

⑫ Armenia, Azerbaijan, Georgia, Bhutan, Nepal, Mongolia, Laos, Afganistan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan → doubly locked (by alls)

2 doubly locked countries ① Leichtstein (Austria, Switzerland) → doubly locked by other landlocked countries

ASIA

- > Largest continent in the world
- > 30% of total land surface of the earth
- > Entirely in Northern hemisphere except for some Indonesian group of islands

After Malacca St → Pacific Ocean
 Indonesia
 Indian Ocean
 Europe
 West Asia
 CO

Borders:

North- Arctic ocean
 East-Pacific ocean, Mediterranean, Pacific
 West- Mediterranean Sea

- ✓ Separated from Europe by Urals, Caspian Sea, The Black sea, Caucasus mountains and strait of Dardanelles in the west
- ✓ Separated from Africa by the Red Sea and Isthmus of Suez
- ✓ Separated from North America by Bering strait

IMPORTANT COUNTRIES AND THEIR CITIES

CHINA

Most populous and third largest country in Asia
 Borders Russia and Mongolia north, India in west and Laos, Vietnam in south, Myanmar
 Largest producer of tungsten (Kiangsi) and antimony (Hunan)

- ✓ Shanghai: Premier port
- ✓ Nanking: textile hub
- ✓ Guangzhou: Lies at mouth of Sikiang River. Famous for iron-steel, textiles, chemicals, handicrafts and food processing industries

JAPAN

Most industrialized country in Asia with little coal reserves but has highly developed hydro electric power resources

Islands: HONSHU, HOKKAIDO, SHIKOKU, KYUSHU

↓
 Nagasaki, Tokyo, Kyoto, Ngoya

- ✓ Kyoto: famous for traditional handicrafts
- ✓ Kawasaki: Marine engineering, cement and glass works
- ✓ Yokohama: Thriving port with major centre for precision engineering
- ✓ Tokyo: heavy electrical engineering industry
- ✓ Nagasaki: Important industrial town of Kyushu island

NORTH KOREA: (capital-Pyongyang)

SOUTH KOREA: (capital-Seoul) Ulsan- Largest shipyards in the world

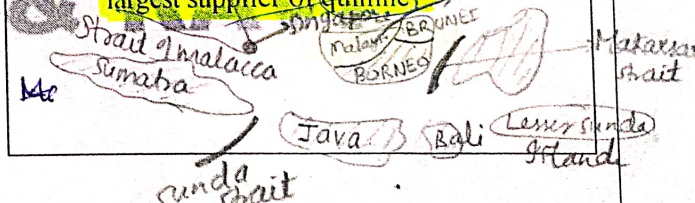
SOUTH EAST ASIA

INDONESIA (Capital: Jakarta)-

Occupies most of the Malay archipelago.
 Lies between Indian and Pacific ocean
Island group of Indonesia: Sumatra, Java, Borneo, Bali, Lesser Sunda land, Sulawesi, Timor and western half of New Guinea island

IMPORTANT CITIES

- ✓ Jakarta: Political headquarters. Important port handles all imports to other domestic ports. Textiles, oil milling, rubber processing, steel work, food processing
- ✓ Java: Separated from Sumatra island by Sunda strait
- ✓ Bandung: First NAM conference was held here. Volcanic plateau World's largest supplier of quinine



Bali → only Hindu Island
 Sunda Bench = Java Bench → only bench in Indian ocean

Malay Archipelago/spice Arc → is the archi. b/w mainland Indochina & Australia
 name taken from 19th European concept of Malay Race.
 Includes → Brunei, Singapore, E. Malaysia, Indonesia, Philippines
 Greater Sundaland + Lesser Sundaland East Timor

Kaladan R = Dhanushwa in

Malay Peninsula

VAJIRAM & RAVI

Sumatra → Malacca → Singapore

Way pay dees

SINGAPORE:

Lies in the eastern end of Strait of Malacca. Relatively central position among the islands. (Major naval base and major Centerport)

BRUNEI: (Bandar Seri Begawan)

Leading producer of oil and world's biggest LNG plants

THE PHILIPPINES: (Manila)

- Lies west of Pacific Ocean.
- 75% population lives in its Luzon island.
- Capital city Manila is headquarters of International Rice research institute. & ADB.
- Luzon in north and Mindanao in south are two large islands

VIETNAM: (Hanoi)

(Capital city Hanoi and Ho Chi Minh city are major centers for engineering and food processing industries.)

LAOS: (Vientiane)

Only landlocked south east Asian nation. Borders Thailand, Myanmar, China, Vietnam and Cambodia. Capital city Vientiane is located on Mekong river. largest R. of S.E. Asia

MALAYSIA: (Kuala Lumpur)

Lies between Thailand and Singapore. Kuala Lumpur is on confluence of Gombak and Kelang river. Ipoh: Tin mining, karst topography.

CAMBODIA: (Phnom Penh)

Located south of Laos between Thailand and Vietnam. Capital city Phnom Penh is located on Mekong river that meets Tonle Sap river.

Angkor Vat

MYANMAR: (Yangon)

- Borders India, Bangladesh, China, Laos, Thailand and Bay of Bengal.
- Buddhist temples "Pagodas".
- Land of Mountains and rivers.
- Mandalay is on left bank of Irrawaddy river.
- Capital city Yangon is leading port and famous for oil refining, steel, food processing industries.

THAILAND: (Bangkok)

- Borders Myanmar, Laos and Cambodia.
- Known as rice bowl of South east Asia and Land of white elephants.

BANGKOK: situated on Chao Phraya river is leading industrial city famous for ship building

IMPORTANT SEAS AND OCEANS

PACIFIC OCEAN: Bering sea, Sea of Okhotsk, Yellow sea, South China sea, Timor sea, Java sea, Banda sea

INDIAN OCEAN: Arafura sea, Arabian sea, Red sea

ARCTIC OCEAN: Kara sea, Laptev sea, East Siberian sea

IMPORTANT GULFS

INDIAN OCEAN: Persian Gulf, Gulf of Oman, Gulf of Aden

PACIFIC OCEAN: Gulf of Tonkin, Gulf of Thailand, Gulf of Ob

Johanna Strait

Luzon
Mindanao

landlocked
Touch all
TULCH &
China

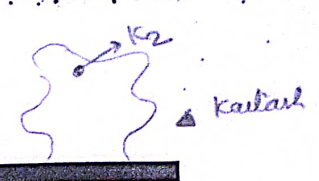
Mekong
Cambodia

Thailand
Cambodia
Laos → touch all + China

Myanmar
Gulf of
Makassar
Thailand

Highes - ① Mt Everest (Nepal/China)
 ② K2/ Godwin Austin (India) T&K.

K Karakoram
 L Ladakh
 Z Zaskar
 G Great H
 P Pirpanjal
 (10) Ob. Himalayas
 S Shivalik



VAJIRAM & RAVI

IMPORTANT ISLANDS:

PACIFIC OCEAN: Kurile (Kamchatka peninsula), Ryukyu (submerged island), Sparty and Parcel islands, Philippines archipelago (Luzon and Mindanao)

Yonaguni Monument

STRAITS

Bering: Separates: Asia and North America
 Connect: East Siberian sea with Bering sea

Formosa/Taiwan: Separates: Taiwan and China
 Connect: East and south china sea

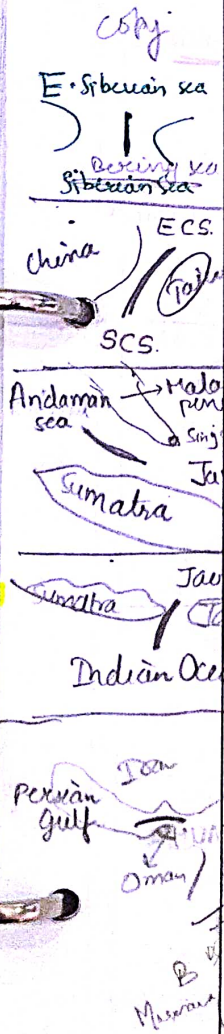
Malacca: Separates: Malaya peninsula and Sumatra
 Connect: Java sea and Bay of Bengal

Sunda strait: Separates: Java and Sumatra
 Connect: Java sea and Indian Ocean

Strait of Hormuz: Separates: UAE and Iran
 Connect: Gulf of Oman and Persian Gulf

Strait of Bosphorous: Separates: Asia and Europe
 Connect: Black sea and Sea of Marmara

Strait of Dardenelles: Separates: Asia and Europe
 Connect: Sea of Marmara and Mediterranean sea

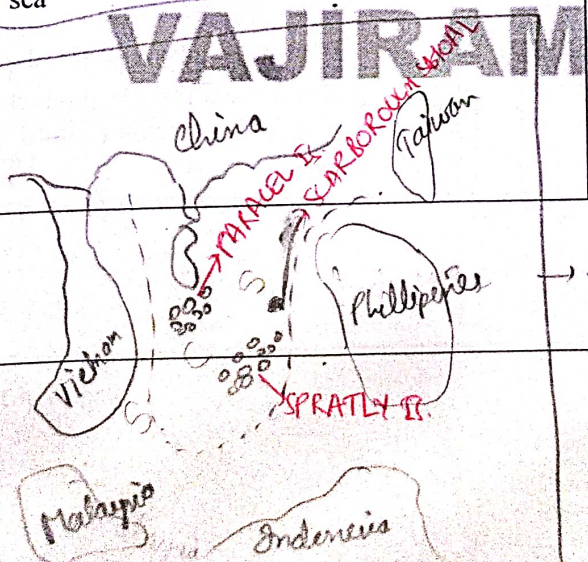


IMPORTANT MOUNTAINS

- Himalayan ranges:** Lies North of Gangetic plains. Example of Fold Mountains. Mt. Everest is the highest peak
- Karakoram Range:** Lies north of Himalayas. Godwin Austin (K2) is the highest peak located in Nepal
- Kailash range:** East of Karakoram range in Tibet
- Kunlun shan:** Lies north of Tibet Plateau and south of Tarim basin
- Tien shan:** Lies north of Tarim basin
- Altai:** Lies north of Tien shan
- Arakan Yoma:** Western Myanmar continues through Andaman and Nicobar islands, Sumatra, Java and other Indonesian islands
- Hindukush:** Runs westwards of Pamir knot to Elbruz = Caucasus Indicus etc.
- Elbruz:** Hindukush joins Armenian knot at Caspian sea
- Sulaiman:** Extends southwards of Pamir along Pakistan and Afghanistan
- Kirthar:** Sulaiman takes the name of Kirthar in the south
- Zagros:** North west of Makran upto Armenia

