

INDIA AND IT'S BOUNDARY



- India was a part of Gondwanaland
- India in terms of area is in the 7th position
- 1st: Russia
- 2nd: Canada
- 3rd: China
- 4th: USA
- 5th: Brazil
- 6th: Australia
- 8th: Argentina
- Smallest: Vatican City
- India occupies 2.4% of total world's land area
- Population is 17% world's total population

Time Zones

- Russia: 11
- USA: 4
- Max. in France: 12 (because of many territories)

- India has total state: 28
- Total UTs: 8
- North-South extent: 3214 km
- West-East: 2933 km
- Latitudinal extent: 8°4'–37°6' → Difference: ~30°
- Longitudinal extent: 68°7'–97°25' → Difference: ~30°
- Difference b/w every latitude is same: 111 km
- Difference b/w every longitude is varying

↓
Max. at the equator
Zero at the poles

Time difference between Gujarat and Arunachal: 30°

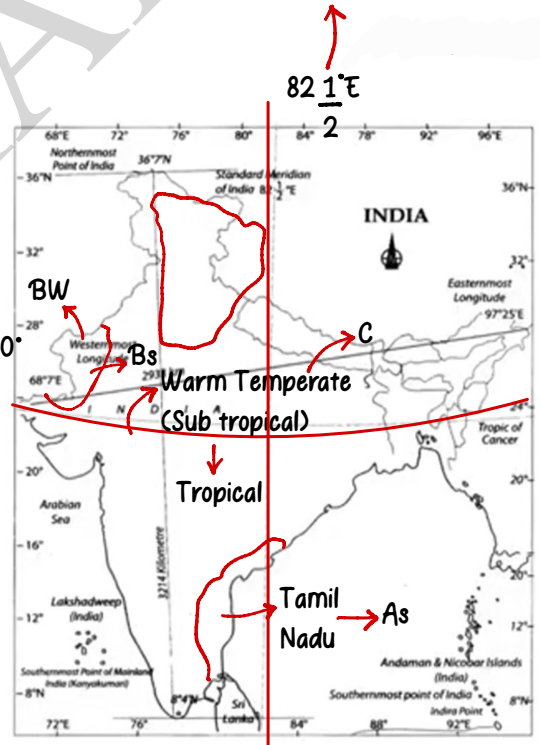
$$= 30 \times 4$$

$$= 120 \text{ mins} = \mathbf{2 \text{ hrs}}$$

$$1^\circ = 4 \text{ mins}$$

$$15^\circ = 1 \text{ hr}$$

India's common time zone



Extremes	State	Point
Northernmost:	Himachal Pradesh	Indira Col
Southernmost:	Tamil Nadu	Kanyakumari/Cape Camorin/ Indira Point
Easternmost:	Arunachal Pradesh	Kibithu
Westernmost:	Gujarat	Guhar Moti/Sir Creek



- $15^\circ = 1 \text{ hr}$
- $7.5^\circ = 30 \text{ mins}$
- Total time: 24 hrs
- Indian Standard Time (IST): 82.5° E
- IST passes through: 5 states

- ↓
- M:** Madhya Pradesh
 - O:** Odisha
 - U:** Uttar Pradesh (Naini, Mirzapur)
 - C:** Chattisgarh
 - A:** Andhra Pradesh

↓
Indira Point

• India's important latitude: Tropic of Cancer → $23 \frac{1}{2}^\circ \text{ N}$

↓
Pass through 8 states

TRICK

Gujarati	Raja	Made	Chief	Justice	Win	The	Meeting
↓	↓	↓	↓	↓	↓	↓	↓
Gujarat	Rajasthan	Madhya Pradesh	Chattisgarh	Jharkhand	West Bengal	Tripura	Mizoram

• How many capital cities of these 8 States are above (in North) Tropic of Cancer?

