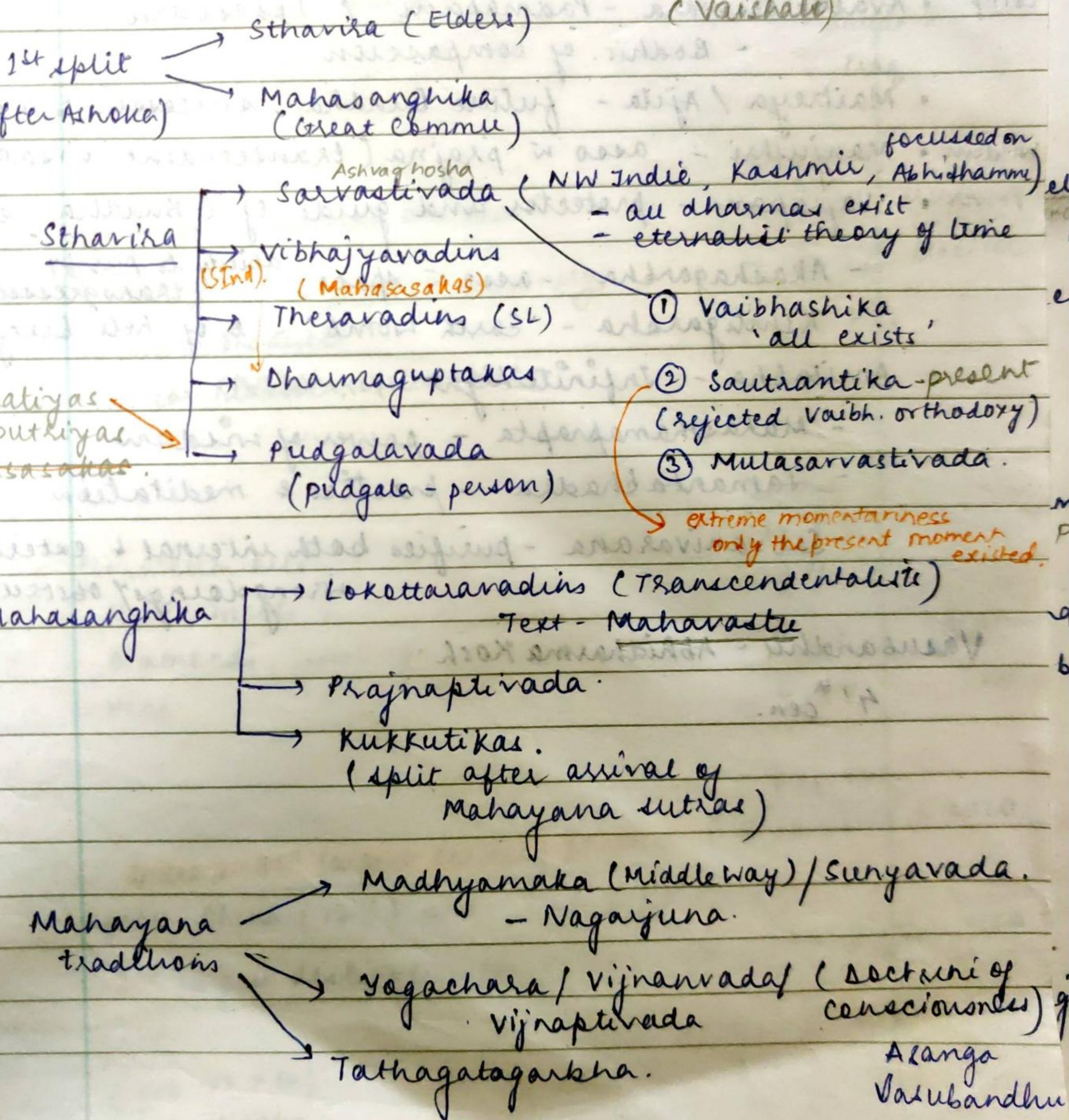


BUDDHISM

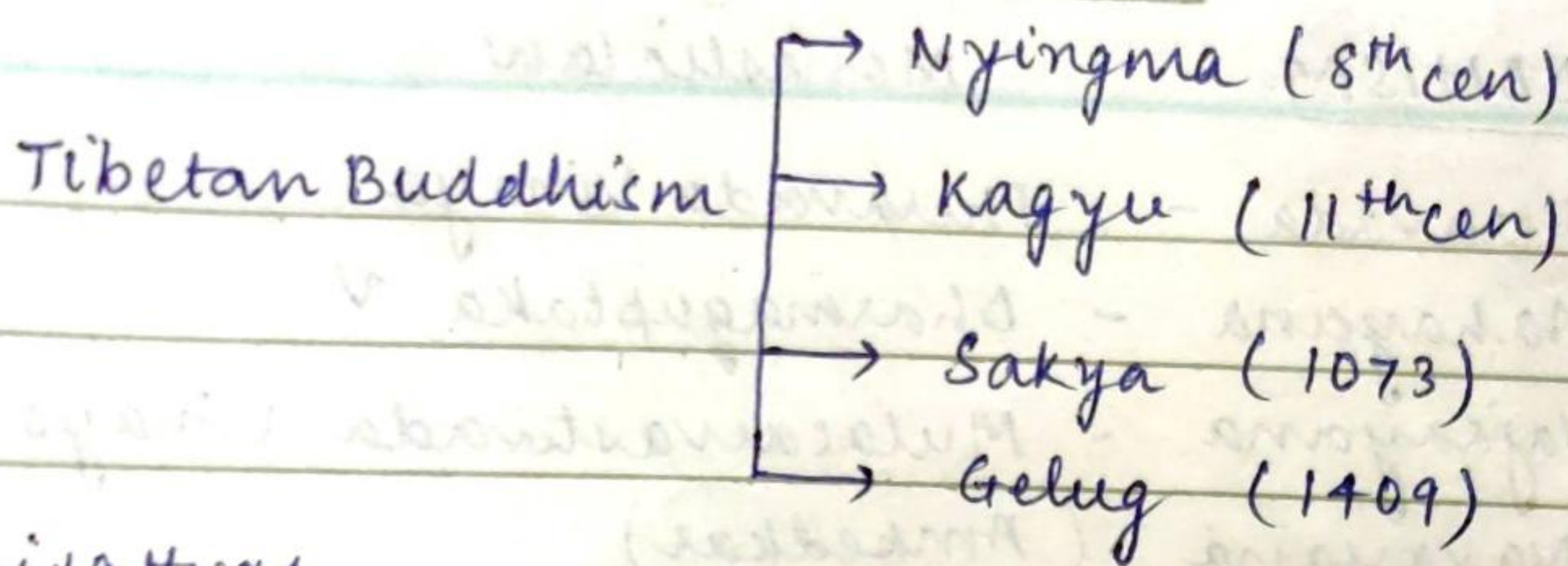
Monastic law

S. Lanka, SEA

- Theravada - Theravada Vinaya
- E. A. Mahayana - Dharmaguptaka V.
- Vajrayana - Mulacaravastivada Vinaya.
- Navayana (Ambedkar)



Sects



Bodhisattvas

- Comp. • Avalokitesvara - Padmapani / Lokeshvara.
- Bodhis. of compassion
- Wisdom • Maitreya / Ajita - future Buddha, successor to G. Buddha.
- Power • Manjushri - asso w prajna (transcendent wisdom)
- Power • Vajrapani - protector and guide of G. Buddha. energy
- Akashagarsha - asso w space, ability to purify transgressions
 - Kshitigarsha - 'Earth Bomb' - b. of hell-beings
- Amitabha - Infinite Light / wisdom
- Mahasthamaprapta - power of wisdom
 - Samantabhadra - practice & meditation
 - Sarvanivarana - purifies both internal & external wrongdoings / obstructions.

Vasubandhu - Abhidharma Kosha.

4th cen.

Kalidasa

JAINISM

Regional lineages - Bhattacharya

Digambara - 3 monastic lineages

↳ Lay sects - Taranpanth,

Terapanth, Bispanth, Mulasangha.

Shantisagar Sakshin
"Chari"
Muni Adi Sagar

Svetambara

Source: Sthaviravali
(Kalpasutra)

obsoleted ^{sect} ~~text~~: Yapaniya.

Murti pyak

Sthanakvasi

Terapanthis

Kadugachha, Lonkagachha.

Deravasi

Kanjipanth.

TRADE STATS 2020

EXPORTS \$275 bn

Overall commodity exports ↓ by 14.7%
(v/s 2019)

Top export destinations

- 2019
- ① USA ① (18%) 49 bn US\$
 - ② China ③ (6.7%) 19 bn US\$
 - ③ UAE ② (6.5%) 18 bn US\$
Hong Kong
Singapore
Bangladesh.

Structure

- 10% - Mineral fuels, mineral oils etc.
- 8.9% - Jewellery
- 6.7% - Pharma products
- 6.5% - Nuclear reactors, boilers, parts

Items

- 9.5% - Petroleum oils
- 6.03% - Medicaments
- 5.5% - Diamonds, Jewellery
- 2.9% - Rice

IMPORTS \$367 bn

Overall commodity imports ↓ by 23%
(v/s 2019)

Top import sources

- More than 213
- ① China (16%) \$58 bn
 - ② USA (7.2%) \$26 bn
 - ③ UAE (6.5%) \$23 bn
Saudi Arabia
Iraq.

Structure

- 28% Mineral fuels, oils
- 11.5% Electrical machinery
- 11.1% Jewellery

Items

- 17.5% - Petroleum oils products
- 6% - Gold
- 4.3% - Diamond
- 4.3% - Coal, briquettes

\$76.4 bn

- ④ EU is India's 3rd largest trading partner (€62.8 bn) in 2020
after China (12%) and USA (11.7%)
2nd largest destination for Indian exports (14%) after USA.

OVERALL TRADE

- ① China (USD 77.7 bn)
Trade gap - \$40 bn
- ② USA \$75 bn
- ③ UAE \$41 bn
- UK - \$12.4 bn

• Africa - India - 3rd largest trading partner
\$77 bn (2018)

- Bangladesh \$9.5 bn
- Nepal \$8.7 bn (2018-19) - deficit \$7.6 bn

Great Plains

Longitudinal

- ① Bhabar - foothills of Shivaliks (Indus → Jista river)
- ② Terai - porous & pebbled plain, alluvial fans
- ③ Bhangar - river reappear
- ④ Khadar - old alluvial soil.
 - new alluvial soil.
 - called bet - in Punjab.

→ Barind field - Ganga delta regions of Beng.

- area of laterite soil after erosion

→ Bhur area - upper Ganga Yamuna doab.

- deposition by wind

- salt layer - Kallar/Reh

Horizontal/Transverse

- ① Indus plain - Plains west of Indus - Bhangar narrow depressions → dhores saliferous lakes → dhand

- ② Punjab plains - Bhangar + Khadar (bet)

- ③ Rajasthan plains - Luni

- ④ Ganga - UP, Bihar, WB.

Reharkhand

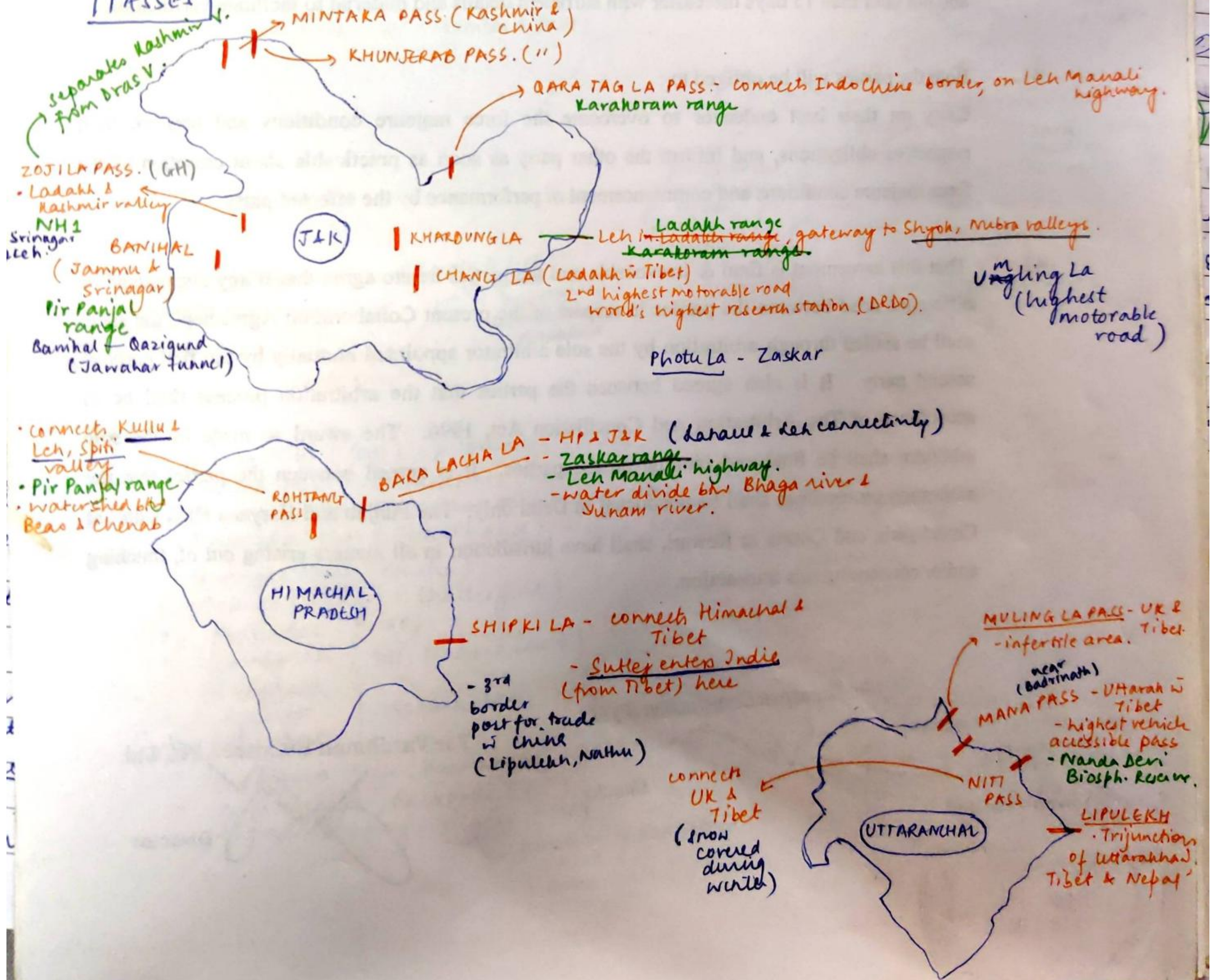
Awadh.

- depressions - Talla/Tal

- lowland filled w water - bil.