IMPORTANT PLATEAUS

- Ladakh plateau:** An inter-montane plateau lies between karakoram and Himalayas
- Tibet plateau:** Between Kunlun shah and Himalayas. Largest plateau in the world (ht: 4250m)
- Yunan:** Lies south east of Tibet plateau



[Atlas P-44]
+ Copy

- **Pamir:** Located north west of Indian sub-continent. Meeting point for central Asian mountain ranges. Known as roof of the world with highest altitude (4900m)
- **Mongolian:** highest plateau above sea level lies between Altun shan and Tien shan
- **Indo-china:** region of south east Asia that extends over Vietnam, Laos, Cambodia, Thailand and Myanmar
- **Shan:** Lies between Pegu Yoma and Arkan Yoma in eastern Myanmar. Salween river flows through the region. Region important for tin, tungsten, lead, silver and Ruby stone
- **Arabian:** It is a tilted block extending over entire Arabian peninsula
- **Plateau of Anatolia:** Euphrates and Tigris river flows through this region. It is also known as Asia minor of Turkey

IMPORTANT LAKES

→ largest freshwater lake by volume

- **Lake Baikal:** Located in Eastern Serbia. Source of Lena river. Deepest body of water. (Continental Rift lake)
- **Lake Balkash:** In Kazakhstan. North of it is Karaganda coal basin
- **Lake Van:** Largest lake of Turkey. Highest density of salt content
- **Aral sea:** Located between Kazakhstan and Uzbekistan
- **Dead sea:** located in west bank of Jordan. An example of Rift valley lake. Deepest points of Asia & the world's lowest lake.

Russia →
Kazakhstan →
Turkey →
Ummid → saline
Jordan R.
ISRAEL
JORDAN

- **Caspian sea:** Largest lake in the world. Separates Europe and Asia

IMPORTANT SURFACE FEATURES

P-44

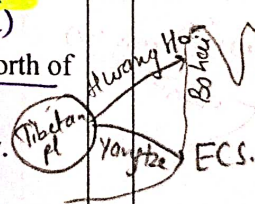
- **Manchurian plain:** Formed by Amur river. Important cities located are Ashan, Shenyag, Fushun
- **West Siberian plain:** Extends from Urals to Yenisey river. One of the lowest lowlands
- **Rub-al-khali:** Known as empty Quarter. A large continuous sand desert of southern Saudi Arabia
- **Dasht-I-Lut:** Barren desert of Iran
- **Dasht-I-Kavir:** Largest salt desert of world in northern Iran

→ Mongolia → Russia (route)
→ Ad Dalmia

IMPORTANT RIVERS

a. EAST FLOWING (From North to South)

- **Amur**
- **Yangtze:** longest River of Asia in Szechuan basin. Shanghai and Wuhan are located on it. Flows from Tibetan plateau to East China sea
- **Hwang Ho:** Known as China's sorrow. Flows through loess land. Flows from Tibetan plateau to Gulf of Pohai
- **Si Kiang:** Best known for silk production. A fertile river basin flows from Eastern Yunan to south China sea



Kara sea

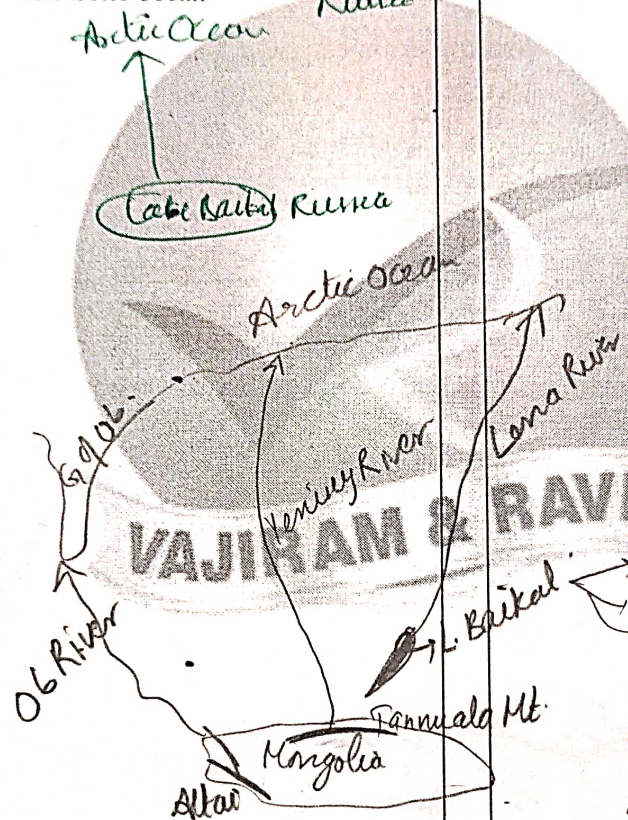
Gulf of Ob

b. NORTH FLOWING (west to east in Russia)

- **Ob:** Flows from Altai mountains to Gulf of Ob
- **Yenisey:** flows from Tannuala mountains to Arctic ocean
- **Lena:** Flows from Lake Baikal to Arctic ocean

Arctic Ocean
 ↑
 Russia
 ↑
 Mongolia (Tannuala mt)