→ 3 states

Rajasthan	Mizoram	Tripura
Jaipur	Aizawl	Agartala

• Tropic of Cancer meets IST at: Korea, Chattisgarh (Baikunthpur)

• Countries that share boundary with

India:

B: Bangladesh → 4,096.7 km (longest)

C: China → 3,488 km

P: Pakistan → 3,323 km

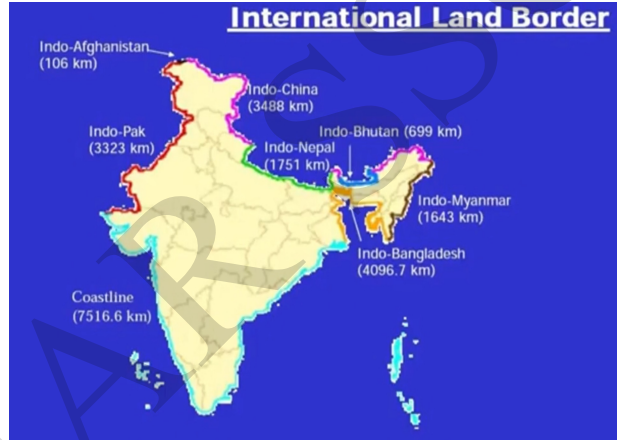
N: Nepal → 1,751 km

M: Myanmar → 1,643 km

B: Bhutan → 699 km

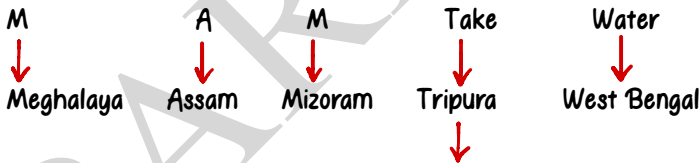
A: Afghanistan → 106 km (least)

total: 15,106.7 km



Bangladesh: India and Bangladesh → Radcliffe Line

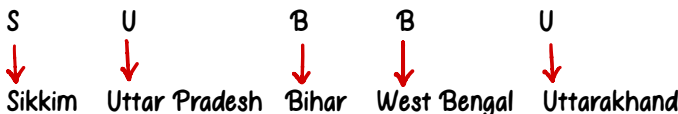
Train b/w Bangladesh to India



- Bandhan Express
- Mitali Express

It is surrounded by Bangladesh from three sides

Nepal



Bhutan

B ↓ West Bengal A ↓ Assam S ↓ Sikkim A ↓ Arunachal Pradesh → Agreed

Pakistan: Pakistan and India → Line of Control (LOC) + Radcliffe Line

G ↓ Gujarat R ↓ Rajasthan P ↓ Punjab J & K Ladakh

Train b/w India and Pakistan:

- Samjhauta Express
- Thar Express

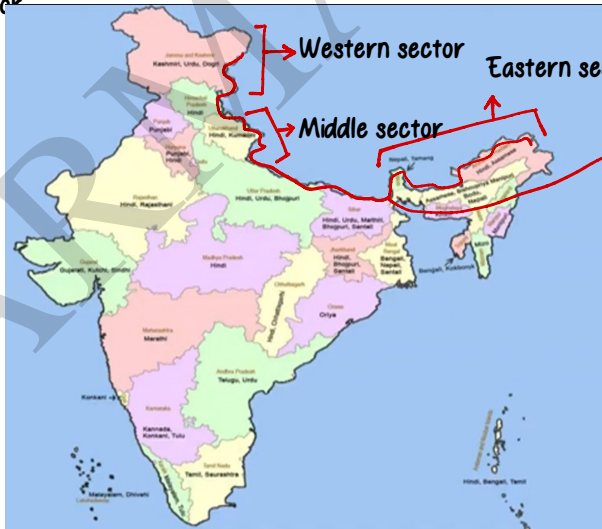
Train to Pakistan (book):
 Khushwant Singh

China

Ladakh, Himachal Pradesh, Uttarakhand, Sikkim, Arunachal Pradesh

• India-China Border divided into 3 sectors:

1. Western sector
2. Middle sector
3. Eastern sector



India-China Border divided into 3 sectors

- Vibrant Village Programme for development: India-China border

• Line b/w India and China: Line of Actual Control (LAC) → Johnson Line

↓ Not agreed ↓ McMahon Line

- Border Road Organisation (BRO) → 1960

- Border Area Development Programme: 7th Five Year Plan

↓
1985-90

- Nepal and Bhutan: SSB (Under Ministry of Home Affairs)
- Pakistan and Bangladesh: BSF
- India and China: ITBP (Under Ministry of Home Affairs)
- Naxalite affected areas: Red Corridor