- ⑤ Brahmaputra plain - alluvial fans. - Majuli island

PASSES



DONGKHA LA - Sikkim w Tibet
source of Teesta river



NATHULA - connects Sikkim w Tibet
- only Ind citizens allowed - reopened in 2006, ancient silk route

JELEP LA - Sikkim Bhutan border, connects Sikk w Tibet
on route - conn. Lhasa to India.
- Menmecho Lake

'lovely level pass'

YONGGYAP PASS - connects A.P. w Tibet
- Brahmaputra enters India

DIHANG - India w Myanmar.

DIPHULA
- A.P w China & Myanmar trijunction.
- McMahon Line



BOM DI LA
- AP w Tibet
- Dalai Lama ent. India

Diphu pass
Trijunction
(India, China, Myan)

THALGHAT (Nasik & Mumbai)
BHORGHAT (Mumbai & Pune)

PALGHAT - (Kerala & T.N.)
(Nilgiri & Anaimalai)
Coimbatore w Palakkad
SENKOTA PASS
(Thiruvananthapuram & Madurai)
(btw Nagarcoil & Cardamom Hills)

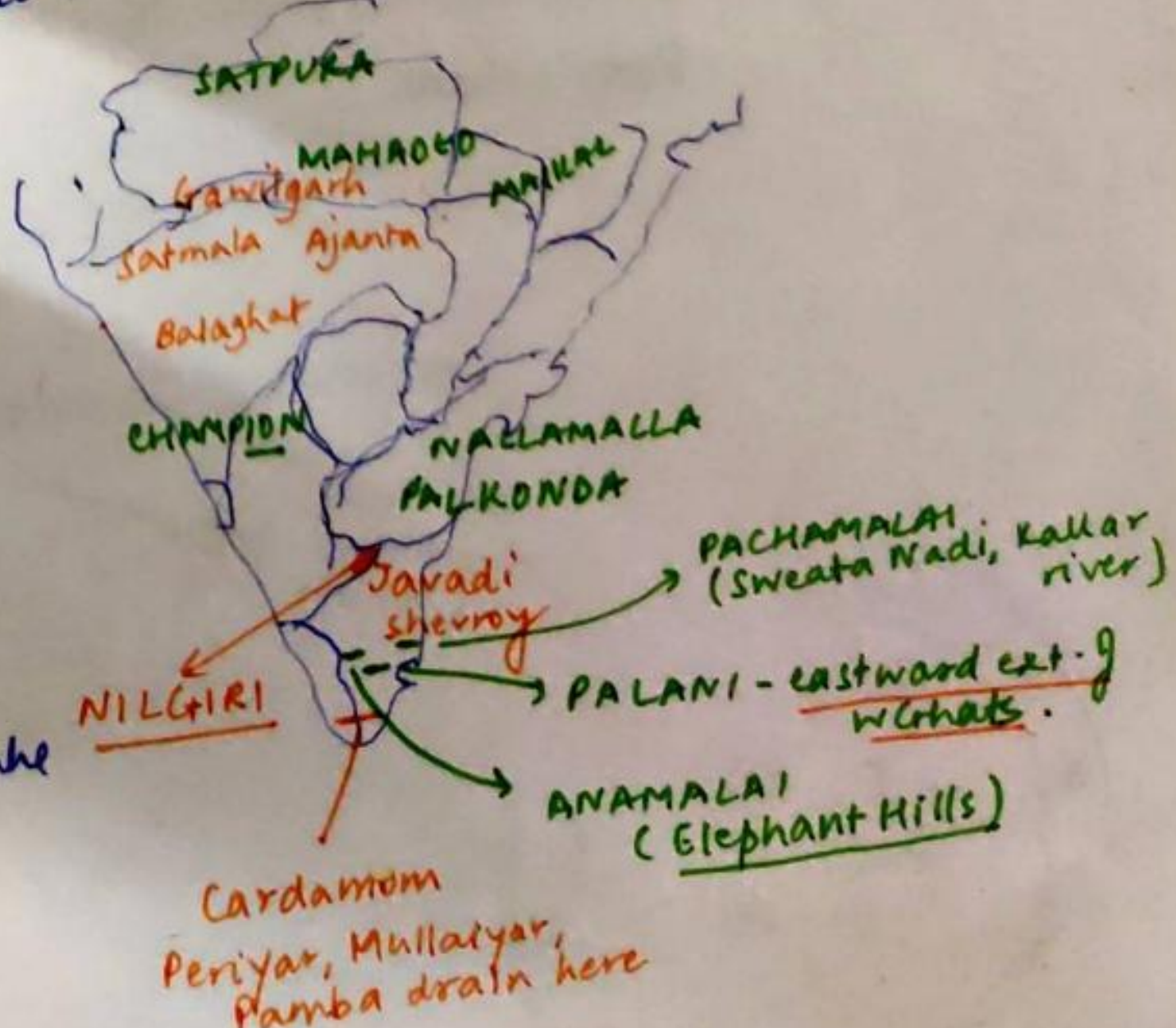
drained by Dibang
MIRI
ABOR
MISHMI
DAFLA
MIRI
PATILABUM (A.P.)
Karb Anglong pl.
South of Kaziranga NP.
NAGRA
East Manipur
Laimatol range
MIZO HILLS / Lushai
(part of Patkai range, partially falls in Tripura).
Purvanchal

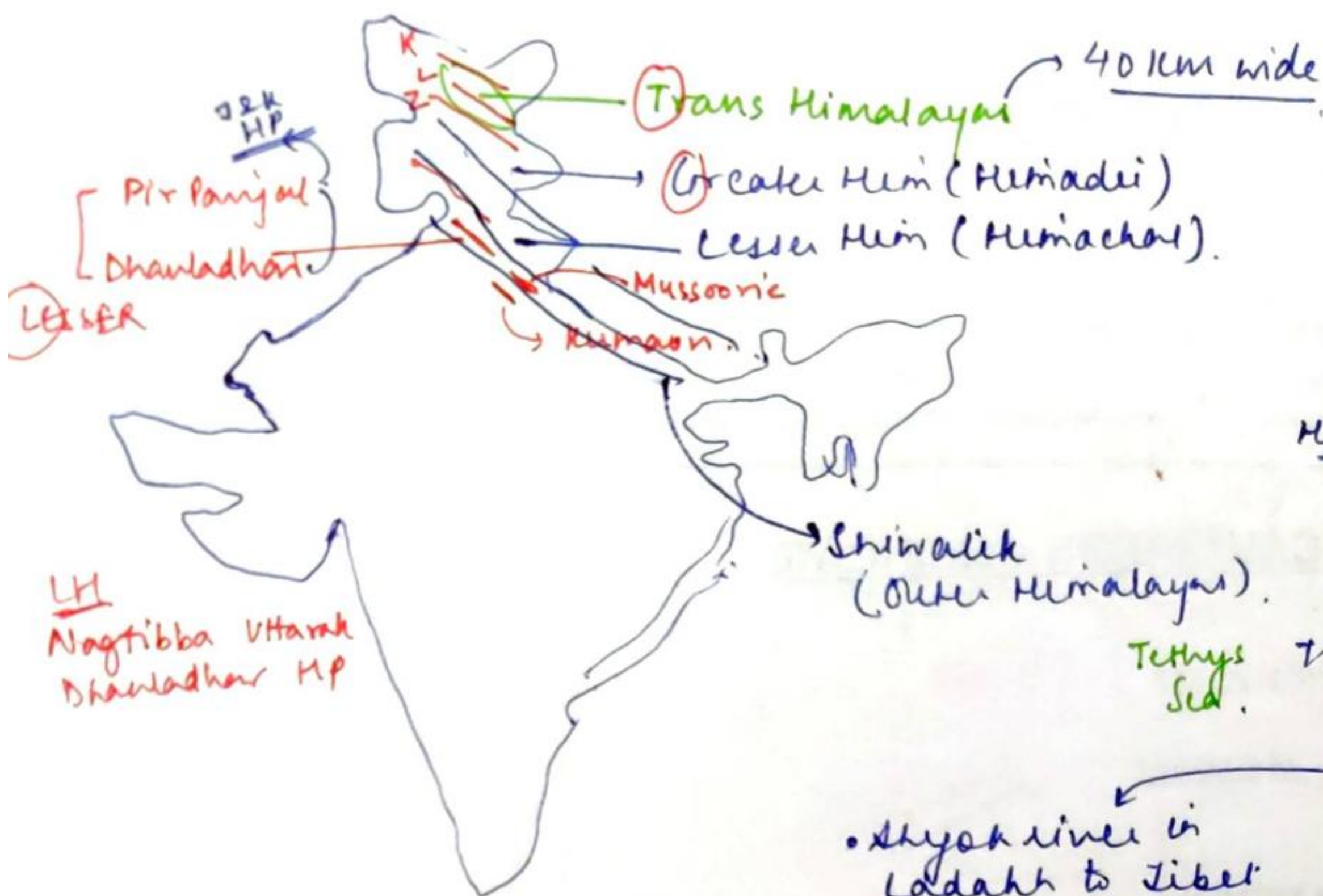
part of peninsular plat.
cause funneling effect
heavy rainfall

- Girnar Hills (Guj) - pilgrimage (Jains, Hindus)
- (S) Dalma Hills (Jamshepur, Jharkhand) - near Dalma ws minerals -> Iron ore, manganese.
- (N) Rajmahal Hills (Jharkhand) - lava basaltic rocks, pt. of Ganges bifurcation

- Garhjat Hills (Odisha)
- Maikal range (Chattisgarh)
- Mahadeo (MP)
- Garhjat (MP, Maharashtra)
- Satmala
- Ajanta
- Balaghat

- Champion Hills (Karnataka) - gold mines
- Nallamalla, Palakonda (AP)
- Javadi, Sherry, Nilgiri (TN)
- junction of Karnataka & Kerala (Blue Hills)





Nanga Parbat → Nameche Barwa.

ITSZ

Indus Tsangpo Suture Zone

South of ITSZ → Greater Himalayas.

Himalayas

- collision b/w Indo Austr. plate & Eurasian plate
- 9/10 highest peaks on Earth.

Tethys Sea.

Trans H

- Karakoram
- Ladakh
- Zaskar.

120-140 km. Godwin Austen (K2) - 2nd highest peak in world.

• Gilgit Baltistan (Pak), Xinjiang (China), Ladakh (India)

• Siachen, Biafo glacier, Pamir moun. Gilgit, Indus & Shyok rivers

- Shyok river in Ladakh to Tibet
- Leh lies here
- Mt Rakapshi (highest peak)
- Kailash range (China)
- Khardung La.

- Highest peak - Kamei
- Dhar.
- Lipulekh pass
- Nanga Parbat

Great Himalayas

- most continuous.

Kashmir valley 6000 m

Himachal ~ 3700 - 4500 m.

Duns - Pir Panjal and Dhauladhar.

Shivalik (Marak Parbat)

- ↳ Jammu Hills
- ↳ Duddhwa range.
- ↳ Dargiling Hills
- ↳ Dofla Hills
- ↳ Miri, Abor, Mishmi

Regional division

Indus	Pir Panjal H	Kumaon	Nepal/Central	Assam/Eastern	Diphu pass.
	- Kashmir HP	Uttarakhand	tallest	Patkai Hills	
		↳ Ganga, Yamuna		Naga	Boahm pulva.
		- Duns.		Kohima	
				Mamip	
				Mizo Hills	
				Tripura	