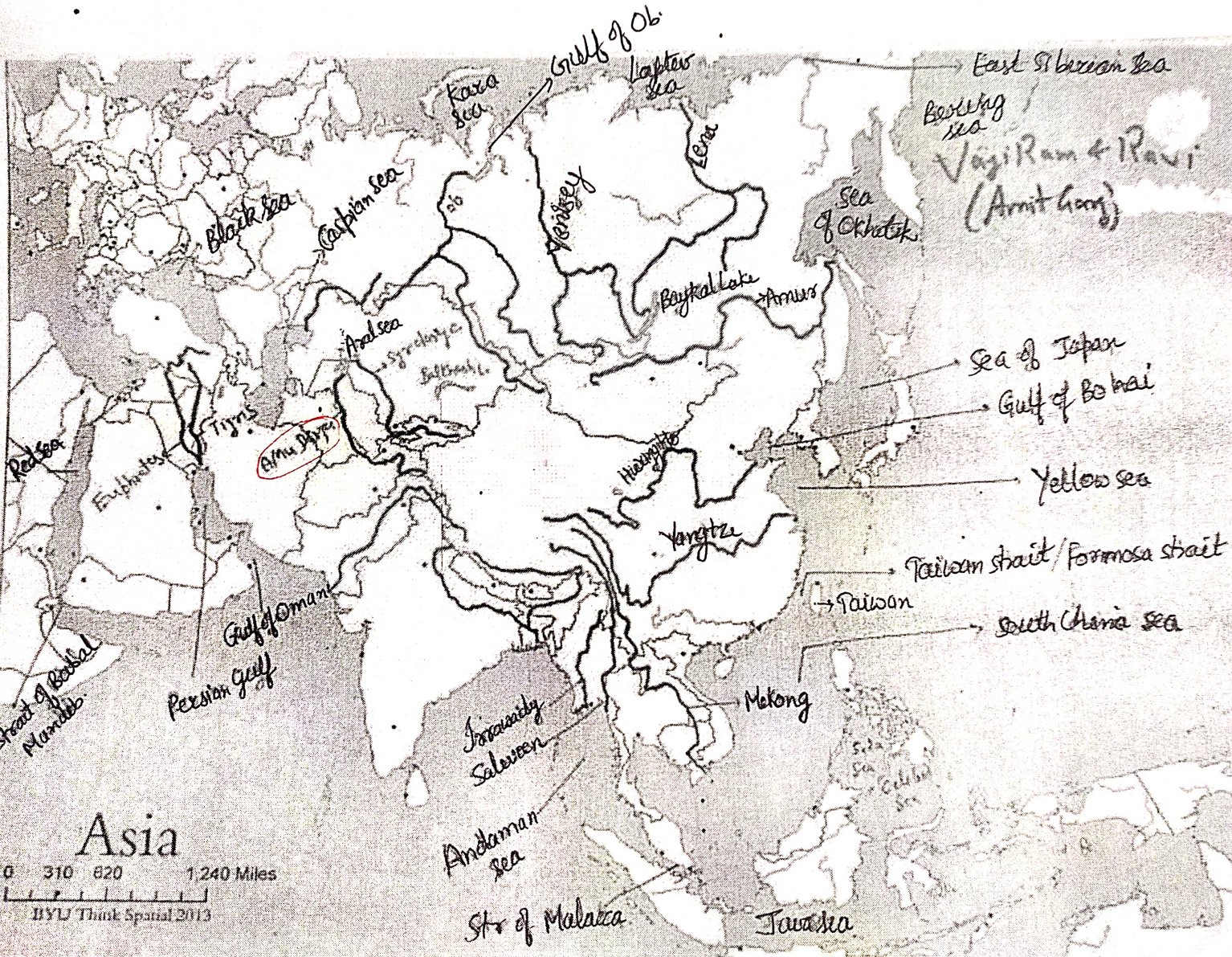
Mongolia (Mongolia) Altai Mt
 → Russia



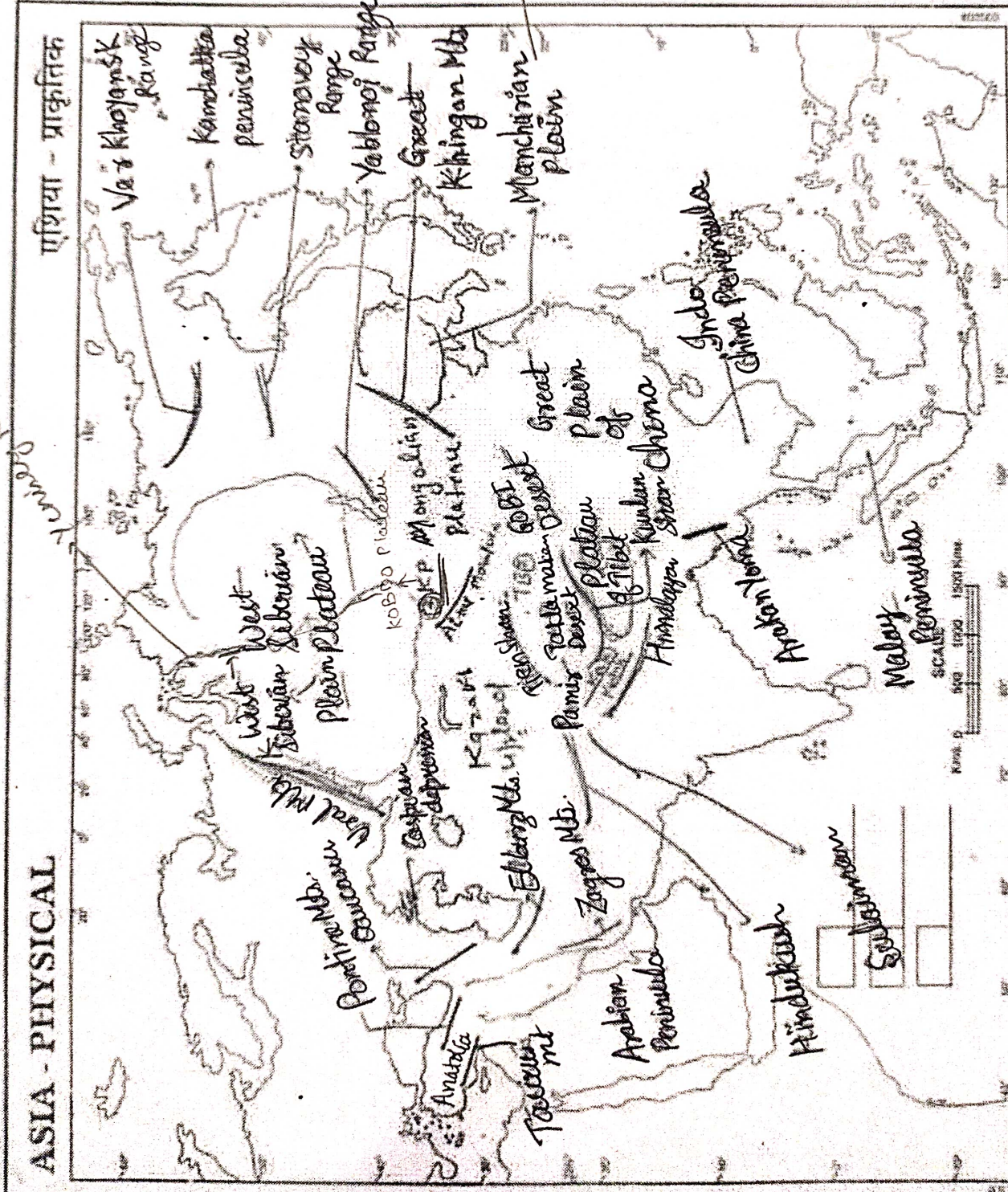
OYL
 OYE Ladke

largest freshwater L by volume
 deepest body of water
 continental rift lake

Amur
 HuangHo
 Yangtze



ASIA - PHYSICAL



एशिया - प्राकृतिक

1. T.M. → Takla Makhan Desert
2. T.B. → Terim Basin
3. K.P. → Kobi Plateau
4. K. → Kara Kumum

Yablonoj Range

Amur River

Vojilovsk Ravi

(Amir Koy)

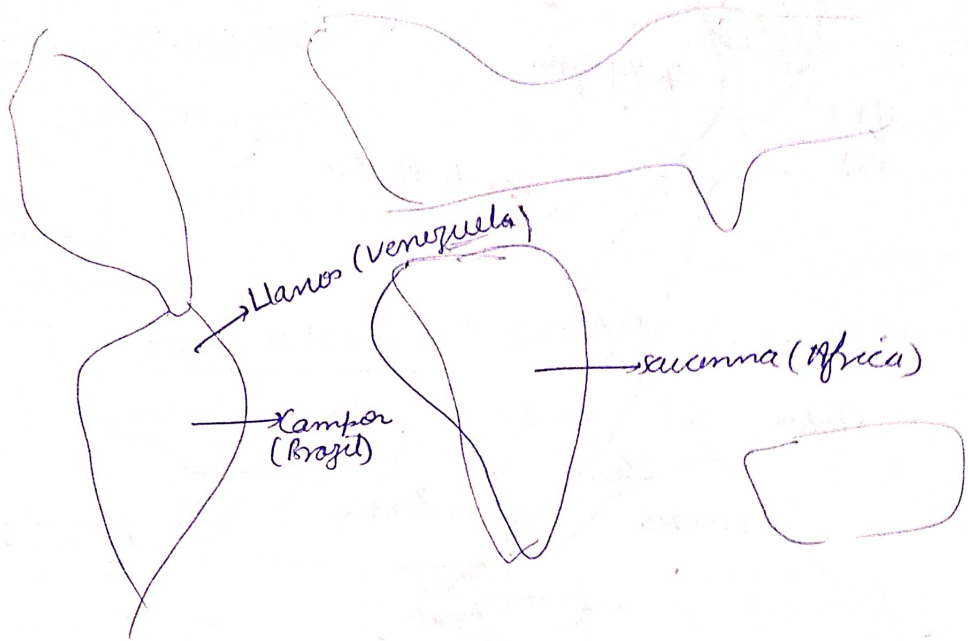
TEACHER'S SIGNATURE

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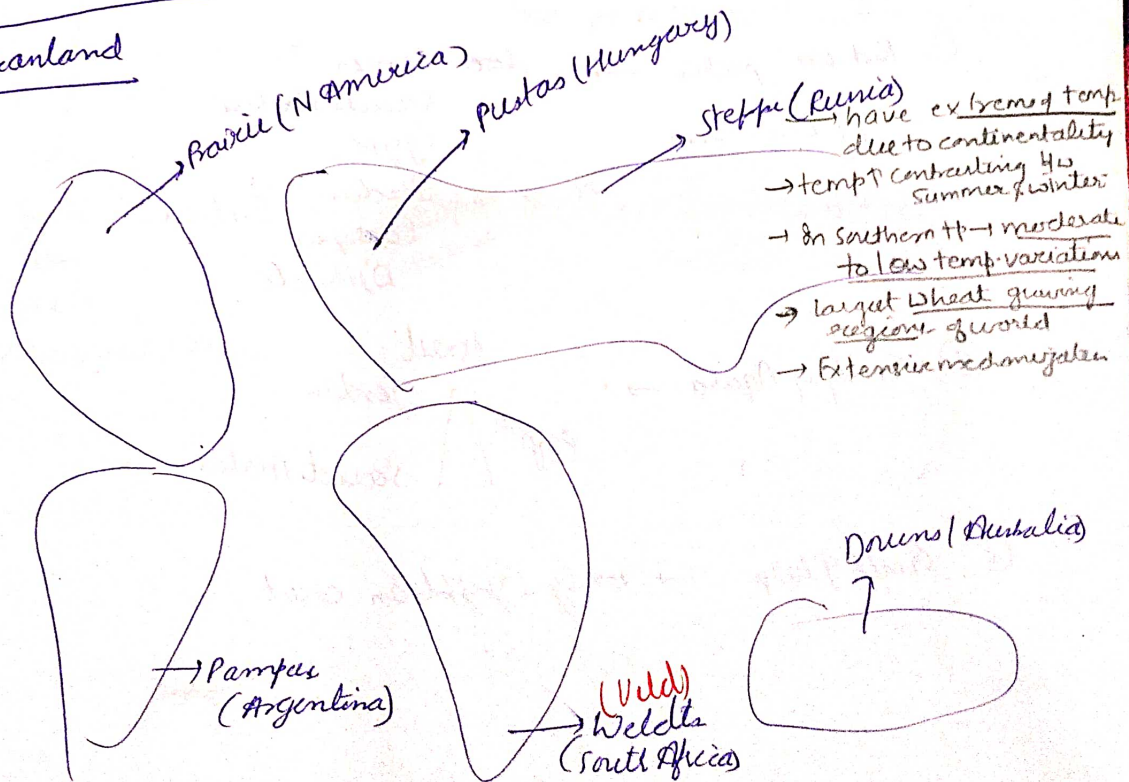
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1. Based upon Survey of India map with the permission of the Survey General of India.
2. The horizontal meters of this map are measured from the appropriate datum.

