


## Map Class 05

11th May, 2024 at 5:00 PM

### THE CLASS STARTED WITH A BRIEF REVIEW OF THE PREVIOUS CLASS: (05:15 PM):

- Ulawun Volcano: In Papua New Guinea.

### **ISTHMUS, STRAIT, CHANNEL:** (05:20 PM):

- The channel is always navigable.
- Gulf: This is the elongated water body.
- Bay: It is the part of the land.
- Isthmus of Panama: Connects N. America and S. America.
- Isthmus of Suez: (Generally we make canal on Isthmus.)
- Isthmus of Kra: (connecting Thailand and Malaysia)
- Isthmus of Parakop: Between Crimea and Ukraine.
- Peninsula: Land covered by water from 3 sides. through water.
- Alaska Peninsula. -> Florida Peninsula.
- Mexico Peninsula.
- Baja Peninsula. (lower California)
- Yucatan Peninsula: Famous for Karst topography. (part of Mexico near Belize)
- Valdes Peninsula. (lowest point of S.America)
- Iberian Peninsula. -> Scandinavian Peninsula.
- Jutland Peninsula: Near Denmark.
- Korean Peninsula. 
- Cape York Peninsula: Famous for Bauxite reserves, Weipa
- Darian Gap:
- Cape: It is the edge of a land.
- Cape Horn: Southernmost tip of South America in Tierra del Fuego.
- Cape Canaveral: Southernmost point of n. America, John F Kennedy Space Center is located here.
- Cape Verde. (Cape Verde island near this is an independent country.)
- Cape Agulhas.
- Cape of Good Hope.
- Cape York. (Australia)

- **Islands:**

- Greenland is the biggest island.
- New Guinea.
- Bornea.
- Madagascar.
- Buffin Island in Canada.

According to the order from Bigger to Smaller.

- Grand Banks in Newfoundland are famous for their fishing grounds.

- Long Island: New York is situated on this island.

- Galapagos Islands. (Ecuador)

-> St. Helena and Ascension islands in Atlantic ocean are important because ships use to take rest here. Both belongs to UK.

- Ushuaia.

- Falkland Island: Belong to Argentina but controlled by the UK.

- **Mediterranean Island:** (see in Europe physical)

- Balearic Islands.

- Sardinia Island.

- Corsica Islands.

- Sicily Islands.

-> Corfu belongs to Greece. It is very famous tourist destination.

- Malta Island.

- Crete Islands.

- Cyprus Islands. (Independent country near Turkey)

- **Islands in the Indian Ocean:** (can ask from North to South and vice versa)

- Socotra Island.

-> Lakshadweep.

- Maldives Islands.

- Seychelles Islands.

- Comoros Islands.

- Mauritius Islands: Agalega Islands

- Reunion Islands (part of France). (from which Deccan traps emerged)

- Assumption Islands.

- Diego Garcia. (part of Chagos Archipelago)

- Cocos Islands. (Coco island is different, it is part of Andaman island and Cocos island is different.)

- Paracel Islands, Spratly Island, and Scarborough Shoal, Natuna island. (islands of South China Sea)

- Senkaku Island: Disputed between China and Japan, controlled by Japan.

- Kuril Islands. (disputed between Japan and Russia)

- Gulf of Tongking: Gulf between Vietnam and China.

- Bay of Fundy (USA): Known for the highest tidal range in the world.

-> Bougainville island (near Solomon island) is part of Papua New Guinea and asking for independence.

-> Guantanamo Bay is geographically part of Cuba but controlled by USA and here USA made detention center to torture criminals since it is not allowed in mainland.

-> Gulf of Carpentaria (Australia)

-> Bay of Plenty and Bay of Scarcity (New Zealand).

from  
West to  
East

N to  
S

## **STRAITS: (06:00 PM):**

- **Important Straits:**
- **Magellan Strait:** Connects Pacific & Atlantic oceans.
- **Strait of Gibraltar:** The strait lies in the territorial waters of Morocco, and Spain.
- **Strait of Dardanelles:** Sea of Marmara & Sea of Aegean.
- **Strait of Bosphorus:** Connects the Black Sea to the Sea of Marmara.
- **Kerch Strait:** Connects the Black Sea with the Sea of Azov.
- **Dover Strait** connects the English Channel with the North Sea.
- **Bab-el-Mandeb.**
- **Strait of Hormuz.**
- **Palk Strait.**
- **Strait of Malacca:** It connects the Andaman with the South China Sea.
- **Strait of Johor:** Separates Singapore & Malaysia.
- **Sunda Strait:** Separates Java & Sumatra.
- **Taiwan/Formosa Strait:** Separates Taiwan & China.
- **Korea Strait:** Between Japan & South Korea.