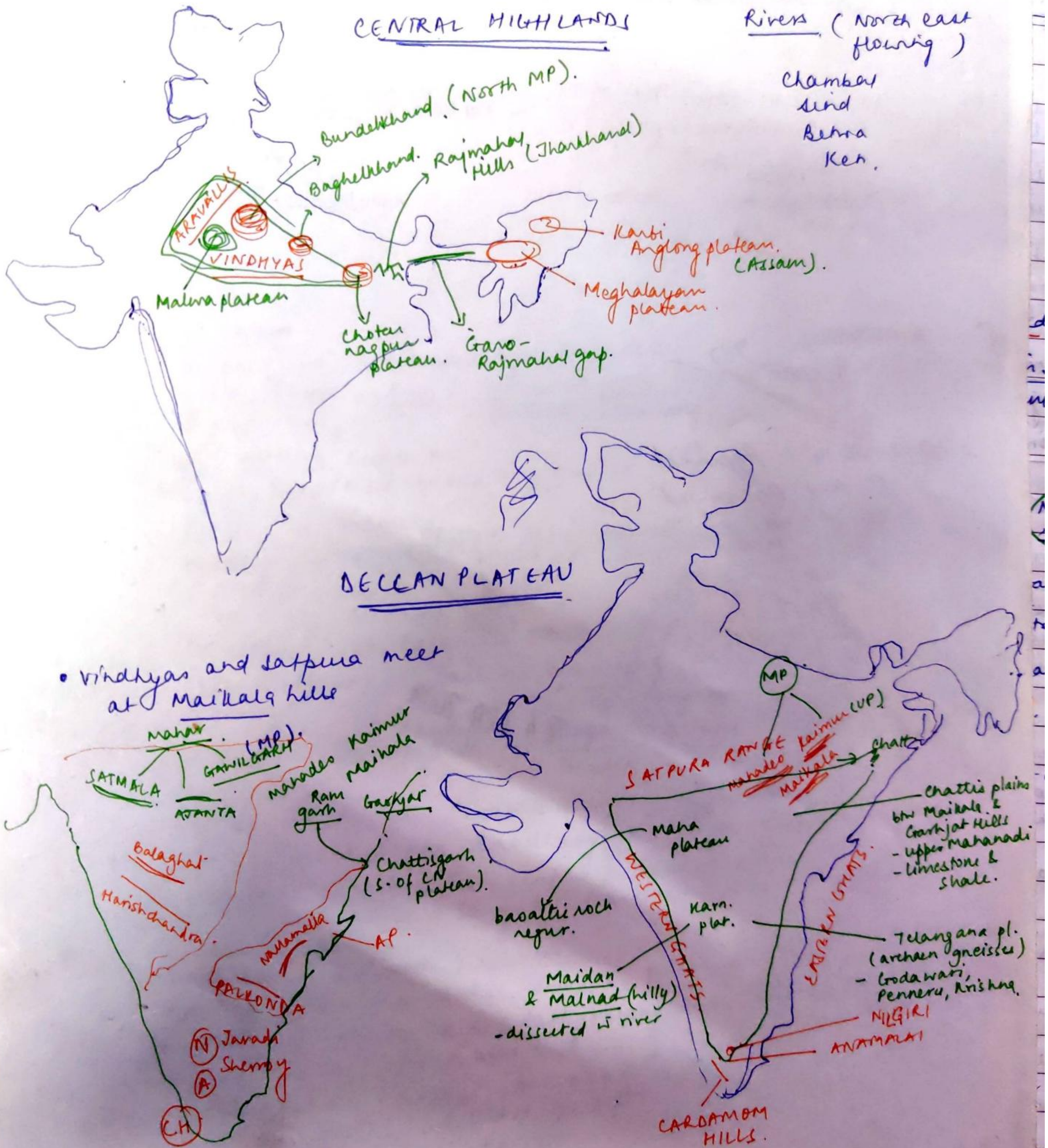
LOCATION : INDIA

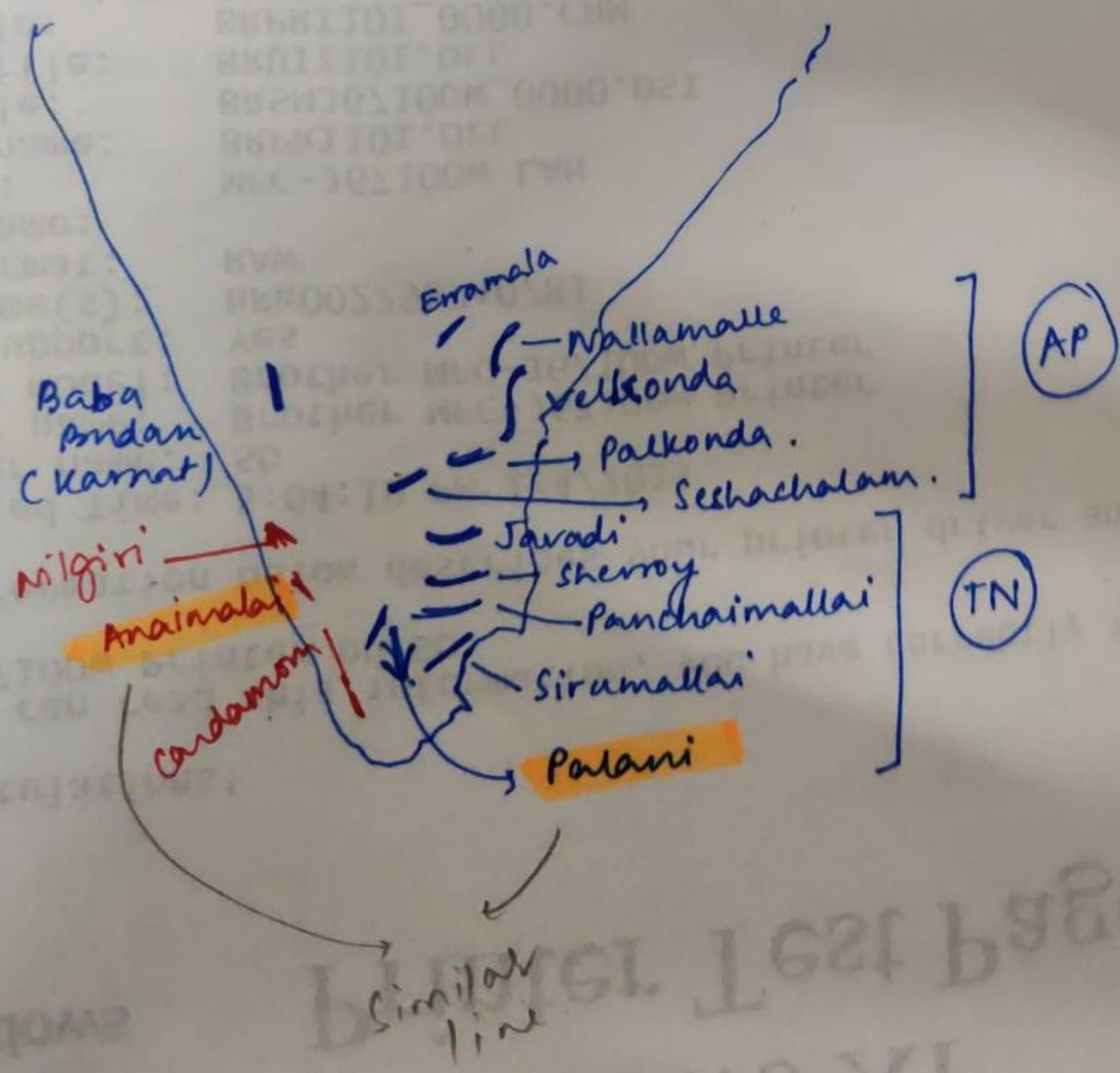
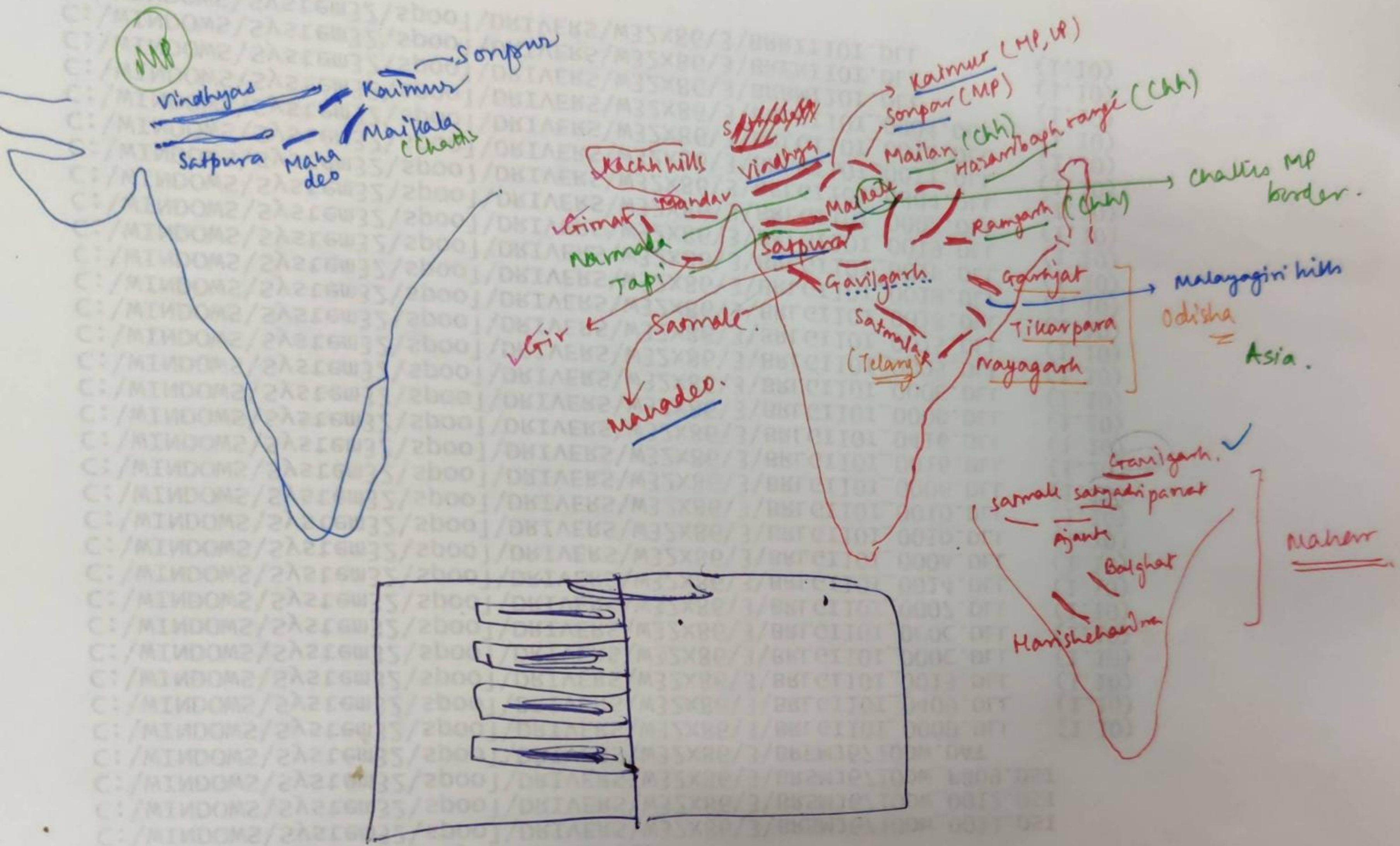
8°N - 37°N

68°E - 97°E

Tropic of Cancer - Gujarat, Rajasthan, Madhya Pradesh, Chhattisgarh, Jharkhand, WB, Tripura, Mizoram.
- Ranchi > Gandhinagar > Bhopal

82°30'E - UP, MP, Odisha, Andhra





(E) ^{Tu} NALLA Vella
PAR Kojhi sache Hai
NAGARI

JUST SHUT UP NO Nilgiri
STAN PLEASE

Chambal
Gandhi
sagar dam

Buddh monas

- Rumtek - Sikkim (Gangtok)
- Hemis - India (Ladakh) - Guru Padmasambhava.
- Tabo - Spiti Valley (HP)
- Tsulglagkhag - H.P. (Sharamthale)
- Thiksey (Ladakh) - Gelug sect - Potale Pal (Tibet) ^{Chasa}
- ★ Tamarg (AP) - largest monast in India; Bomdila
- Bylakuppe - Mysore (Karnataka)
- Shashur (H.P.) - Sugga
- Mindrolling - TIBET
- Ghum (West Bengal) - 15ft statue - Maitreya.
- Kye Gompa Mon (Spiti)
- Lingdun (Sikkim)
- Alchi Gompa (Leh)
- Shankar [Leh]
- Spituk [Leh]
- Matho [Leh].
- Nako (HP)

- (Andhra)
- Bojjanagonda & Lingalmetta.
- Meghalamai / Santapuri (WB)
- Kirti Jheypa (HP)
- Lamayuru / Yungdung (Ladakh)

MAP WORK



- Andaman & Nicobar
- West Asia
- Physical feature
- Geopolitics + C. Affairs
- Biosphere Reserves
- Alignment of cities

classmate

Date _____
Page _____

- Seas and Coasts
- Northeast India

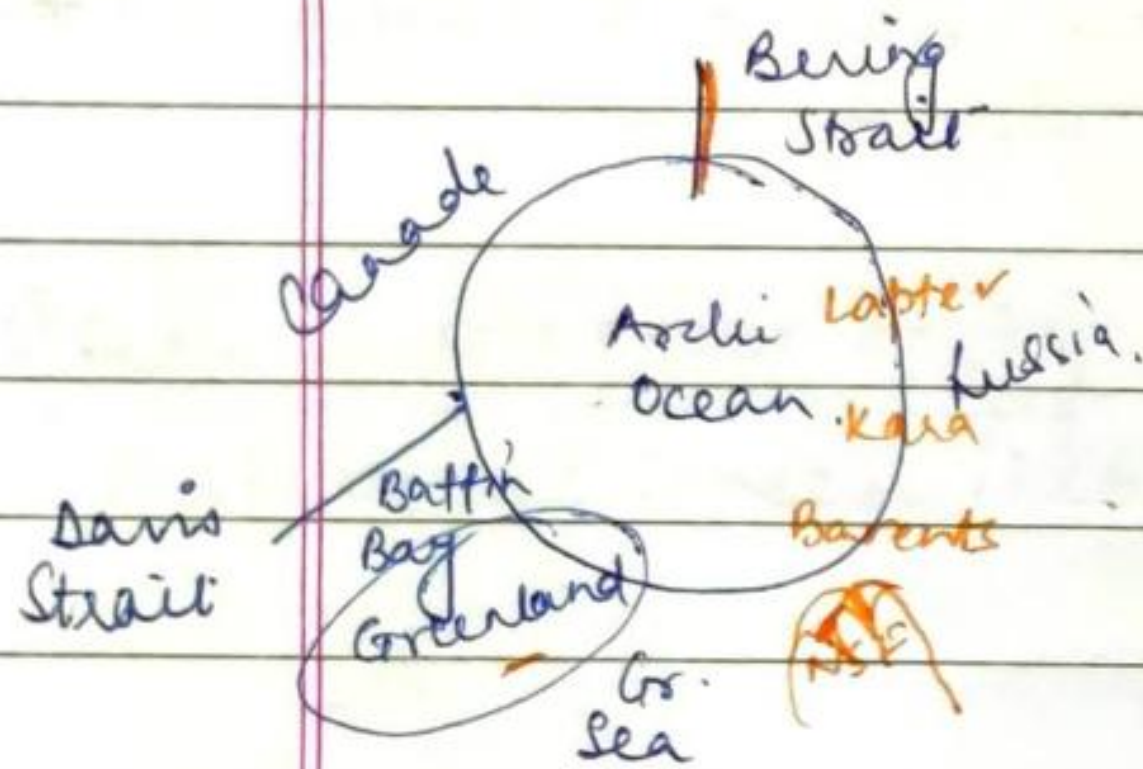
Session (2)

Arctic Ocean

- Size
- 1 Pacific - Δ shape
 - 2 Atlantic - S shape
 - 3 Indian
 - 4 Southern (2000)
 - 5 Arctic Ocean

- Lakes > Soil moisture > Atmosphere > Rivers
- 94% of Earth's living species → aquatic
- ~70% of planet's oxygen prod. by ocean.

- smallest & shallowest
- everything north of Arctic Circle
- 1st reached by Robert Peary, Amundsen.
- Siberian Continental Shelf → biggest



8 countries

- Russia ✓
- USA ✓
- Canada ✓
- Greenland (Denmark)
- Iceland ✓
- Norway ✓
- Sweden ✓
- Finland ✓

Ridges

- ✓ Lomonosov Ridge
 - ✓ Alpha Ridge
 - ✓ Gakkel Ridge (Mid-At. Ridge)
- Shelf
- East Siberian shelf (India) ✓
 - Laptev shelf
 - Kara shelf

separate Asia & Europe

Major Islands

- Novaya Zemlya (Russia) continuation of Ural mount.
- Spitsbergen - Svalbard (Norway)
- Greenland (Denmark)
- Canada - Baffin, Victoria, Queen Elizabeth etc.
- Svalbard Global Sea Vault

Passage through Arctic

- Northern Sea Route - Russian side
(Norwegian - Barents, East Siberian - Laptev - Kara)
- Northwest Passage - Canadian side

Resources - 21 mn sq km land, 13 mn ice bound seas

- May hold > 40% of current global reserves of oil and gas; Coal, zinc, silver

Arctic Council, 1991 - 8 countries

Observers: China, India, Korea, Japan, Singapore, Italy etc.