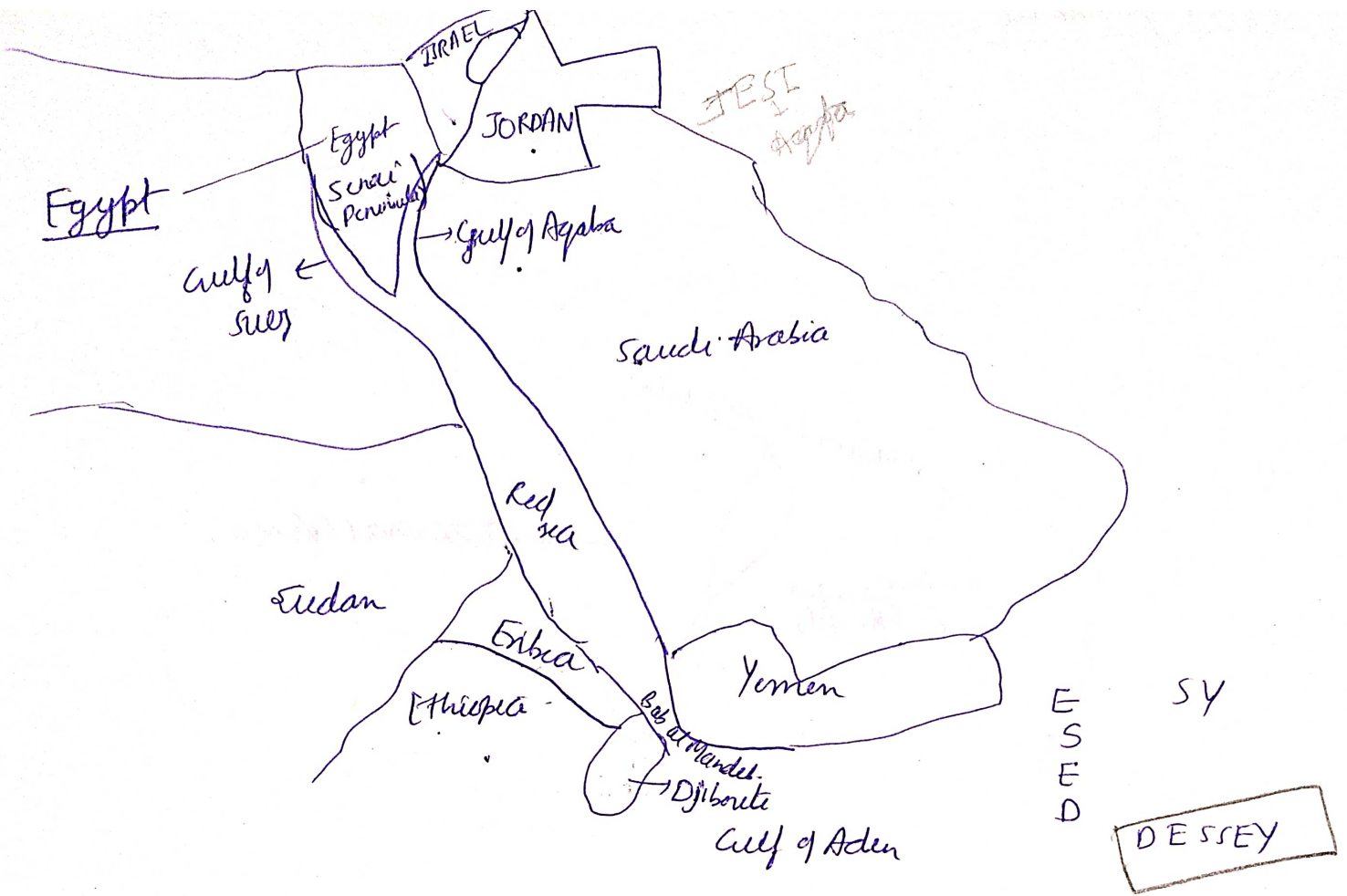
Tropical grassland



Temperate grassland



OK
+
dy



① Red sea proper →
(7 countries)

Yemen
Saudi Arabia
Egypt
Sudan
Eritrea
Ethiopia
Djibouti

② Gulf of Aqaba →

Israel
Jordan
Egypt
Saudi Arabia

③ Gulf of Suez → only Egyptian coast.

3500 Miles long

Ethiopia to Mozambique

~~3700~~ 35 m yrs old

Volcanic
Wasteland → Ethiopia, Eritrea & Djibouti
& that upheaval

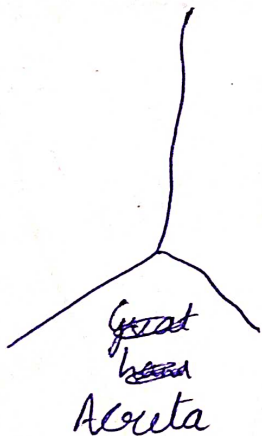
Danakil
~~Basin~~ Depression is the hottest place on Earth (country →)

The gateway to hell White gold = salt

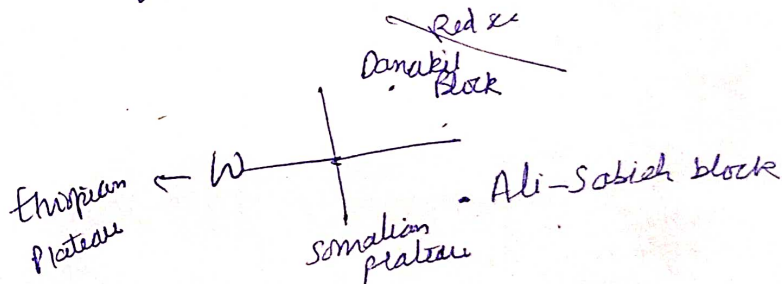
high fluoride water.

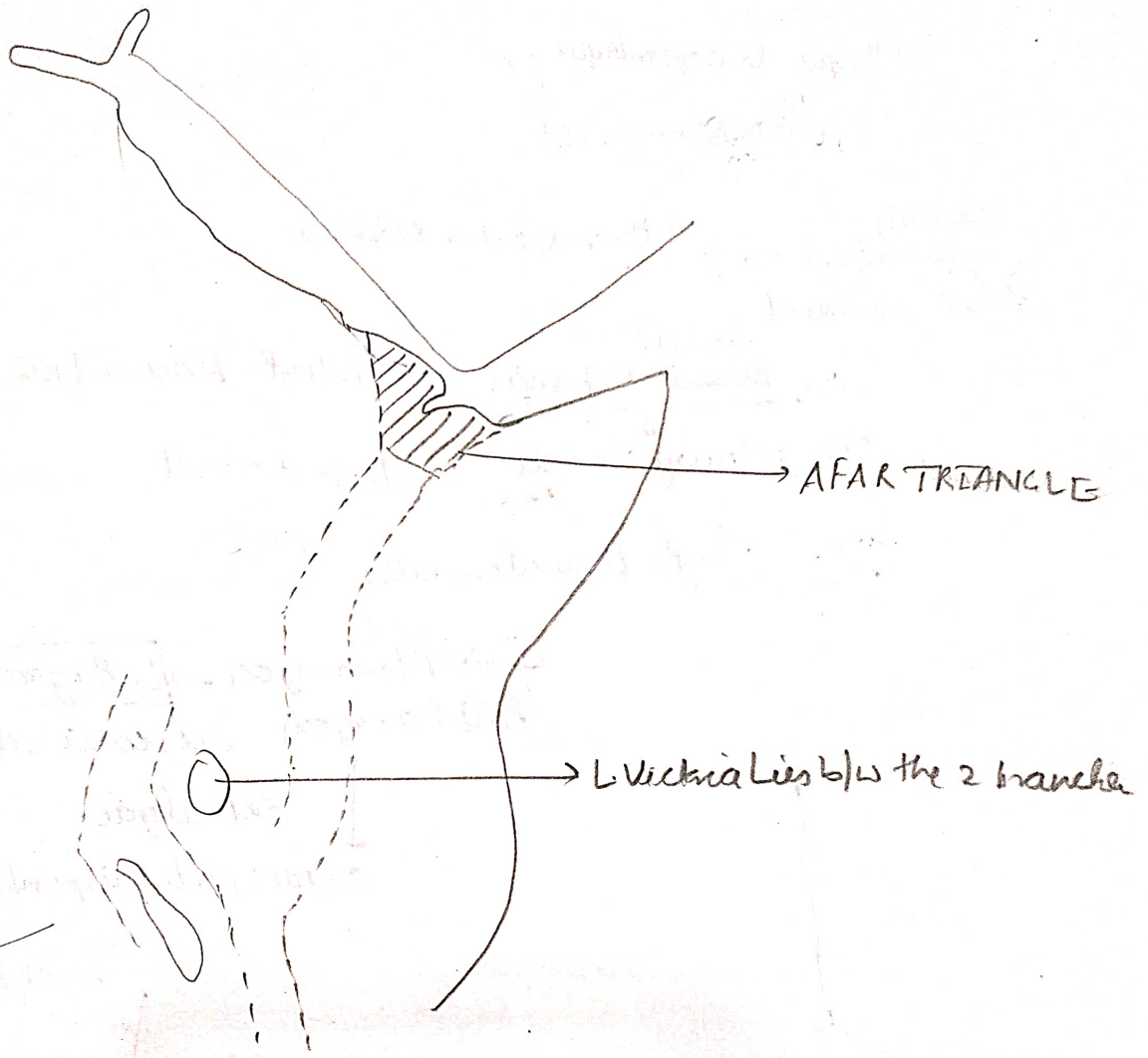
Lesser Flamingoes → L. Bagoria
(Pink Flamingoes) ✓ corrosion alkaline water

eat algae
↓
algae puts this pink colour in them.



a V hard part of E's crust





Western Rift
 ||
 Albertine Rift

bordered by mts

- > Virunga
- > Mt Kenya
- > Ruwenzori Range

L. Tanganyika (deepest of Africa)
 L longest of world.

Lake Van → saltiest lake

TURKEY

IRAN

MEDITERRANEAN SEA

VOLCANIC Plateau [Druze people] LEBANON

GOLAN HEIGHTS

A line (Israeli army)
B line (Syrian Army)
Area of separation
acc to separation of force Agreement 1974

Aleppo

Idlib

Hama

Palmyra

Damascus

Al Masakah

Raqqa

L-ASAB

Euphrates R.

Tigris R.

IRAQ

1. Aleppo

2. Idlib

3. Al Raqqa

4. Dier Azor

5. Baghuz

6. Damascus

AIRPDBD

Tel Aviv
Jerusalem

WEST BANK

SEA OF GALILEE/Tiberias Lake

JORDAN R.

DEAD SEA (Salt Water Lake)

ISRAEL

JORDAN

GAZA STRIP

PORT SAID

SINAI Peninsula

PT

EGY

PORT SAID

Gulf of Suez

SUDAN

SUDAN

SUDAN

SUDAN

SUDAN

SUDAN

SUDAN

SUDAN

SUDAN

SUDAN

SUDAN

SUDAN

SUDAN

SUDAN

SUDAN

SUDAN

Druze people of syrian origin

- live on Golan
- monotheistic Abrahamic religion - Ismaili Shia Islam (good to Bashar)

Reins in Syria

- Banais, Dan, Halabani

Quneitra → Syrian side of Golan.

Sea of Galilee → Israel seized from Syria during 6 day war 1967 & has occupied ever since.

Syrian forces made an abortive bid to take it back during the Yom Kippur war of 1973.

