujarat
 2. Maharashtra
 3. Goa
 4. Karnataka
 5. Kerala
 6. Tamil Nadu
 7. Andra Pradesh
 8. Odisha
 9. Bengal
- State with highest coastal Area – Gujarat (Second – Andra Pradesh)
 - State with least coastal Area - Goa
 - Area of India – 32,87,263 sq km
 - Area of Kerala – 38,863 sq km
 - Area of India is 2.42 % of Area of World and Area of Kerala is 1.18% of Area of India
 - India is the 7 th largest country in the world and Second highly populated country in the world
 - India ranks 10th in the list of most forested countries in the world