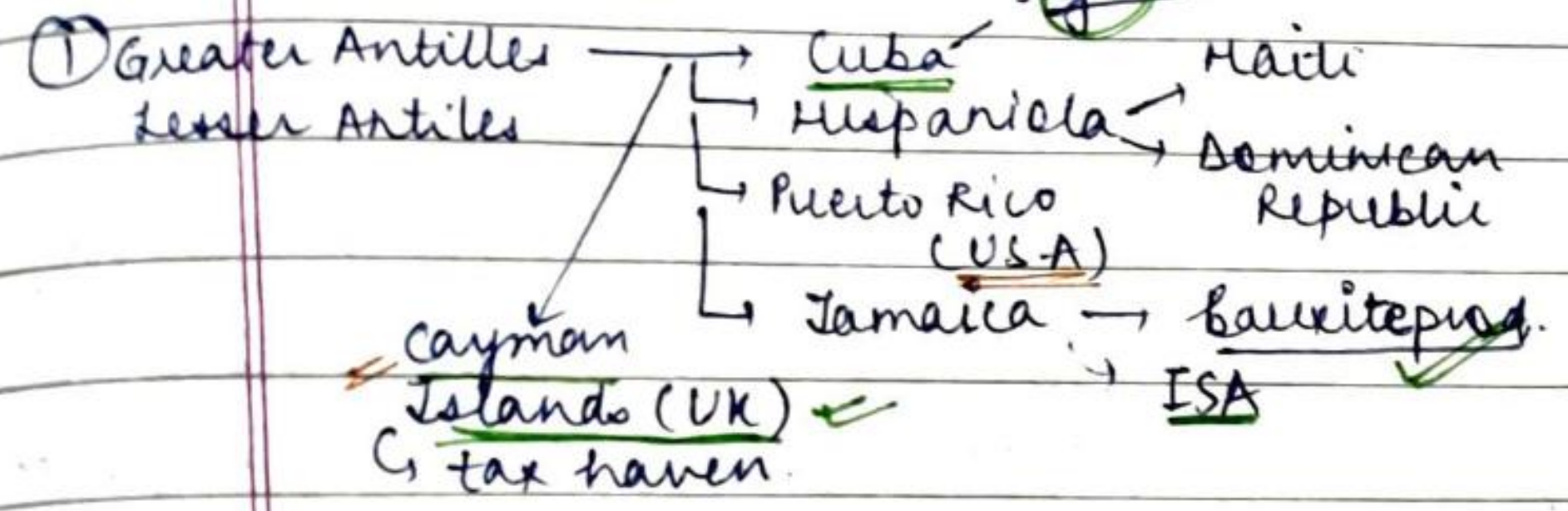
- India - Arctic → India signed Svalbard Treaty - Feb 1920, Paris
- Arctic Research Prog - 2007
- Hindari (July 2008)

- CA
- Kola peninsula (Russia) → Murmansk Port - only ice free port in Arctic Ocean (warm current North Atlantic drift)
 - Russia launches - largest nuclear powered ice breaker → open up shipping routes (Ural, earlier - Arktika, Sibir)
 - Russia launched 1st floating nuclear reactor → Akademik Lomonosov across Arctic from Murmansk

Atlantic Ocean - S shaped ocean → youngest of all major oceans.

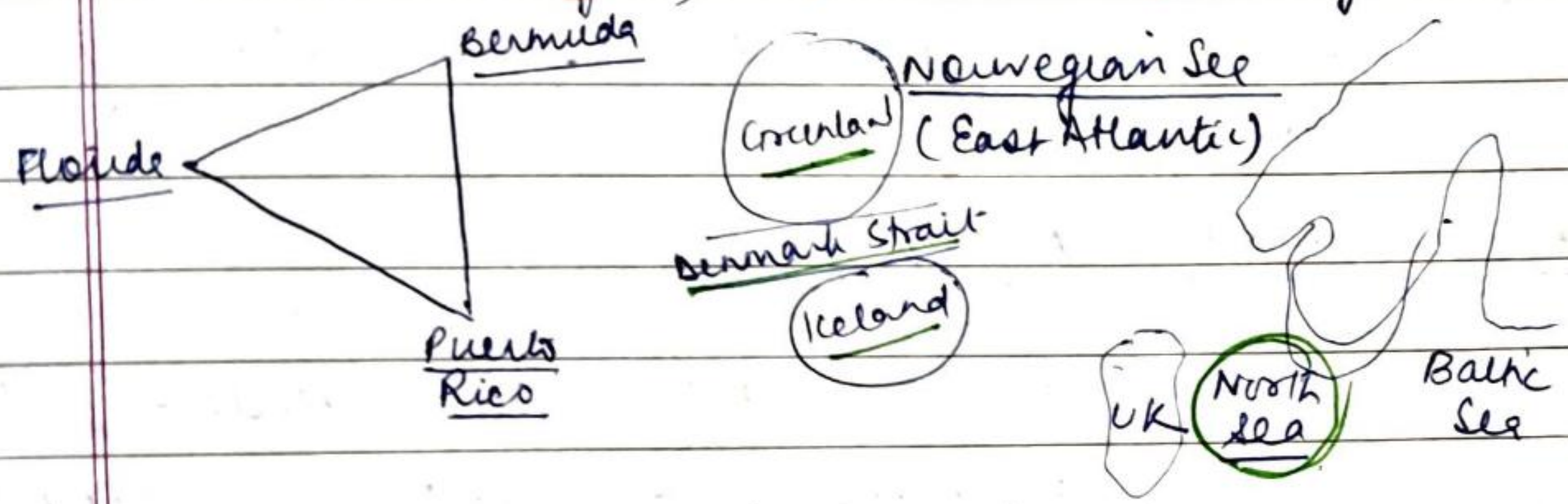
Mid Atlantic ridge → Iceland (N) → Bouvet island (S)
 - Dolphin rise (N. Atlantic)
 - Challenger rise (S. Atlantic)

Caribbean Islands



- Islands
- ✓ Azores island (Port)
 - ✓ Ascension (UK)
 - ✓ St. Helena (UK)
 - Canary Isl. (Spain)
 - Bermuda [UK]
 - Falkland [UK]
 - Tristan de Cunha [UK]
 - S. Atlantic

② Lesser Antilles - Antigua, Barbados, Trinidad & Tobago.

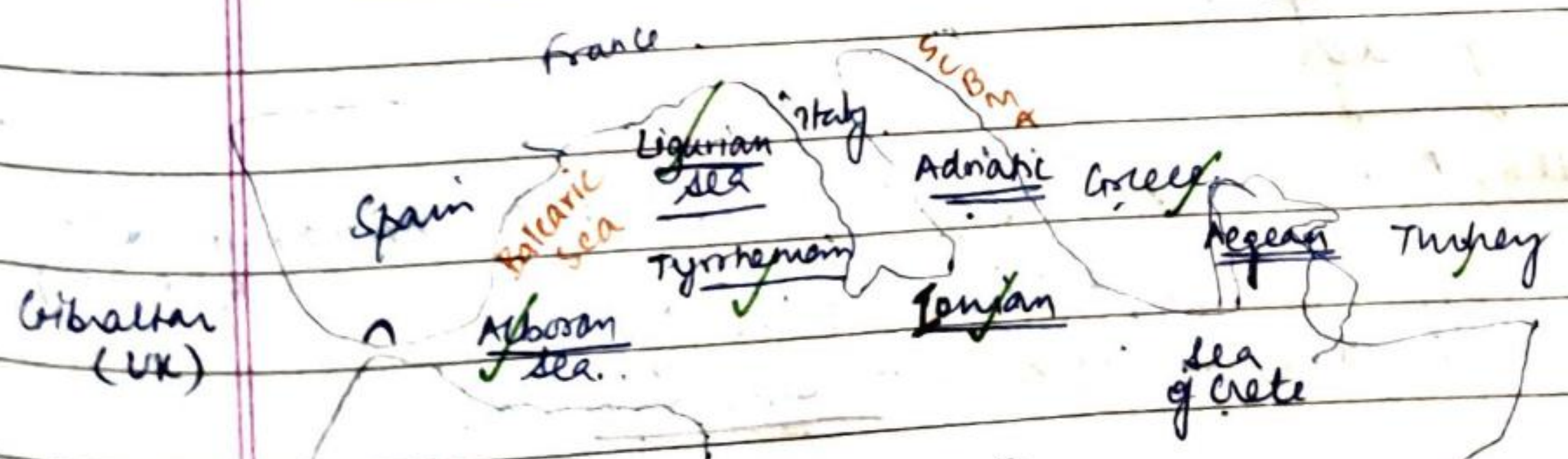


West Atlantic
 Hudson Bay, Hudson Strait, Labrador Sea (E. of Canada)
 Baffin Bay, Davis Strait, Labrador Sea.
 Quebec - City of St. Lawrence.

City of Mexico - Mississippi - bird foot delta.
 ↳ hydrocarbon mining
 North Sea, Norwegian Sea → Brent Crude Oil.
 ↳ Brent
 east of UK.

Fisheries - Grand Banks, Georges Banks (W. Atlantic)
 - Soggy Bank (E. Atlantic)

Mediterranean Sea



- ✓ Balearic Isl. (Spain)
- ✓ Corsica (France)
- ✓ Sardinia (Italy)
- ✓ Sicily
- ✓ Crete (Greece)
- Malta - Indep. nation

Morocco, Algeria, Tunisia, Libya, Egypt; Israel, Lebanon, Syria, Turkey.
 Spain, France, Italy, Slovenia, Croatia, Bos-Her, Montenegro, Albania, Greece

impact of global warming
breaking from Antarctic
Larsen ice shelf

Ronne ice shelf

- oil spill - only of Mexico
- Greenland sale controversy.

classmate

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ANTARCTICA AND SOUTHERN OCEAN.

- 44% of Antarctic coastline bounded by ice shelf.
- connected to Andes of South America by submarine ridge
- Lambert glacier → largest gl. system in the world.
- Highest continent
- More than 30% Antarctic ice → Ross ice shelf.
- Vostok (Russia) → lowest temp - 89°C

Southern Ocean (2000) → south of 60°S

- Kerguelan plateau (submarine plateau) → composed of long hotspot region

② Antarctic Treaty (1961) - int'l governance, scientific cooperation
54 parties - 'scientific preserve'; freedom of scientific investigation, bans any kind of military activity.
Secretariat @ Buenos Aires, Argentina

③ Antarctic & Southern Ocean Coalition (ASOC) - global coalition of env'nt groups.
1978 HQ @ Washington DC.

India's Antarctic mission NEPDR, MoES

1981 - 1st exped.; 1983 - Satish Bahugotra, 1989 - Maiti

2012 - Bharati (Laiseman Hills - East Antarctica)

Current Affairs

→ Ross Sea - world's largest Marine protected area (MPA) - CCAMLR.
(Adelie penguins, killer & humpback whales) (Tasmania, Australia)
Emperor p, seals.

→ Largest volcanic region on Earth - West Antarctic rift system
3500 km.

INDIAN OCEAN avg depth - 4000m (deeper than Atlantic, shallower than Pacific)
3rd largest, 20% of Earth's water.

- includes Red Sea, Persian Gulf, connected to Medit'ean (Suez canal)
- all the ocean lies in Eastern Hemisphere

Ridges

Socotra-Chagos ridge
Seychelles-Mauritius ridge
Madagascar ridge
SW Indian ridge
Mid-Indian Ridge
Carlsburg ridge

→ Kerguelan plateau (hotspot)

→ Tana trench / Lunda

Amsterdam islands

SW Ind ridge

SE Ind ridge

Seas & Gulfs - Red Sea, Persian Gulf, Gulf of Oman, A.S., BoB, Andaman Sea (E of A & N)

① Red Sea - Egypt, Sudan, Eritrea, Djibouti, Israel, Jordan, S. Arabia, Yemen.
divergence.
(Gulfenill ocean)

② Suez Canal (opened up 1869) → Great Bitter Lake.
(N) Port Said → Port Suez (S)

③ Persian Gulf. - hydrocarbon rich.

Iran, Iraq, Kuwait, Bahrain, UAE, SA, Oman.

classmate

Date

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Islands

• Socotra (Yemen)

N Indian Ocean

• Seychelles - Victoria

• Mauritius - Port Louis - BIOT - Diego Garcia

• Reunion (France)

coral islands

• Maldives - Male

8° channel.

• Lakshadweep

• Madagascar

• Comoros

Strait of Hormuz

(Oman & Iran)

Bab el Mandeb

(Djibouti & Yemen)

E Indian Ocean

→ Andaman Is.

Thailand, Myanmar, Indonesia, India

• Sumatra

→ Strait of Malacca

(btw Malay peninsula)

Singapore
Kuala Lumpur

continental
coral
volcanic
islands

A & N Islands 265 (203 And & 62 Nic islands)

✓ 6° 45' N - 13° 45' N

✓ 92° 10' E - 94° 15' E

- Andaman - Arakinyoma mt system → continental islands.

- Nicobar - coral islands.

- Narcondam, Barren - volcanic

Car Nicobar
Nicobar → Little Nico
(St George Coral)
→ Great Nico

• Suncan Passage - btw South Andaman & Little And.

• 10° channel - btw Nicobar

• Port Blair → South Andaman

• Saddle Peak - ~~Car~~ N. Andaman - highest peak

Ross → Base.

Havelock → Imraj

Neil → Shabed.

Lakshadweep

Amindri

Laccadive

Minicoy

8° channel - Minicoy & Maldives

9° channel - " & Kanaratti

Bangaram atoll
- Palati island inundated

Resources • 2/3rd of world's crude passes through I.O.

• Polymetallic nodules - hydrogenous deposits - manganese (30%) nickel, copper, cobalt

• choke points -

• String of Pearls

Chittagong - Hambantota - Gwadar - Malao - Djibouti

(Bangl) (Sri Lanka) (Pak) (Maldives)

- Chagos archipelago (UK)

- claim of Mauritius (1965)

- Diego Garcia - USA 20yr lease

- Djibouti - China military base, USA - Camp Lemonnier ✓
French, Japan, Germany, Italy.