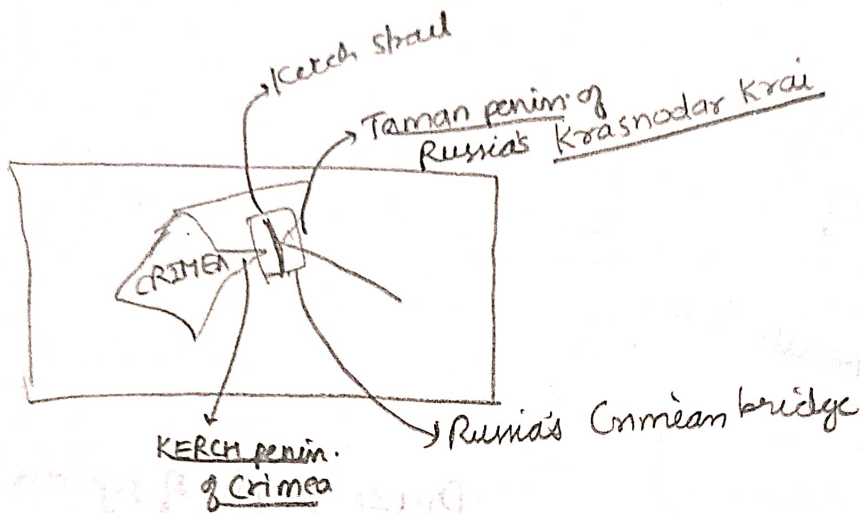
Baghuz → the last town under ISIS control.

Dead Sea → Rift Valley lake
→ deepest point of Asia
→ World's lowest lake.

Hurghada (Al-Ghardaka)

Muata Alam.

RED SEA



Caspian sea

- ▶ ≤ 15 nm \rightarrow territorial waters.
- ▶ 15 nm - 25 nm \rightarrow EEZ
- ▶ > 25 nm \rightarrow open sea

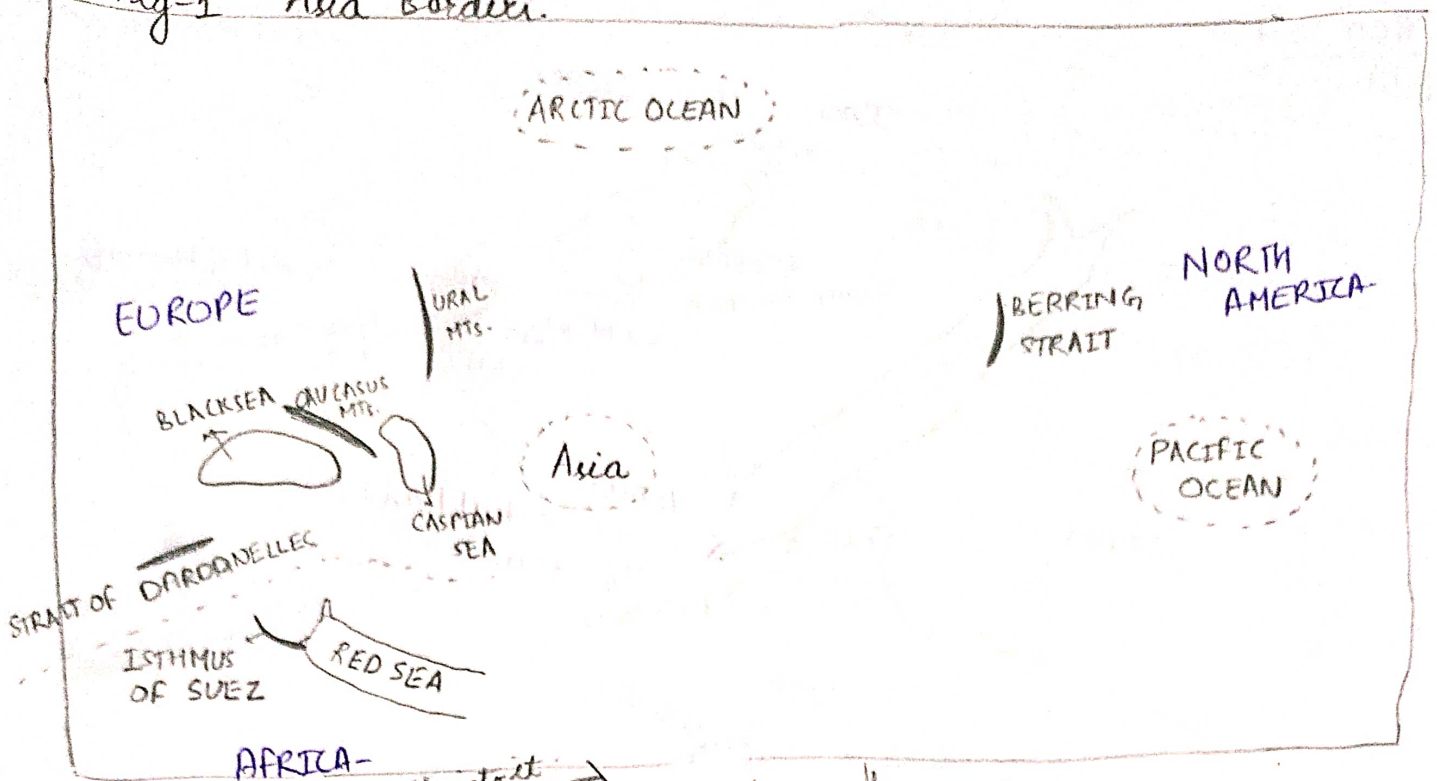
Sea of Azov \rightarrow shallowest sea in the world

[0.9 - 14 mtr]

\rightarrow Constant outflow of water from the Sea of Azov to Black sea.

\rightarrow Don & Kuban River

Fig-1 Asia Borders.

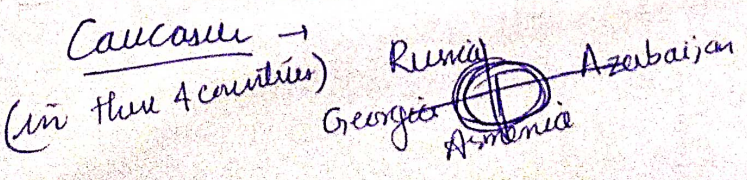
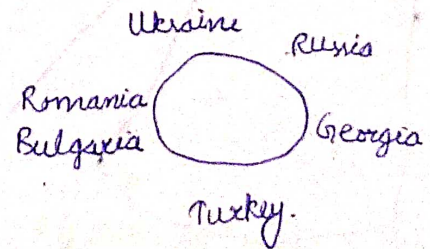


Ural → Russia & Kazakhstan

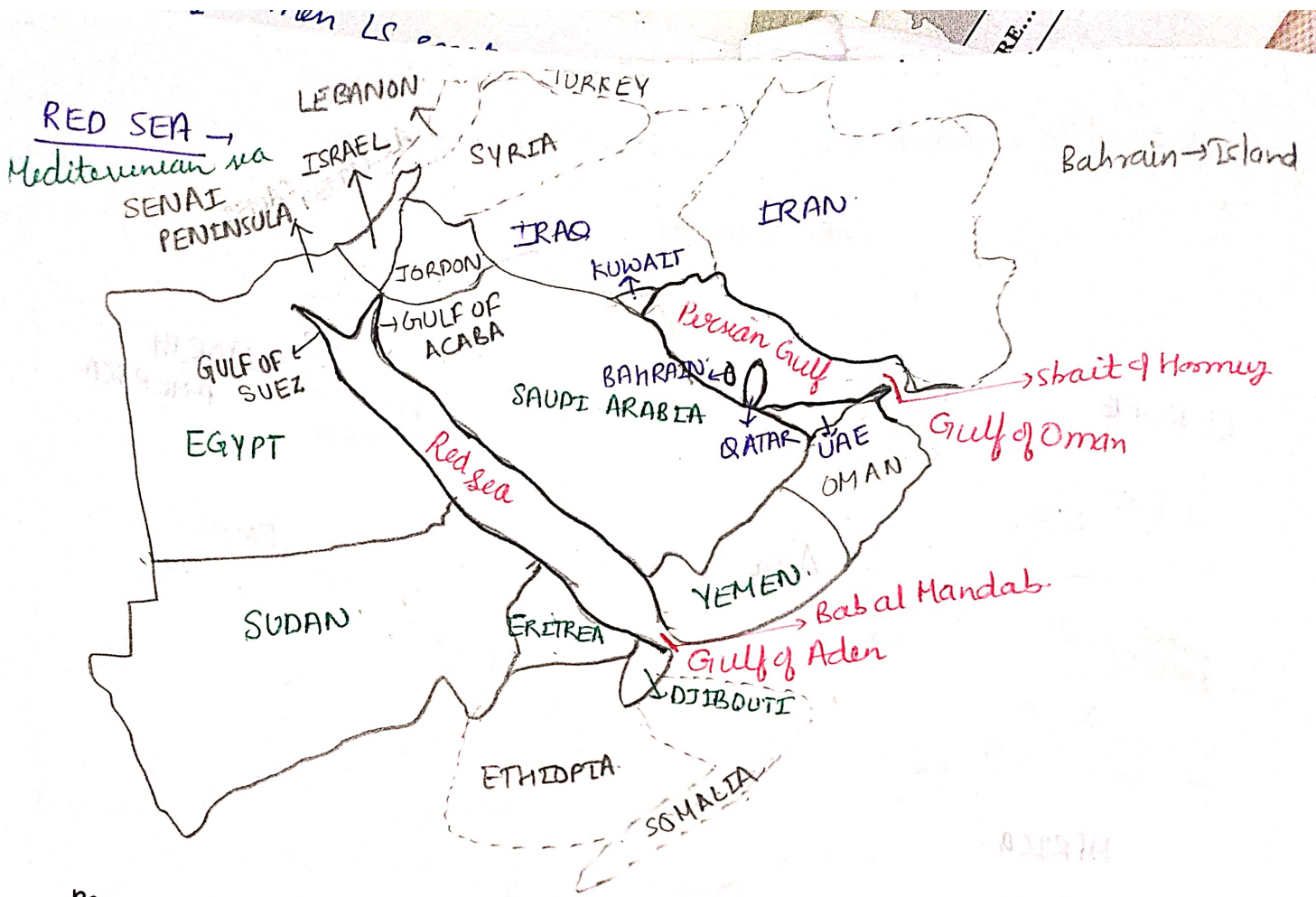
Caspian sea → TURK [Turkmenistan]