## **ECONOMIC LOCATIONS: (06:24 PM):**

### **1) Important Transportation Networks:**

- **Highways:**
- 1.1) **Pan-American Highway:** From **Prudhoe Bay** to **Ushuaia** it connects North and South America. (except Darien gap)
- 1.2) **Trans African Highway Network.**
- 1.3) **Asian Highway Network:** From Tokyo to Istanbul, the project is supported by the **ADB** and UNESCAP.
- The longest is **Asian Highway 1.**
- 1.4) **INSTC (International North-South Transport Corridor):** Primarily aims for goods transportation. (includes roads, railways and ships)
- 1.5) **One Belt One Road (OBOR).**
- **Global Gateway Initiatives.** (proposed by EU to counter China's BRI)
- 2) **Trans-Siberian Railways:** From St. Petersburg to Vladivostok.
- **Important Canals:**
- **Suez Canal.** (length is 193km, it is along Port Suez to Port Said)
- **Panama Canal:** Connects the Pacific Ocean with the Caribbean Ocean.

-> **Three seas initiative.** (includes road connectivity between Adriatic sea, Black sea and Baltic sea)

-> **Main canal connects Danube river with Rhine river and hence provides connectivity from Black sea to North sea.**

-> **Volga river drains into Caspian sea and Don river drains into Sea of Azov and Volga-Don canal connects both the rivers and hence provides connectivity from Caspian sea to Sea of Azov.**

-> **Wakhan corridor in Afghanistan has border with India (PoK), Pakistan, Tajikistan and China.**

-> **India's border length with -**

- > Bangladesh - 4000km
- > China - 3500km
- > Pakistan - 3300km
- > Nepal - 1700km
- > Myanmar - 1650km
- > Bhutan - 700km
- > Afghanistan - 100km

**Neighbours with Exclusive Maritime boundary -**

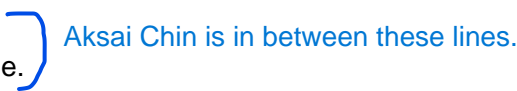
- > Maldives
- > Sri Lanka
- > Indonesia
- > Thailand

K2 or Godwin Austin is the highest point of India. (in PoK)

Kanchanjunga is in Sikkim.

Lowest point of India is Kuttanad in Kerala and it is almost 2m below MSL. (Kuttanad is also known for rice cultivation)

## INDIAN GEOGRAPHY MAPPING: (07:08 PM):

- **Political:**
- Durand Line: Separates Afghanistan & Pakistan. Also, it separates Afghanistan & India.
- **Radcliffe Line:** Between India & Pakistan. Also, between India & Bangladesh.
- Macmahon Line: Between Tibet & India.
- Aksai Chin is surrounded between two lines:
- Johnson Line: India recognizes this line.
- Macdonald Line: China recognizes this line.  Aksai Chin is in between these lines.
- **Indira Col:** India's northernmost point.
- **Indira Point:** Southernmost point of India.
- **Cape Comorin:** Southernmost point of mainland India.
- **Kibitu Town:** Easternmost point of India.
- **Sir Creek:** Westernmost point of India.
- Northernmost union territory: Ladakh.
- Mt. Godwin Austin (K2): highest point of India.
- The lowest point in India is Kuttanad in Kerala known for farming **rice in saline water.**
- **Latitudes of Different Indian Cities:**
- Ahmadabad, ~~Jodhpur~~ <sup>Surat</sup>, Mumbai and ~~Islamabad~~ <sup>Jaipur</sup> lie on the same longitude.
- Srinagar, ~~Jammu~~, Amritsar, ~~Ajmer~~, ~~Belgam & Mangalore~~ <sup>Jaipur</sup>.
- Manali, Shimla, New Delhi, Bhopal, Bangalore, and Kanyakumari lie on the same Longitude.
- Kanpur and Chennai are on the same longitude.
- Lucknow & Vijayawada are on the same longitude. -> Patna and Ranchi on same longitude.
- Varanasi & Vishakapatnam on same longitude.
- **Gangtok, Kolkata & Dispur, Shillong, Aizwal & Port Blair** are on the same longitudes.
- The Tropic of Cancer passes through these 8 states in India: Gujarat, Rajasthan, Madhya Pradesh, Chattisgarh, Jharkhand, West Bengal, Tripura, and Mizoram.

## TOPICS OF THE NEXT CLASS: Continuation of India Mapping, etc.

- > Jaipur, Agra, Gorakhpur, Lucknow and Guwahati are on same latitude.
- > Surat, Nagpur and Raipur - same latitude.
- > Mangalore, Bangalore and Chennai - same latitude.
- > Kandla, Ahmedabad, Ujjain, Bhopal, Jabalpur, Ranchi and Kolkata are towards south of Tropic of Cancer.
- > Agartala and Aizawl are towards north of Tropic of Cancer.
- > Indian Standard Time (IST) line passes through UP, MP, Chattisgarh, Odisha and AP.  
IST and Tropic of Cancer meet at Chattisgarh.
- > UTs - Andaman and Nicobar, Lakshadweep, Puducherry, Daman and Diu, Dadra and Nagar Haveli, National Capital Territory, Chandigarh, J&K and Ladakh.
- > Puducherry has 4 parts -
  - > Puducherry and Karaikal (in Kaveri Delta) in Tamil Nadu.
  - > Mahe in Kerala.
  - > Yanam (in Godavari Delta) in AP.
- Similar to Delhi it has legislature and has CM.
- > Diu is an island, Daman is in Gujarat near coast, Dadra is an enclave in Gujarat and Nagar Haveli is in between Gujarat and Maharashtra.