World Heritage Community (Tri of Culture)
ASI, IGN
(Bangl, Iran, Iraq, China, Pak, Malay, Thai, Singap.
Lebanon, Kenya, Egypt, Oman, UAE)

classmate

Date

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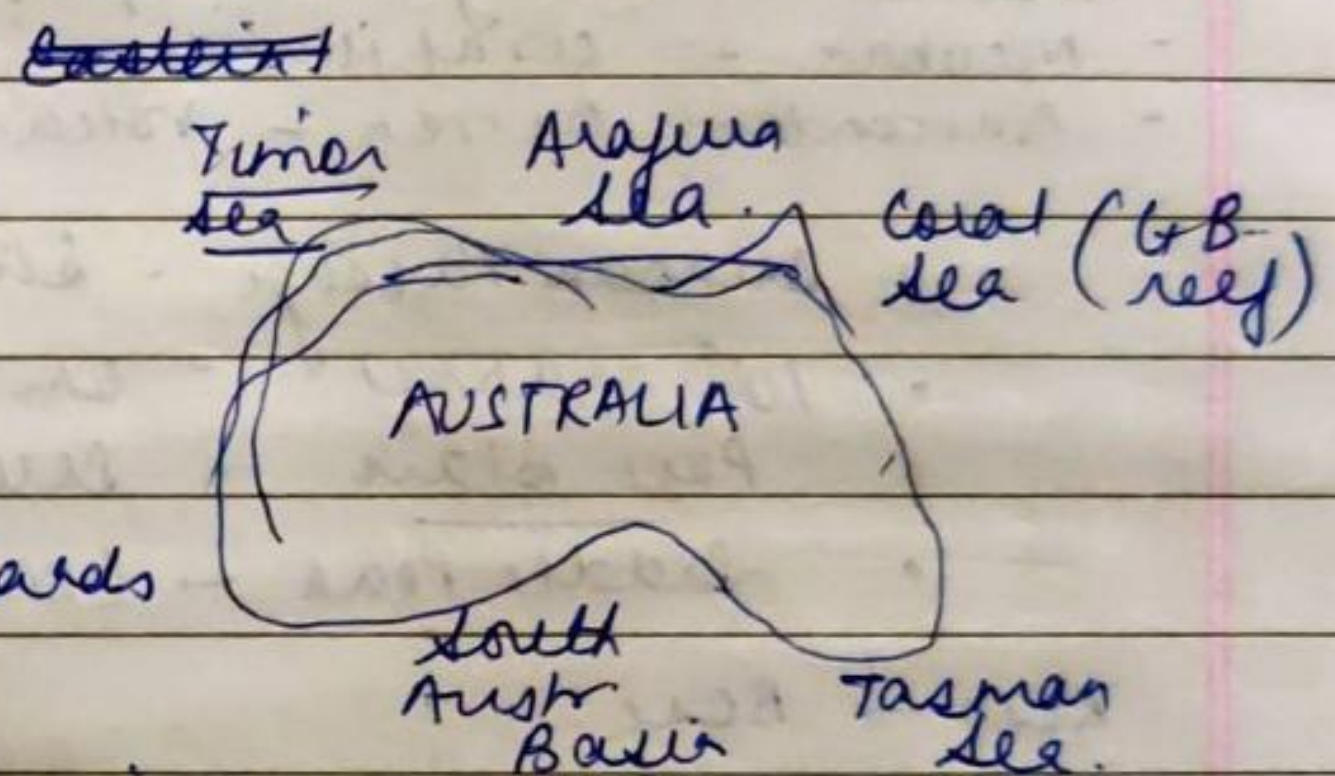
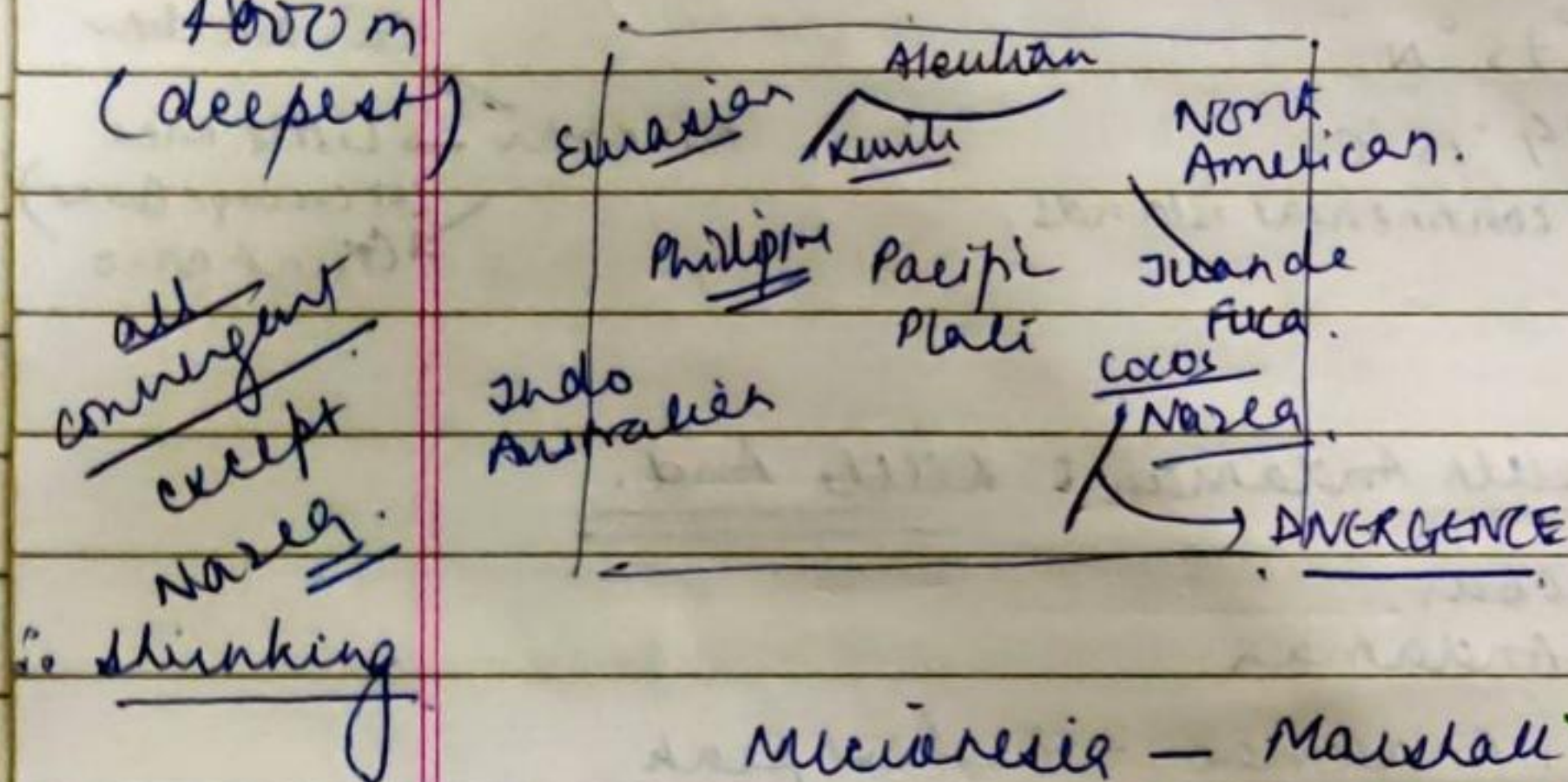
- String of Flowers, Seychelles (Assumption Island), Maldives, Diego Garcia, Agalega Islands (Mauritius), Madagascar
- Necklace of Diamonds - Subang (Indonesia), Changi (Singapore), Suq (Oman), Charabani (Iran)
- IORA - Secretariat - IORA
- Project Seabird - Karwar (INS Kadamba) - Karnataka (largest naval base in India)
- Naseem al Bahr → Oman naval exercise
- New Panchsheel - Soch, Sampark, Sahyog, Sarkalp, Sapne.

PACIFIC OCEAN - Biggest ocean. Δ shaped ocean.

avg depth
4000m
(deepest)

links to Arctic Ocean & Bering Strait

- Mariana trench - Challenger Deep near Philippines plate.



Micronesia - Marshall Islands
(Bikini Atoll) ✓

Melanesia - Fiji, New Caledonia, Solomon.

Polynesia - Samoa, Hawaii, NZ.

Great Barrier Reef - bottom - Tropic of Capricorn.

Coral triangle - 6 million km² → 6 countries - Philippines, Malaysia, Indonesia, Timor-Leste, Papua New Guinea, Solomon Islands.

Sabah (Malaysia)

- Bougainville - world's newest country (Pop. N. Caledonia)
- Great Pacif. Garbage patch - ^{near} Hawaii - East Pacific
- 9 dash line → Cow's tongue ✓
- Emperor mountain chain - near Papua NG ✓

(Org)

- APEC - Asia Pacific Econ. Coop. - (21) Pacific rim membership. (1989)
HQ @ Singapore. Peru, Chile, US, China, Russia. eg Hong Kong.

- 1st RCEP summit (2017) - Manila, Phil.

- FIPIC (Forum for India-Pacific Islands cooperation) → 2014 (proposed by India)
1st summit - Fiji, 2nd @ Jaipur
India + 14 Pacific islands

(MARITIME CHOKES POINTS)

Page _____

- ① Strait of Hormuz (Iran & Oman) - Persian Gulf & Gulf of Oman.
- ② Strait of Malacca (Malaysia & Sumatra) - Andaman Sea & South Ch. Sea.
- ③ Bab-el-Mandeb (Yemen & Djibouti)
- ④ Suez Canal (Egypt) - Port Said & Suez
- ⑤ Strait of Gibraltar (b/w Gibraltar-UK and Ceuta-Spain)
Atlantic Ocean & Meditt. Sea.

- ⑥ Panama Canal - b/w Colon (Caribbean Sea) & Balboa (Pacific)
1914
• presence of locks

- ⑦ Turkish straits

Sea of Azov

Kerch Strait

Black Sea

Sea of Marmara

Aegean Sea

- ⑧ Danish Straits

- Skagerrak

- Kattegat

North Sea with Baltic Sea.

Bosphorus Strait (Istanbul)

Dardanelles

- ⑨ Cape Town.

Russia

Caspian Sea

CENTRAL ASIA

China

India

Kazakhstan - Astana.

Uzbekistan - Tashkent ✓

Tajikistan Turkmenistan - Ashgabat.

Kyrgyzstan - Bishkek

Turkmenistan - Ashgabat

- Caspian Sea - largest inland water body.

- Amu Darya - dried up - irrigation

Amu Darya
Syr Darya

(Kazakhstan
Uzbekistan)

Karakum desert
(Uzbekistan)
Turkmenistan

- Lake Balkash (Kazakhstan)

- Pamir Knot (Tajikistan) → mountains radiate

↳ Hian Shan (China)

↳ Karakoram (India)

CASPIAN SEA

T(urkmenistan) A(zerbaijan) R(ussia) I(ran) K(azakhstan)



→ Uranium (Kazakhstan
Uzbekistan)

→ civil nuclear agreement with India

→ Uzbekistan - cotton cultivation
Caspian Sea Belt → hydrocarbons

→ Coal, Kazakhstan - Karaganda coal field (ex-while USSR)

Agreement (2018)
dispute due to hydrocarbons.
Caspian Sea Convention

each nation : 15 nautical miles

Baikonur cosmodrome
Space launching site of ex-while USSR.

- TAPI Pipeline - US backed, Natural gas.

starts from Galkynesh gas field (Turkmenistan) → Fazilka (Punjab)

- Ayni Air base - Tajikistan - Indian air base (BRO)

Europe → Turkey

WEST ASIA

Africa → Egypt - Israel SA

Deserts

Tropic of Cancer passes through Saudi Arabia, UAE, Oman (capital city Muscat)

port Said
port Suez
(Sinai)
Egypt
Israel
Saudi Arabia
Gulf of Aqaba
Suez canal

Suez Canal
constr. began 1859
opened 1869

- Rub al Khali desert - Saudi Arabia
- Iran → Dasht-i - Kavir
→ Dasht-i - Lut
- Syrian desert - Syria, Jordan, Iraq.

Rivers

Tigris
Euphrates
SHATT AL ARAB (confluence)
PG

- Jordan river (border btw Israel & Jordan)
- begins @ Sea of Galilee
- falls in Dead Sea

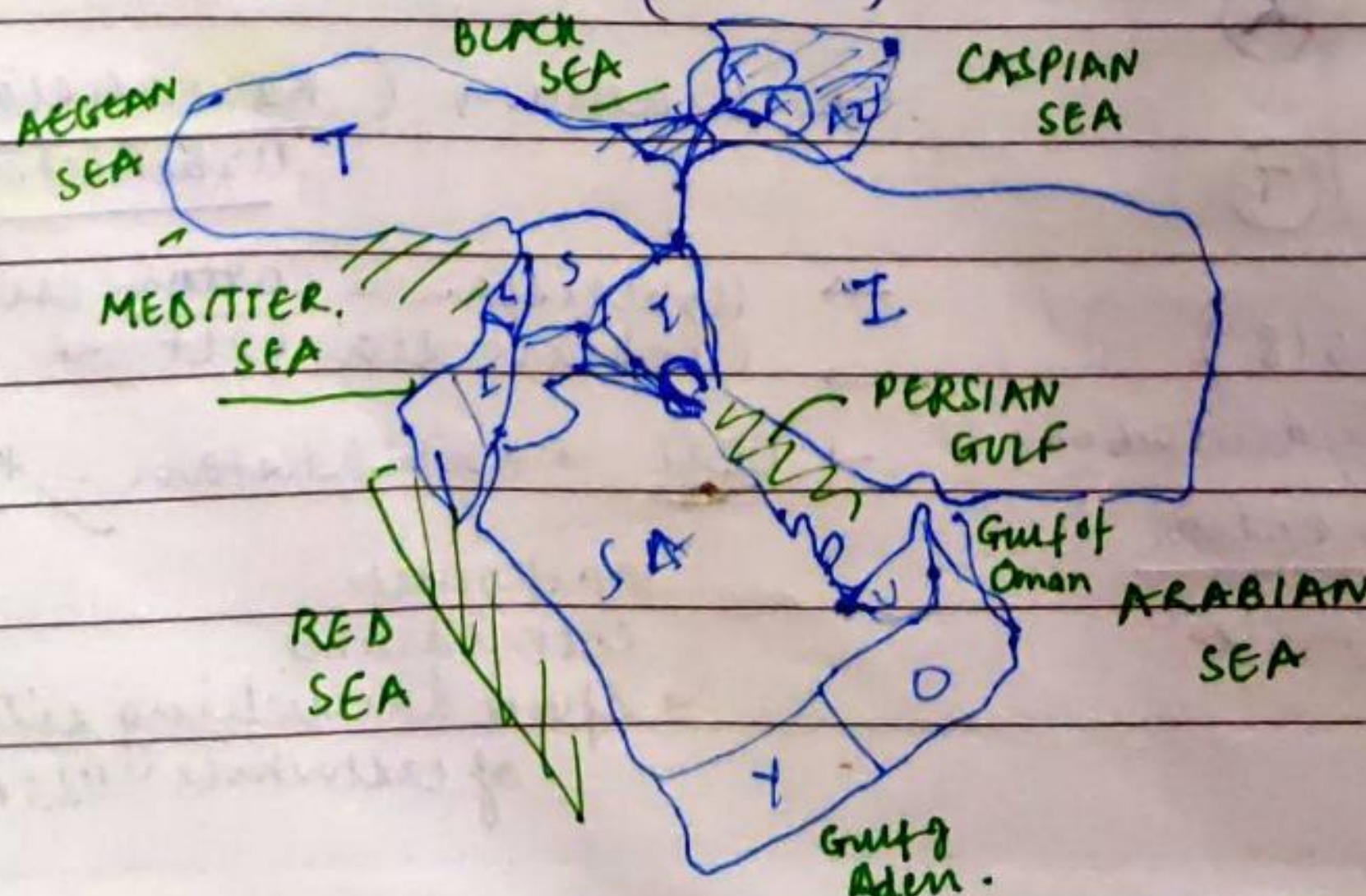
34.2% salinity
illegal sand/salt mixing

Mountains

- Iran: (N) → Elburz mountains → plateau of Iran.
(S) → Zagros mountains (intermontane plateau)
- Turkey (N) → Pontic mount.
(S) → Taurus mount. → Anatolian plateau.

Saudi Arabia - Hejaz / Asir mountains

- Lakes
- Lake Van (Turkey)
 - Lake Urmia (Iran)
- } hypersaline lakes.



None of the countries are land locked.