Black sea → BURG T

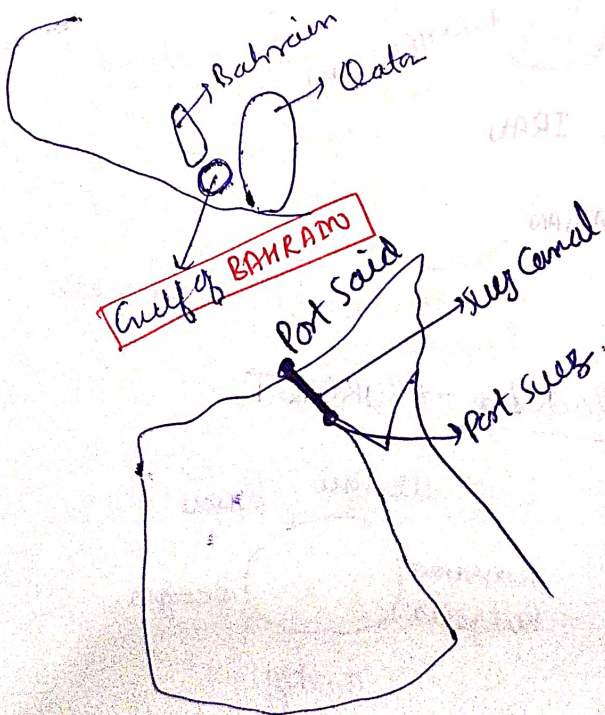


The Caucasus is the region located at the border of Europe & Asia, situated by the Black sea & Caspian sea occupied by these 4 countries.

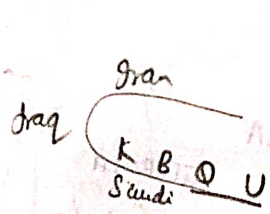


RED SEA

DESSEY



PERSIAN GULF (7)



- Iran
- ~~Iraq~~ Qatar } Saudi coast
- UAE
- Saudi Arabia
- Bahrain (on an island)
- Kuwait
- Iraq

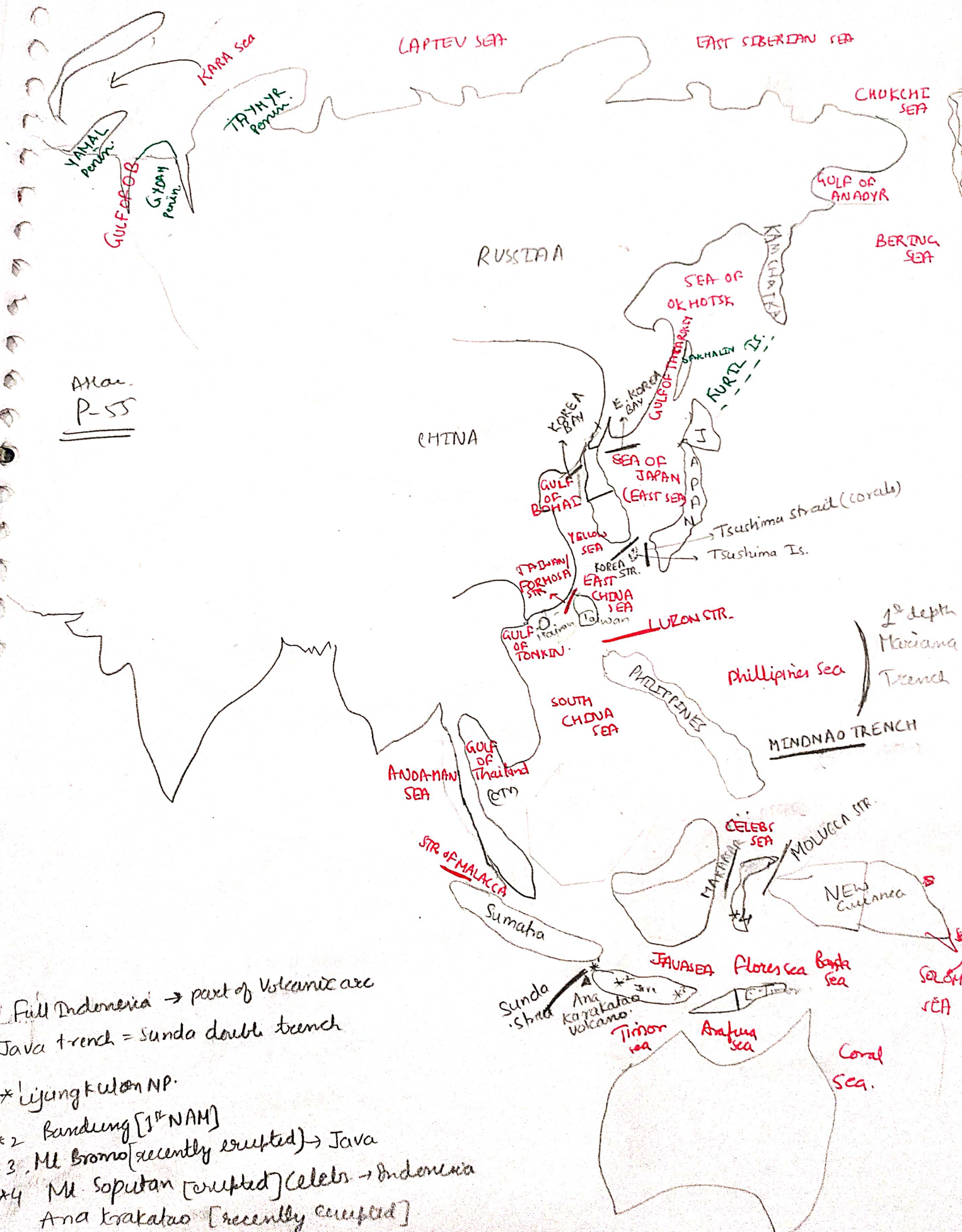
OMAN

Oman's enclave Musandam

Gulf of Oman

- UAE
- Oman
- Iran

GCC →



Area P-55

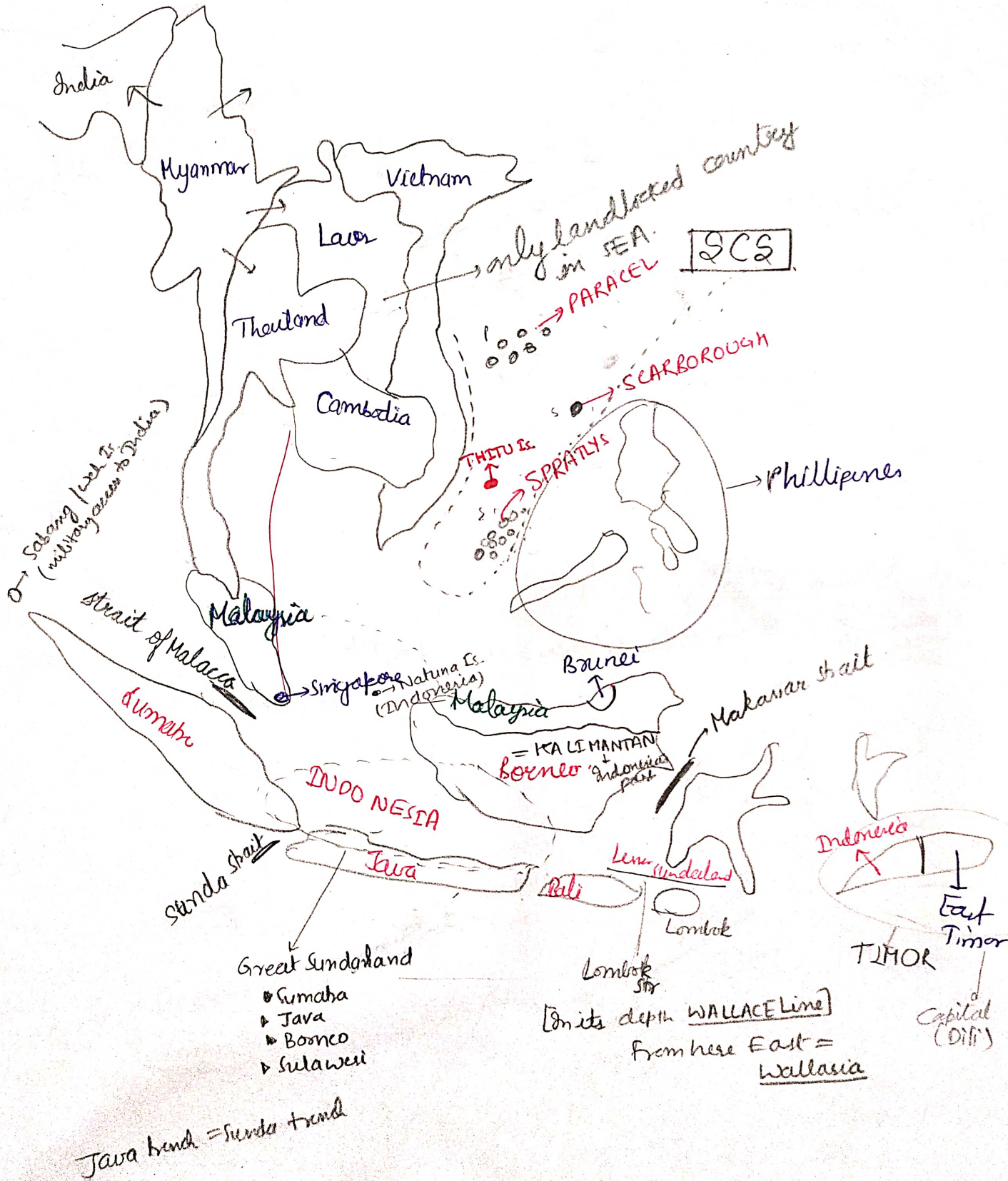
Full Indonesia → part of Volcanic arc
 Java trench = Sunda double trench

- * 1 Lijungkulon NP.
- * 2 Bandung [1st NAM]
- * 3 Mt Bromo [recently erupted] → Java
- * 4 Mt Soputan [erupted] Celebs → Indonesia
- Ana Krakatau [recently erupted]