- **Airforce/Navy/Army:** Ministry of Defence
- **Assam Rifles:** Under Home Affairs but operation control under Ministry of Defence
- **CRPF:** Largest force of India

Myanmar

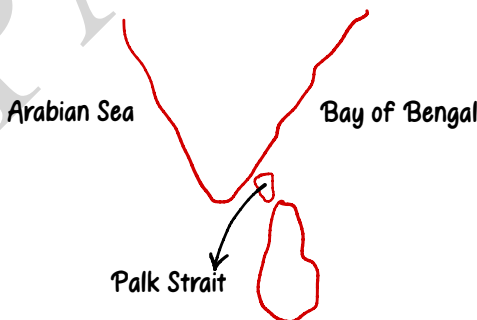
Aru	Na	Ma	Mi
↓	↓	↓	↓
Arunachal	Nagaland	Manipur	Mizoram

Afghanistan

Ladakh

Sri Lanka and India separated by Palk Strait

↓
a narrow passage of water connecting two seas or two other large areas of water



- **Largest Gulf in the world:** Gulf of Mexico
- **Largest Bay in the world:** Bay of Bengal



- State sharing boundary with maximum no. of state: Uttar Pradesh

↙ ↘
8 states + 1 UT (Delhi)

- State sharing boundary with least no. of states: Sikkim, Meghalaya

↓ ↓
West Bengal Assam

- States sharing boundary with 3 countries:

1. Sikkim (Nepal, Bhutan, China)
2. Arunachal (Bhutan, China, Myanmar)
3. West Bengal (Nepal, Bhutan, Bangladesh)

- 1 UT that shares boundary with 3 countries: Ladakh (Pakistan, China, Afghanistan)

Coastal Boundary of India

- **Total:** 7516.6 km
- **Mainland:** 6100 km
- **States:** 9
- longest coastal boundary of the world: Canada
- India is in 13th position

↓
Gujarat, Maharashtra, Goa, Karnataka, Kerala, Tamil Nadu, Andhra Pradesh, Odisha, West Bengal

- **UTs:** 4

↓
Andaman and Nicobar Island, Lakshadweep, Daman and Diu, Puducherry

Longest coastline in India: Andaman and Nicobar (1912 km)

├── State: Gujarat (1214 km)
└── UT: Andaman and Nicobar (1912 km)

- Shortest coastline: Goa

Territorial Limit of India

- 12 nm = 22 km
 - Contiguous zone = 24 nm
 - Exclusive Economic Zone: 200 nm
- To measure coastline
- ↓
Nautical miles
- 1 nautical mile = 1.852 km

- India is lying entirely in: Northern Hemisphere
- India can be divided into 6 physiographic regions:
 1. Himalaya
 2. Peninsular Plateau
 3. Northern Plain
 4. Desert
 5. Island
 6. Coastal Plains
- India is 7th largest in the world
- India is bounded by the young fold mountains in the northwest: Himalayas
- Andaman and Nicobar is located on the Eastern Coast of India
- Gulf of Mannar (b/w India and Sri Lanka): Indian Ocean
- Languages of countries
 - Sri Lanka: Sinhala/Tamil
 - Maldives: Dhivehi
 - China: Mandarin
 - Bhutan: Dzongkha
- The place situated on three seas: Kanyakumari



- Sites located on the hills near the Brahmaputra valley on the way to China and Myanmar: Daqian Hading → Jadeite stone is found here
- Line that separates Pakistan and Afghanistan/India and Afghanistan: Durand Line
- Afghanistan capital: Kabul
Official languages: Pashto and Dari
- Two neighbouring islands of India: Sri Lanka and Maldives
- Water Treaty signed b/w India and Pakistan in year 1960: Indus Water Treaty
- Hill pass located between India and China: Karakoram Pass
- Havelock Island: Andaman and Nicobar Islands
- State capital located 530 meters above the sea level b/w 93 East longitude and 27 North latitude: Itanagar
- City situated along the Coromandel Coast: Tuticorin
- Bordered by Bhutan and Arunachal in the North, Nagaland and Manipur to the East, Meghalaya, Tripura, Mizoram and Bangladesh to the South, West Bengal to the west: Assam
- Total area of the state Goa: 3702 km²