- Golden Crescent - Illicit opium - Iran, Afghanistan, Pakistan

Resources → 80% of crude & NG → largely offshore
 → Israel - fruit cultivation
 → UAE - money
 → Qatar

Regional org (★) Gulf Cooperation Council (GCC) - 6 nations
 (Kuwait, Bahrain, Qatar, UAE, Saudi Arabia, Oman)

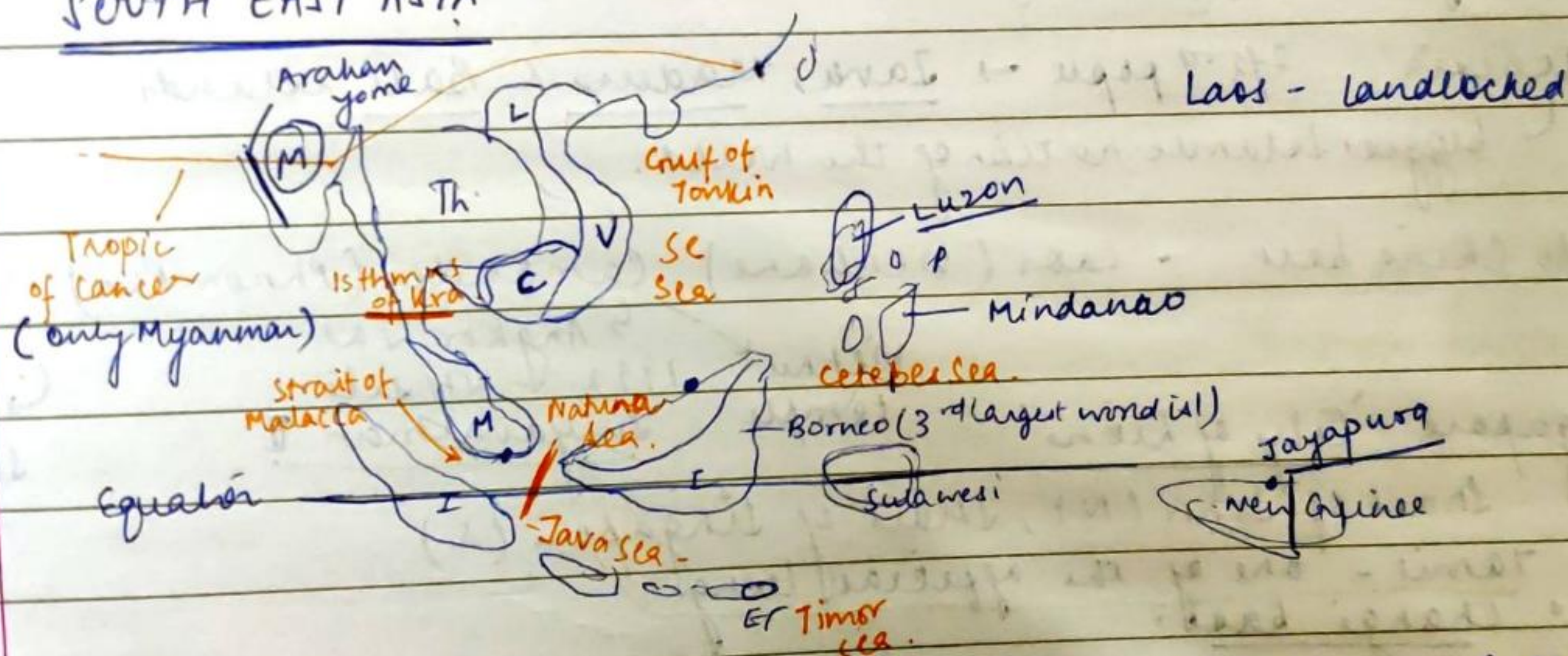
(★) OPEC (1960 - Baghdad) HQ @ Vienna, Austria
 → Qatar withdrew Rem → Venezuela
 Ecuador → Iran, Iraq, Kuwait, SA, UAE

(★) Khumais, Al Abqaiq - Attack by Houthis, Iran.

KURDISH INHAB. AREAS → Turkey
 → Syria
 → Iraq
 → Iran

ISIS - Palmyra - Syria

SOUTH EAST ASIA



China bordering → Myanmar, Laos, Vietnam (MLV)

Rivers : Myanmar - Irrawaddy
 - Salween

- Mekong - China, Laos, boundary b/w Laos & Thailand, Cambodia, Vietnam
- Lake Tonle Sap - largest freshwater lake of South East Asia (Cambodia)

• Chao Phraya - Bangkok river

- Shan Plateau - Myanmar
- Khorat Plateau - Thailand
- Annam Cordillera - Vietnam

- Mekong - falls in South China Sea
- Red River → Gulf of Tonkin
- Chao Phraya - Gulf of Thailand
- Irrawaddy - Andaman Sea

- Isthmus of Kra
- Golden Triangle - Myanmar
 - Thailand
 - Laos (3rd largest prod. of opium)
- East Timor (2002 - indep. from Indonesia)
- ① Myanmar - Assam, Nagaland, Manipur, Mizoram → along Bangladesh
 - Sittoung - imp port city in Rakhine state
- ② Thailand - Bangkok → never colonized (buffer state bet France & Britain)
 - 'Siam' - Rice bowl of S.E. Asia
- ③ Malaysia and Brunei → monarchy
 - Malayan penin. & Borneo
 - 99% revenue → crude.
 - Tin → Ipoh & Perang
 - Palm oil - India a/c for 28% of Indian palm oil imports
 - originator of nipah virus.
- ④ Indonesia 2/3rd popu → Java, Madura & Bali islands → fertile soil
 - biggest Islamic nation of the world.
- ⑤ Indo China belt - Laos (Vientiane), Cambodia (Phnom Penh), Vietnam
 - Vietnam 1992 - WH site
 - Angkor Wat
 - Siem Reap
 - Red river
 - Saigon - Ho Chi Minh city
- ⑥ Singapore - 'City of Lions'
 - Strait of Johor (N), Strait of Singapore (S)
 - Tamil - one of the official lang
 - Change base.
 - IRRI
 - ADB
 - Ramon Magaysay Award
 - Ranich Kumbh (celebration)
 - Nobel of Asia
- ⑦ Philippines (Manila)
 - Mt. Taal volcano eruption.

Yellow river Yangtze

CHINA

Beijing ✓
Shanghai ✓
Wuhan ✓
Guangzhou ✓
Hong Kong ✓

Yellow Sea - West of S. Korea.

JAPAN

Hokkaido
Honshu
Shikoku
Kyushu

Korea Strait
Kyushu & Korea

Scarborough Shoal - Philipp.

Palawan → China

Spratly.

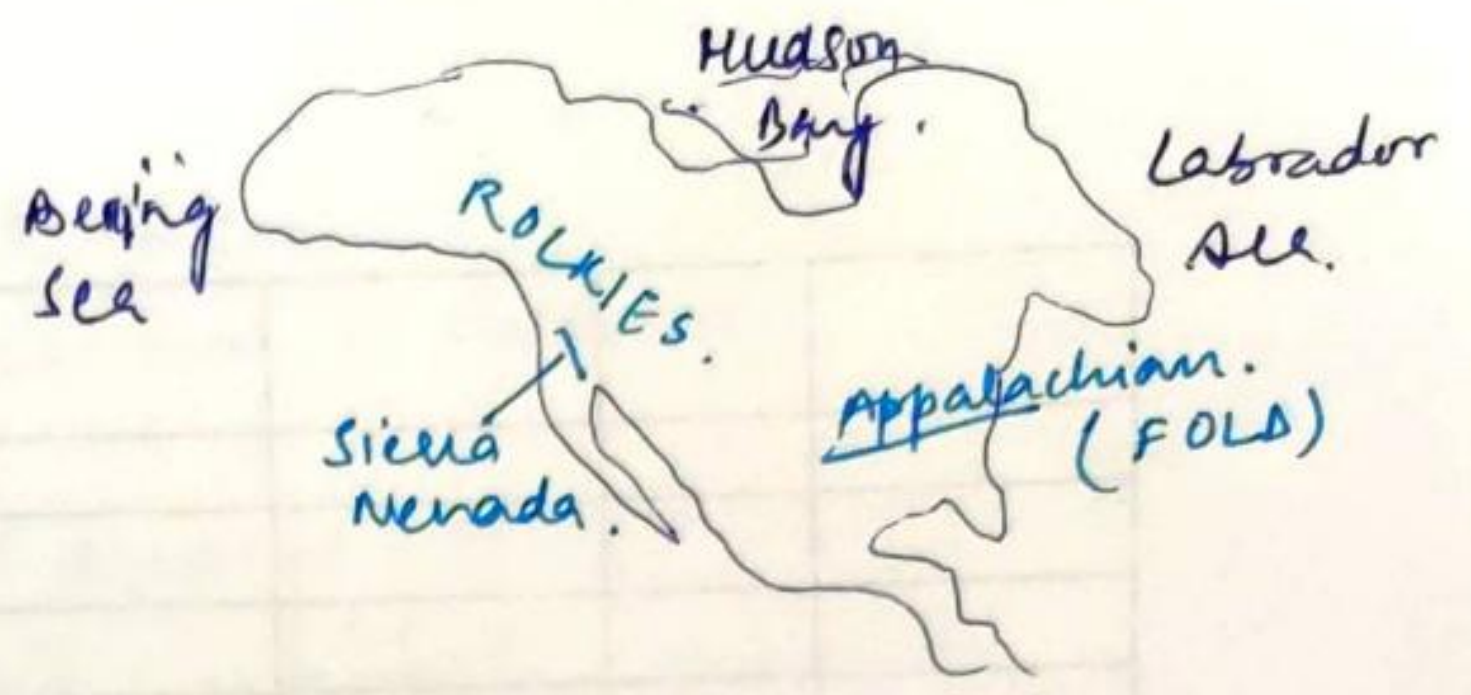
USA
West coast - California - San Francisco
 Los Angeles.
 UNBP - Honolulu strategy
 (marine debris)

East coast
 New York - Hudson river
 Washington DC
 Pennsylvania

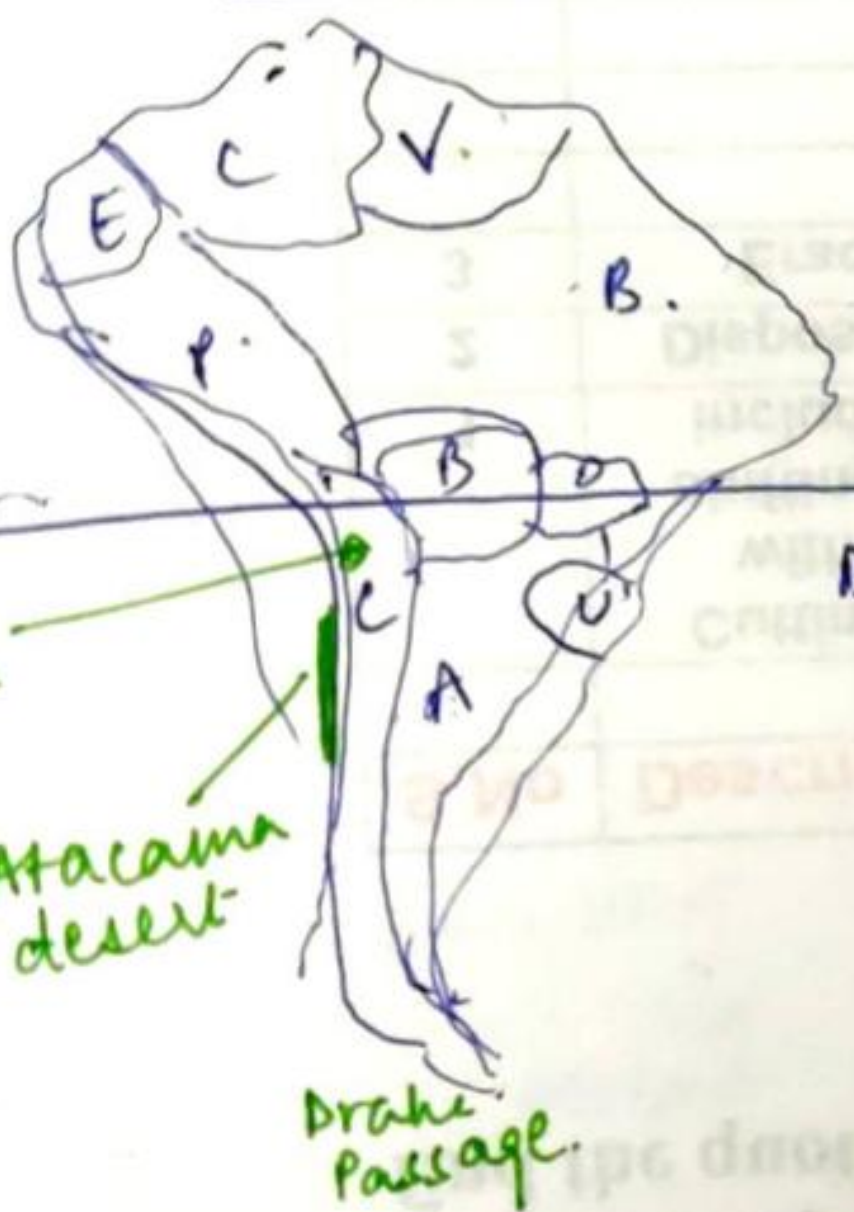
• Great Lakes - Superior, Michigan,
 2nd largest lake after Caspian.
 (H) (O) (M) (C) (S) Superior
 Huron Ontario Erie

Central America

El Salvador (West)
 Belize (coast on eastern side)



South America



La Paz - highest capital
 Bolivia - landlocked country.
 Paraguay

Arazil - no border w/ Ecuador & Chile

Uruguay - entirely beyond tropics

Margarita 17th NAM Summit
 (Venezuela)

Andes - 2nd highest mount. range.
 Aconcagua (Chile)

Gran Chaco - cattle rearing (Bolivia, Brazil, Paraguay, Argentina)

Patagonia desert (Argentina)
 Pampas (cya aya) - Argentina's

Arica - driest place on Earth
 (Chile).