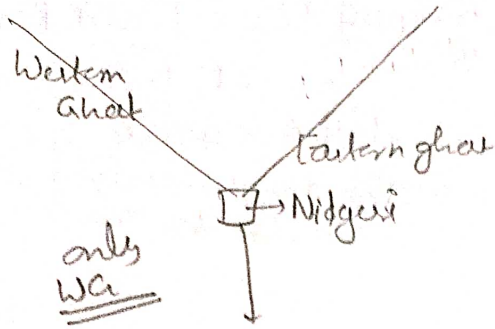
Thitu Is. → Pagasa Island (Manila held)

↳ disputed Island between China & Philippines

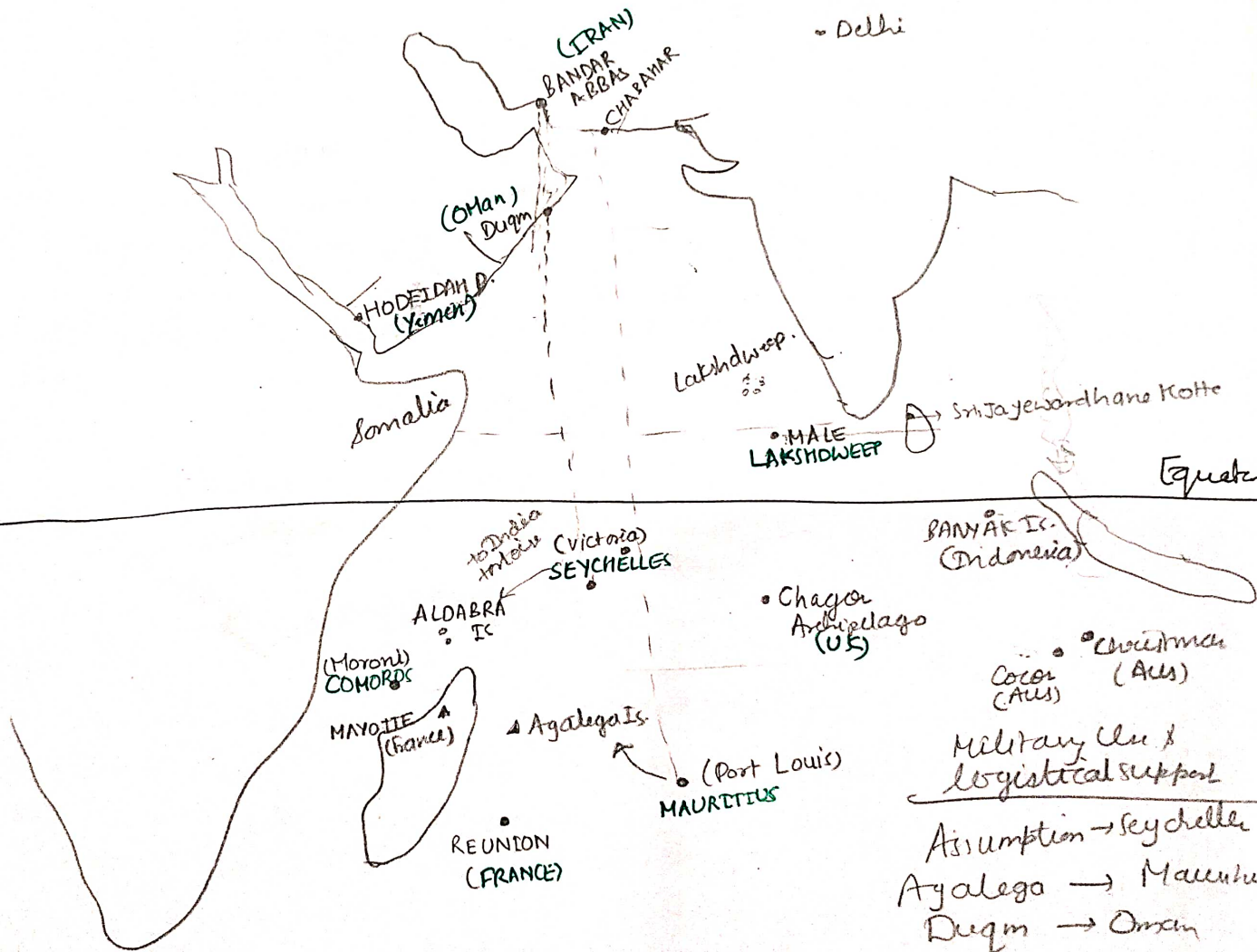
Parcel scared with spray
↓
Parcel Scarborough spratley



Panor
Nidgeri



Ports

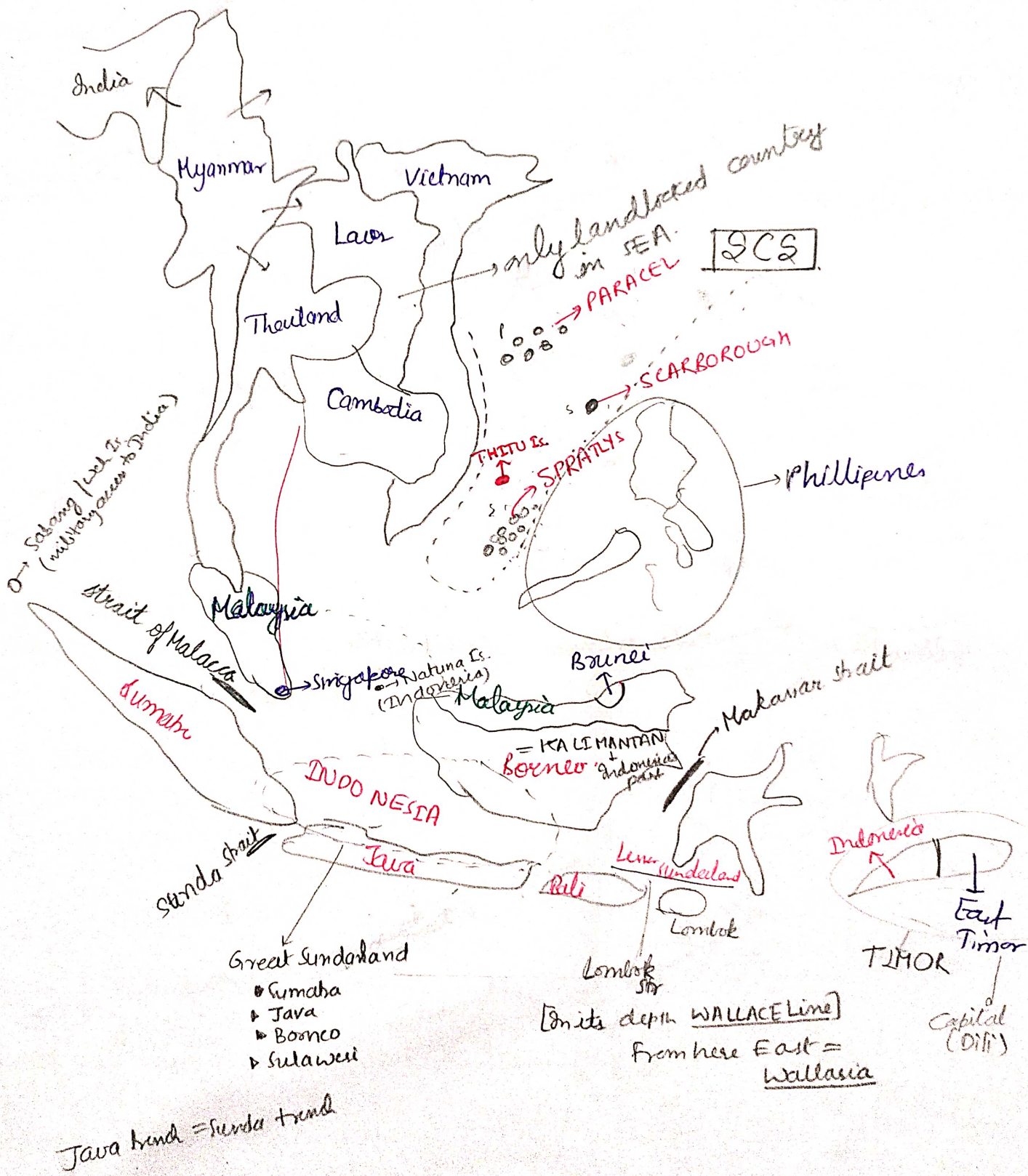


Military Use & logistical support
 Assumption → Seychelle
 Agalega → Mauritius
 Duqm → Oman

China in Maldives
 Adoo Atoll
 Hudhud Atoll

Thitu Is. → Pagasa Island (Manila held)
 ↳ disputed Island between China & Philippines

Parcel scared with spray
 ↓
 Parcel Scarborough spratley



en LS east

RE...

Altai (Mongolia) → gold

Tien Shan (Tajik Basin)
Tajik River

→ Takla Makan Desert

Altun Shan

Kunlun Shan Mts

PAMIRS

[Amu Darya to Indus]
= Caucasus & Indian
Hindukush

Afganistan

Pakistan

Karakoram → K₂ / Godwin Austen

Ladakh Range
Zaskar Range

SHIVALIK RANGE
Dhauladhar

HIMALAYAS

Plateau of Tibet

Mt Kailash

→ Yunan

American Knot
Caucasus

Elbruz Mt

Hindukush → Pamir

→ Southern extension = Selaamian Mts.

↓ which is
= Kiltar (in South)

Armenia
Caucasus

Zagros Mt.

Iran
Pakistan

Makran Coast

Makran → Iran
Pakistan

P-44 (Atlas)

Cold desert → J&K, HP
Pathankot → Beas (Himadri)
↓
Chatti

Chatti (Rabi)
↓
Beas

Plateau of Madagascar

Liberian Plateau

Tien Shan
Mongolian Plateau → highest plateau above sea level

Pamir Plateau [ROOF of the world] 4900m

Kunlun Shan
Plateau of Tibet → largest plateau in the world
YUNAN Plateau

Arabia plateau
→ Anatolia Turkey

Caspian sea

Iranian plateau

Gulistanik Tigris R.