Europe

Iceland - Reykjavik - highest capital

Black Sea - G U R R B Turkey.
 Russia, Ukraine, Georgia

Alps - Mt. Blanc



EUROPE

- Strait of Gibraltar - Gibraltar (UK) & Ceuta (Spain)
- Aegean - Dardanelles Sea of Marmara Bosphorus (Istanbul) Black Sea. Kerch Strait ^{Crimean peninsula.} Sea of Azov.
- ~~1986 Montreal~~
- Brasilia - 11th BRICS "Econ Growth for an Innovative Future"
↳ hosted twice
- Venezuela - cap: Caracas 98% of export
- Copenhagen (cap of Denmark) - C40 World Mayors Summit
↳ located on islands of Zealand & Amager
- Vladivostok Eastern Economic Forum (EEF) ~~→ V. Putin, 2015~~
- Northern Sea Route - Arctic ice breaker "Ural" (Russia). ↳ 13,700 (nuclear powered) Rotterdam → Yokohama.
- Kurile Islands - claimed by Japan & Russia (occupied)
- Lebanon - civil protests
↳ Beirut
- Birzeit University - Palestine
↳ India \$38 mn - construction of Palestine-India Techno Park
- Sea of Galilee (Lake Tiberias) → freshwater (Israel)
- Ghumar, Al Bagoura - leased by Israel. → leased by Jordan - withdrawn.
- Golan Heights - occupied by Isr 1967.
(near Sea of Galilee)
↳ 1/3rd of Israel's water.
- Khuzeistan (New oil field) - 2nd biggest after Ahvaz (Iran)
- Strait of Hormuz
- Bishkek ~ Kyrgyzstan; SCO's 19th Summit.
- Hong Kong.
- Wuhan - Hubei province.
↳ Han & Yangtze
- Demilit. zone. - Korea (38th parallel.)
- Bougainville - voted to become indep. from P.N Guinea
- Chagos Island. - UN asked UK to return it to Mauritius.
Diego Garcia → USA till 2036.
- Bhashan Char Island - Rohingya - on river Meghna.
(Bangladesh) refugees.
- Mamallapuram. - UNESCO WHS.
↳ Narasimha Varman I
- Bodhidharma (China)
↳ 3rd son of Pallava king who had travelled to China

BRAHMAPUTRA

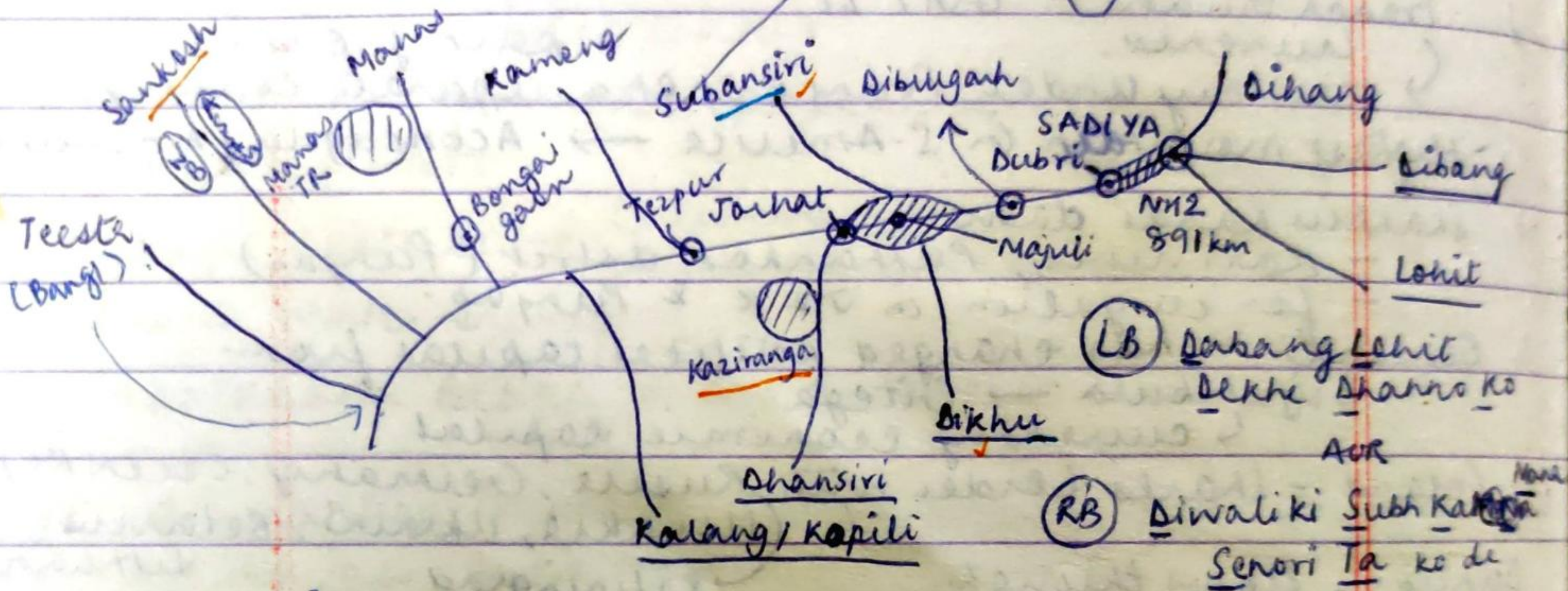
Manas, Chemung, Durg glacier

Countries

India, China, Bangladesh

States
Assam, Arunachal

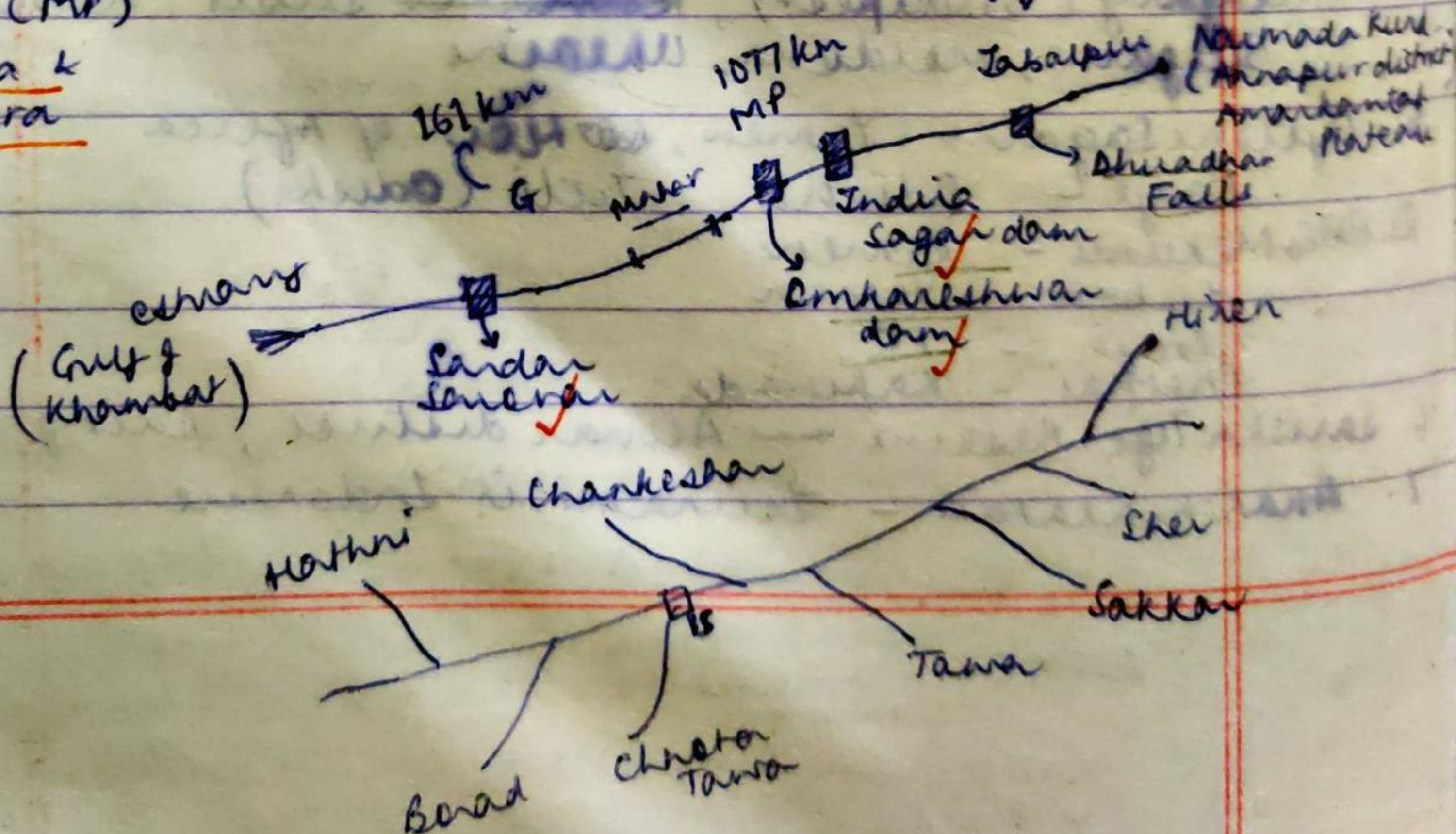
In India : 1346 km
Overall : 2900 km



NARMADA (Rewa)

Amantantak Plateau → Maharashtra → Gujarat (Guj & Khambhat)

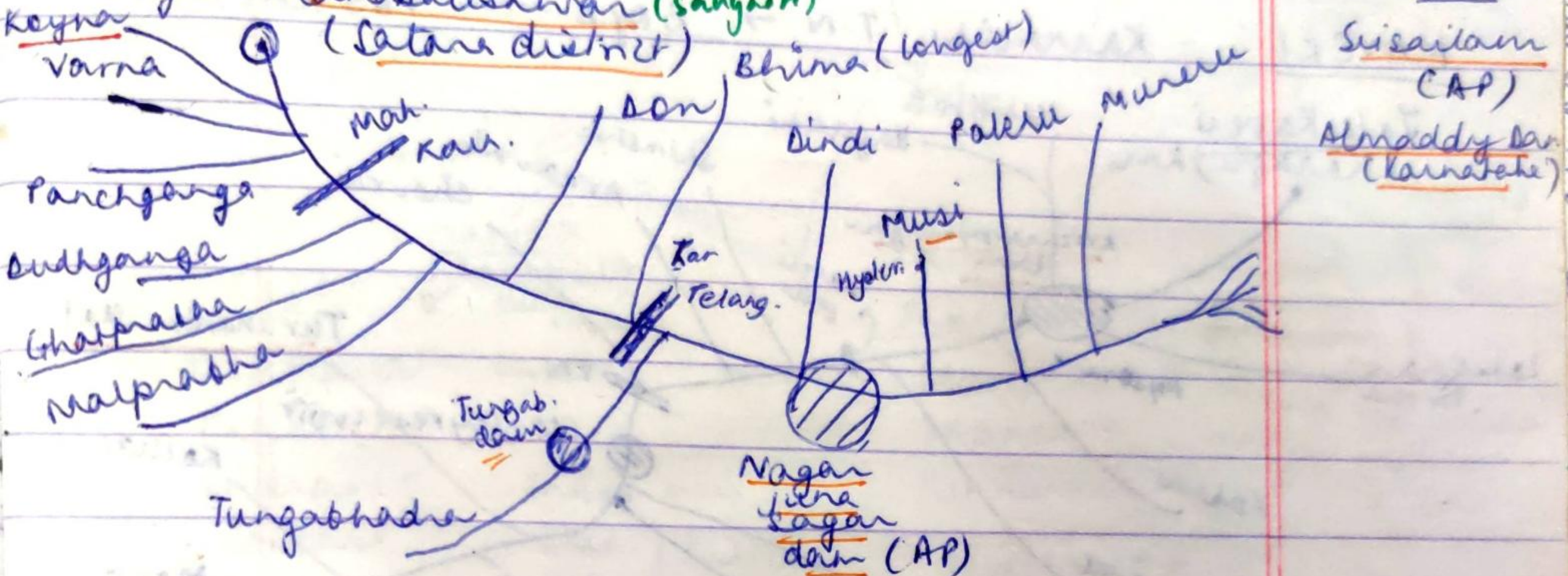
Btw Vindhya & Satpura



KRISHNA - 4th largest (after Ganga, Godavari, Brahmaputra)

Maharashtra → Karnataka → Telangana → A.P.
 Length - 1300 km.
 Largest tributary - Tungabhadra.

Origin: Mahabaleshwar (Sahyadri)



Left Bank

- | | |
|---------|---------|
| Don | Dhoj |
| Bhima | Bi |
| Dindi | Danda |
| Musi | Musibat |
| Paleeru | Par |
| Muneru | Mare |

Right Bank

- | | |
|--------------|-------|
| Varna | Var |
| Panchganga | pe |
| Sudhaganga | Sudh |
| Chhatrapraha | Chhee |
| Malprasha | Mal |
| Tungabhadra | Tu |

highest / most powerful
Tehri Dam (Shagirathi)

MAHANADI



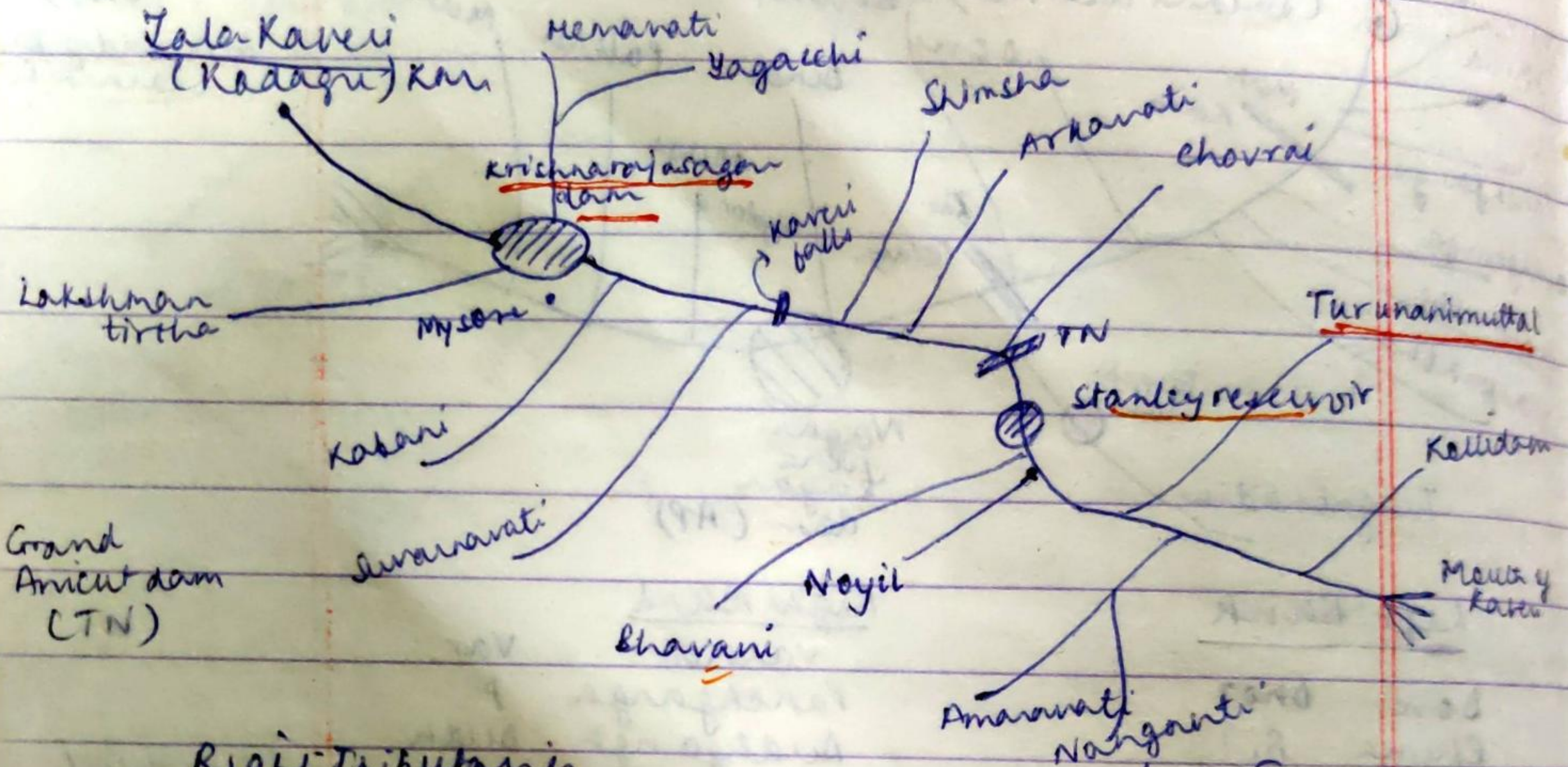
Right B

Sondur Son
Pauri Pauri
ong on
Tel Television

Left B

Seerath Sona
Masdo Maita
Mand Mon } Money
Ib ey }

KAVERI - Kavalahi, T.N → B of B - 765 Km.



Right Tributaries

Lakshmantirtha - Lakshman
Kaveri Ka
Suvannavati } Swa
Noyil } min
Amaravati Aksharavathi
Narganti Naam

Left T

Hemavati
Yagacchi
Shimsha
Arkavati
Chovrai
Turunanimuttal
Kallidam
Hem
Zahar
Shimsha
Aakar
Choi
To Nari
Kavengi

ORDER

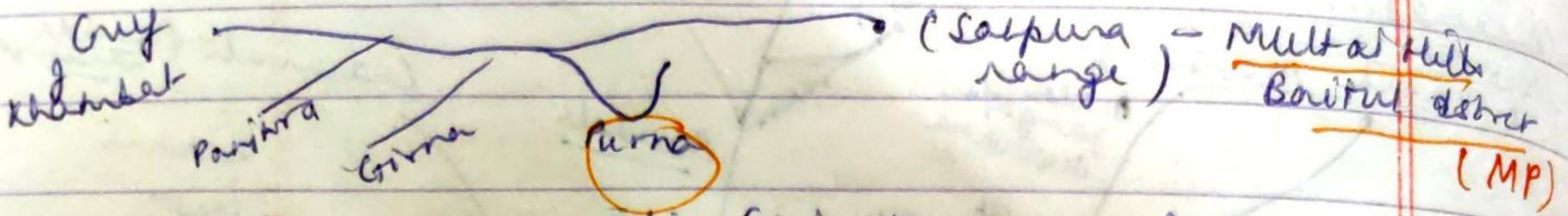
- | | |
|---------------|---------------------|
| - Barnadar | - Palan |
| - Subanarekha | - ~~Kaveri~~ |
| - Baitani | - ~~Palgar~~ |
| - Brahmani | - Pennaiyan |
| - Rushikulya | - Vellar |
| - Vamsadhara | - Kaveri |
| - Godavari | - Vaigai |
| - Krishna | - Vaippar |
| - Pennaru | - Tamiraparani |

Sabarnati
Nahi
Narmada
Tapi
Sharavati (Jag Falls) - Kavalahi
Bey pore
Pennani
Periyar
Pamba
Kerala

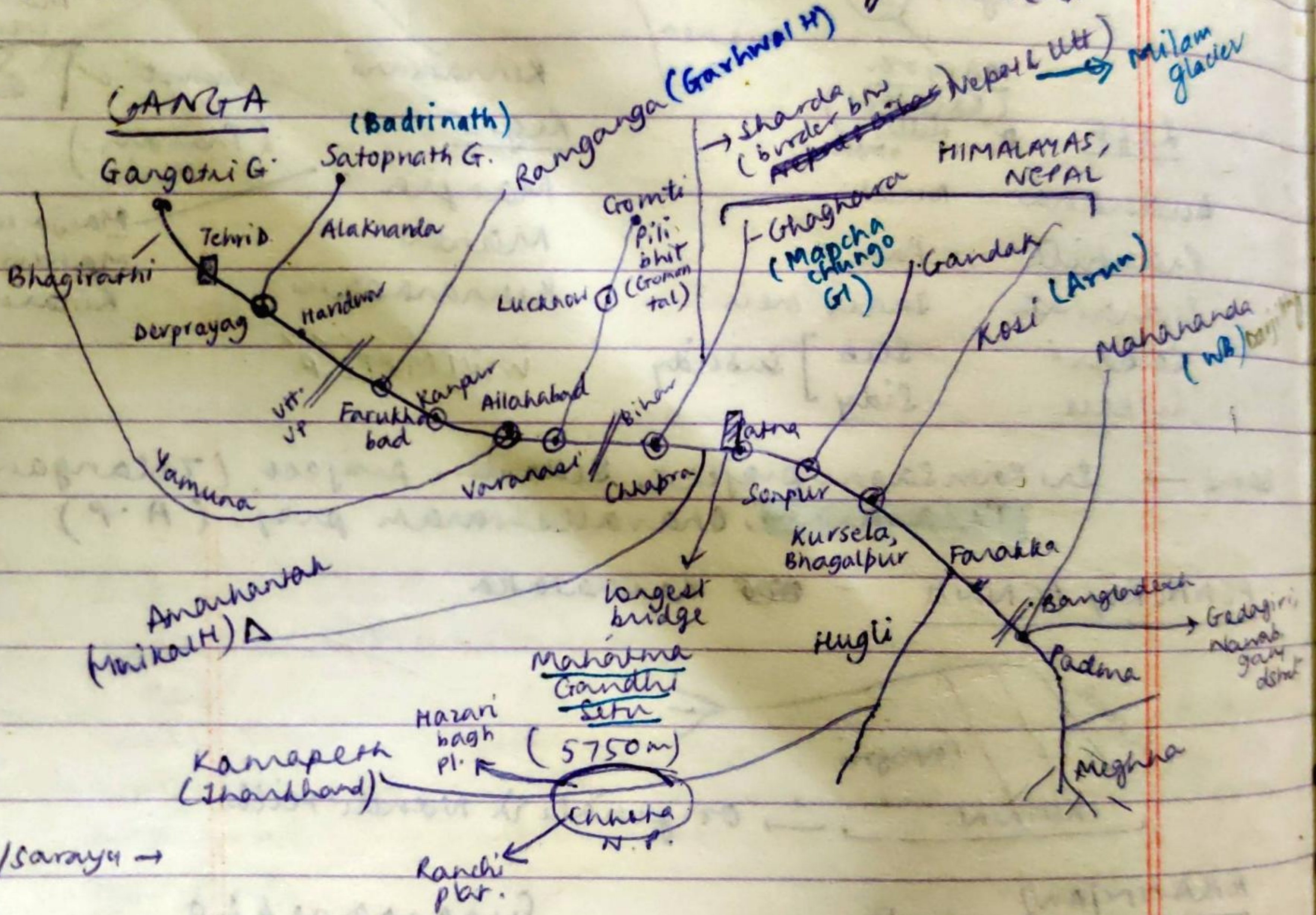
Grand
Kamma

Scanned by TapScanner

TAPI / TAPTI - MP, Maharashtra, Gujarat



- Mahi - originalis (Western range) → G. of Khambhat
- Sabarmati - Ahmedar Lake (Ahmedali) → G. of Khambhat
- Luni - Aravalli → Rann of Kachchh



Right T

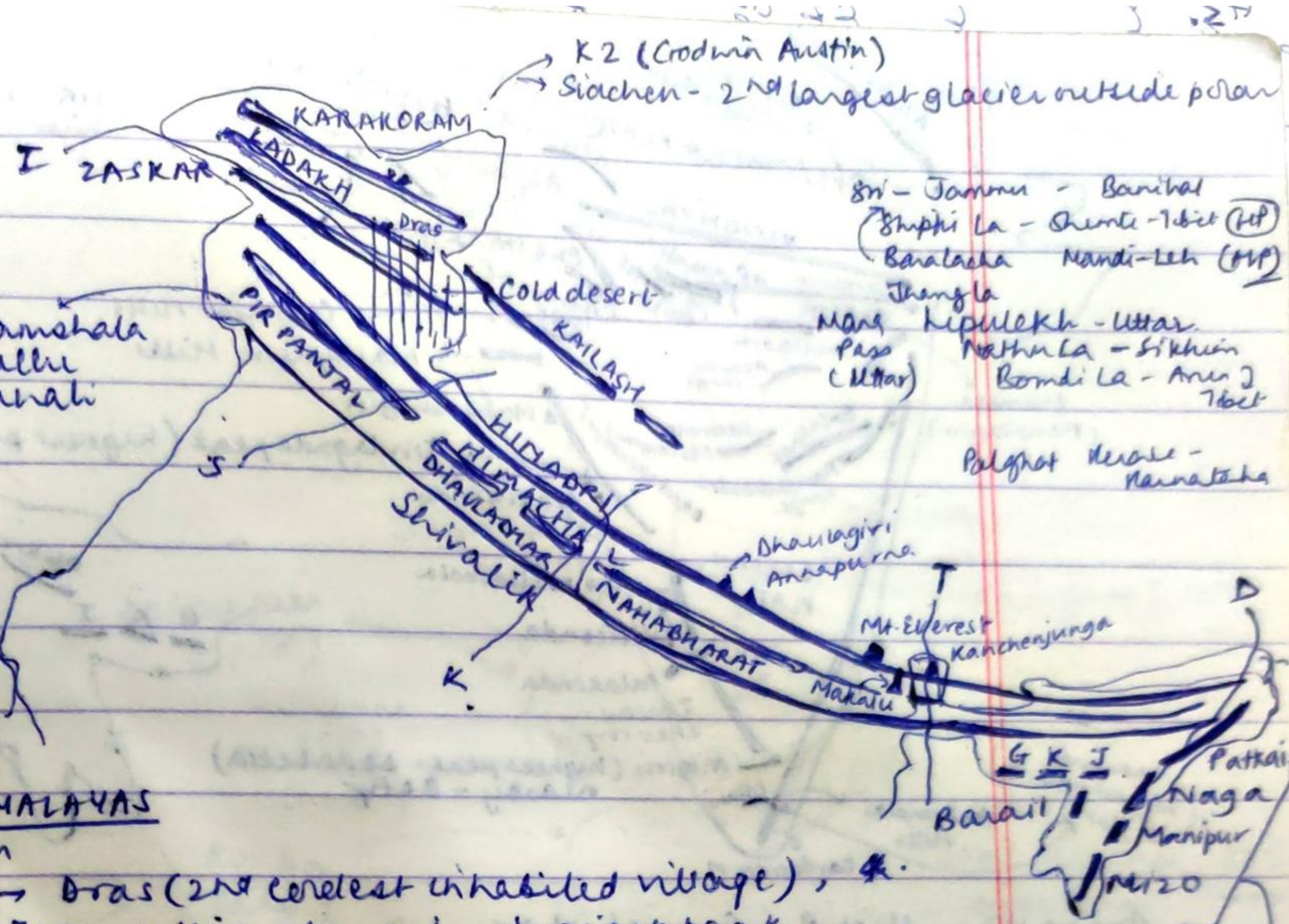
Yamuna Va
Son So
Samedan Da

Left T

Ranganga Ram
Gomti G
Sharda Sila
Ghaghara G
Gandak G
Kosi Ko
Mahananda Ma mein

Mat Agra Delh.

Zaskar - Siachen glacier

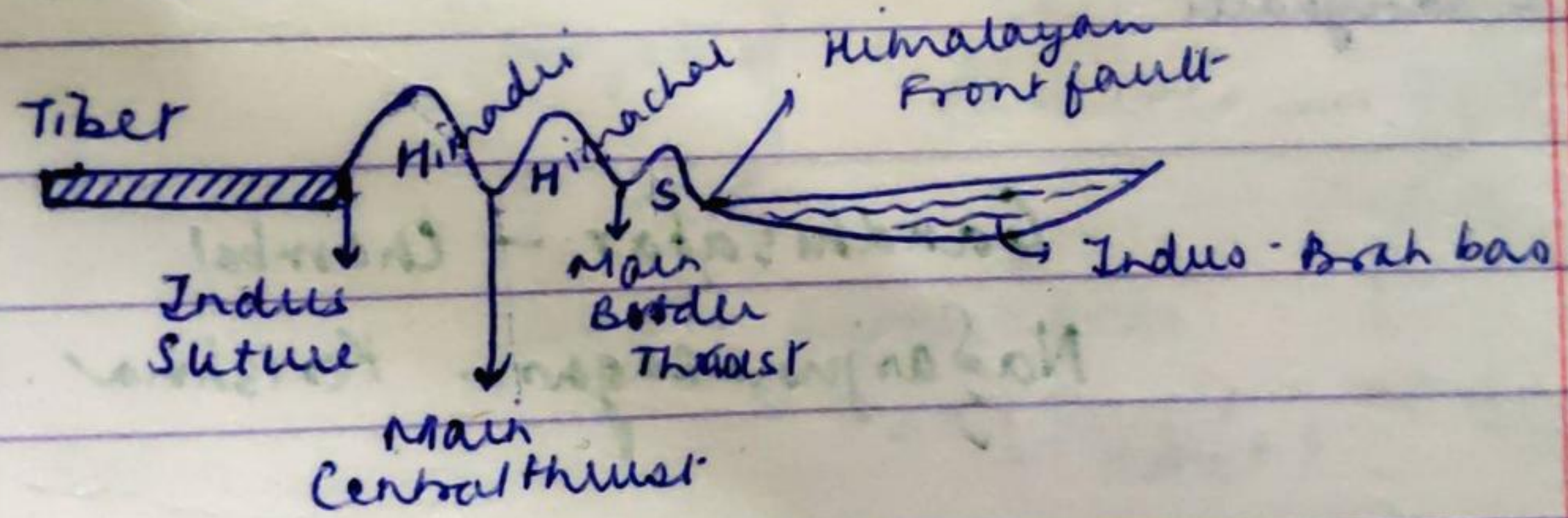


TRANS-HIMALAYAS

- Karakoram
- Ladakh → Dras (2nd coldest inhabited village)
- Zaskar (Tethys Himalayas) - highest peak
- Kailash - extension of Ladakh range - origin of most rivers - Indus etc.
- Indus flows b/w Ladakh & Zaskar ranges.

GREAT HIMALAYAS

width: 400 km (J&K) → 150 km (Arunachal)



Himadri - Avg height → 6000m.

Shivalik → called Jammu hills (J&K)

- ✓ Nishini Hills (Arunachal)
- ✓ Cachar Hills (Assam)

Indus — Sulej — Kali — Tista — Sirang
Kashmir — Kumaon — Nepal — Assam

Blue mount.
→ Mhoram
Paternach hills
→ Thachand
Kalsubai
Mahabaleshwar
→ Nashik