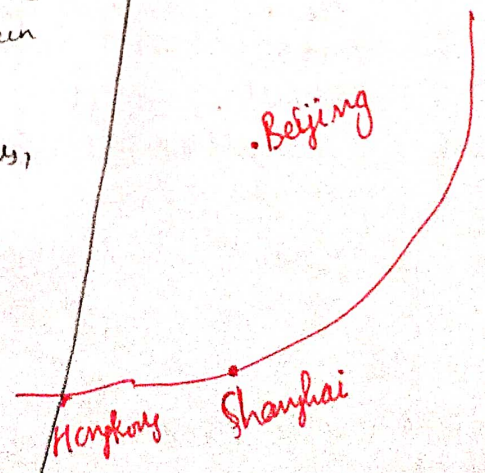
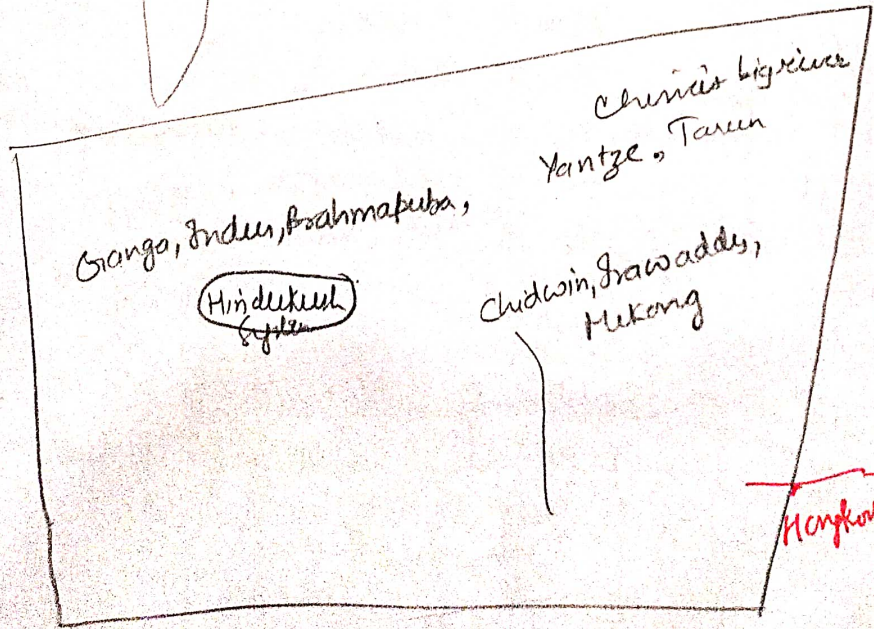
Tor Plateau

Marra plateau

Deccan Plateau

Shan Plateau
KORAT Plateau
Lao Plateau
Yunnan Plateau

Salween R. → Shan Plateau



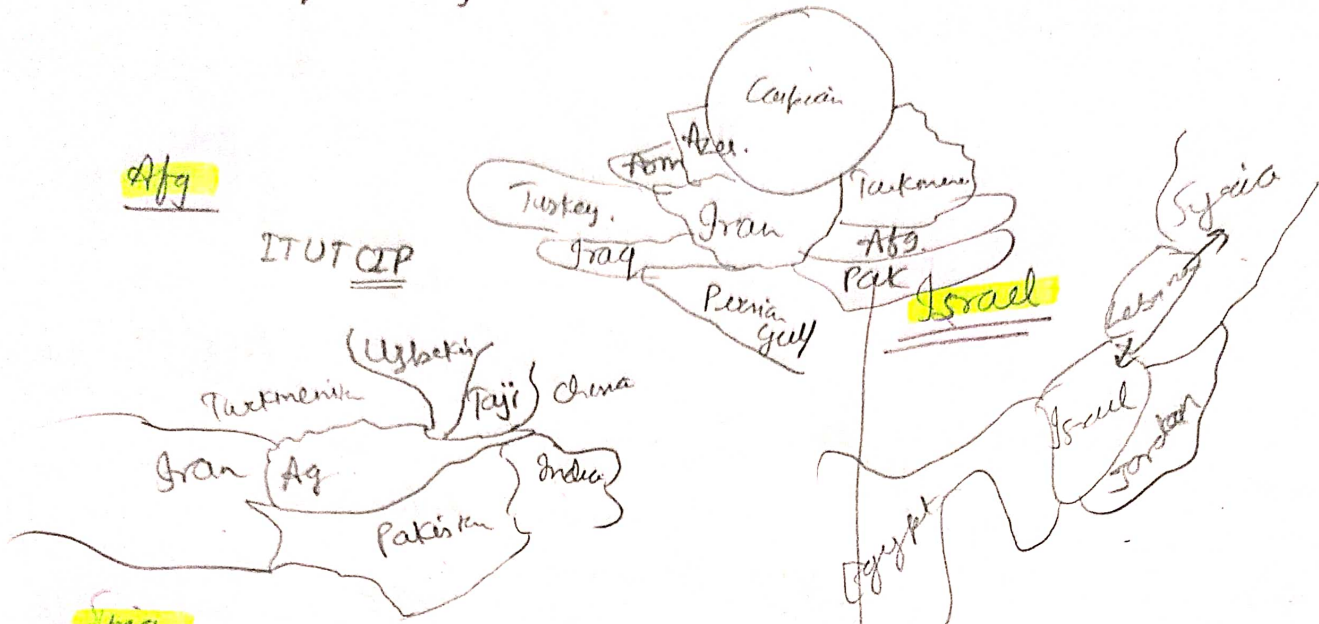
Iran

→ ITAANTAP (7)

Iraq Turkey Armenia Azer Turk Afg Pak

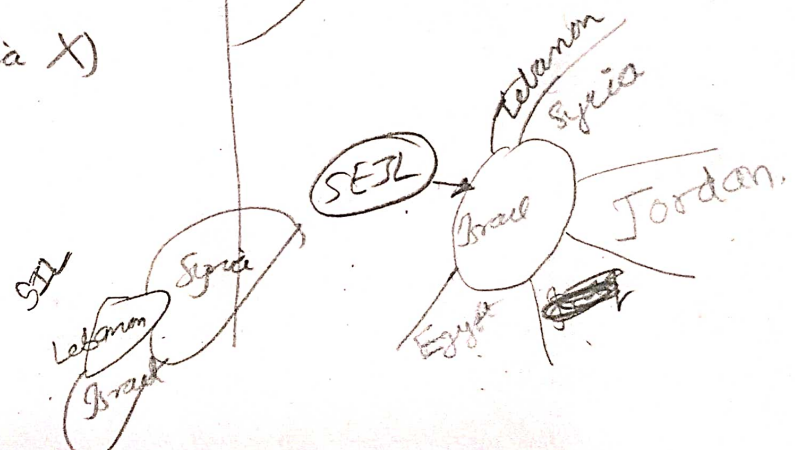
Afg

ITUTQIP



Syria

TIJIL (Saudi Arabia X)



N to S

APC	A (Hoor Sultan)	Arana → Kazak
Thoda	B	Bishkek → Kyrgyzstan
Das	T	Tashkent → Uzbekistan
ab	D	Duhambe → Tajikistan
	A	Arghabat → Turkmenistan
		Kabul → Afg
		Islamabad → Pak

K₂ UT
K I ND Delhi
Tehran
K₂ U T U T J

* New Delhi

Saudi Arabia →
Riyadh
Abu Dhabi
Muscat
Medina
Mecca
Sana

Dubai
Abu Dhabi

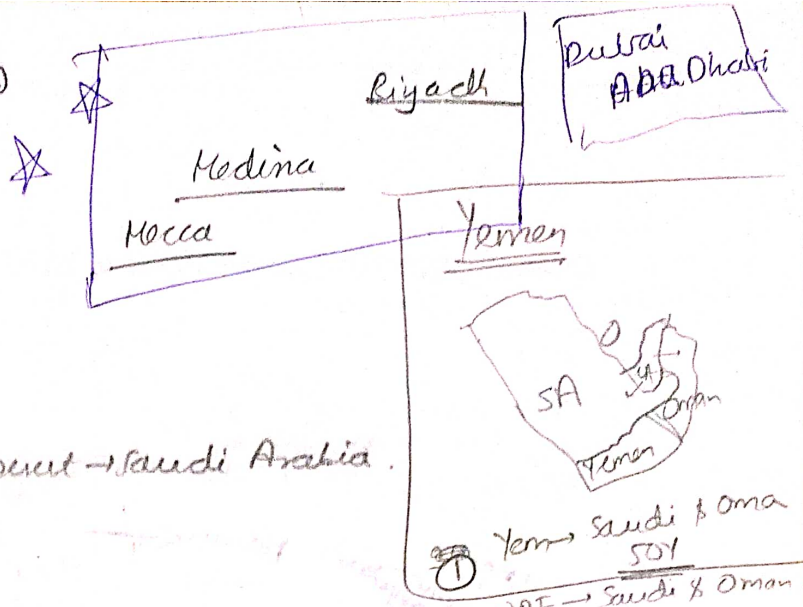
N to S

Ankur A	Ankara (Turkey)
The T	Tehran (Iran)
do B	Beirut (Lebanon) (Boy ki Barat)
do D	Damascus (Syria)
Bly B	Baghdad (Iraq)
joiffully A	Amman (Jordan) → Tel Aviv
Joiffully J	Jerusalem

amir K	Qatar City
Mom M	Muscat (Oman)
do D	Doha (Qatar)
seal R	Riyadh (Saudi Arabia)
act A	Abu Dhabi (UAE)
manily M.	Muscat (Oman)
S	Sana (Yemen)

N → S.

Mowl (Iraq)
Aleppo (Syria)
Damascus (Syria)



Akkad Mt → Oman

Am Nafud → Great Sandy desert → Saudi Arabia.

Caspian sea rivers

Volga → Russia
 Ural → Kazakhstan
 Terek river R. (Russia)
 Kura river R. → Iran
 Sefidrud R.
 Atrek R. → Turkmenistan
 (from Iran/Turk borders)

Axal sea rivers

Amur Darya } from Hindukush
 Syr Darya }

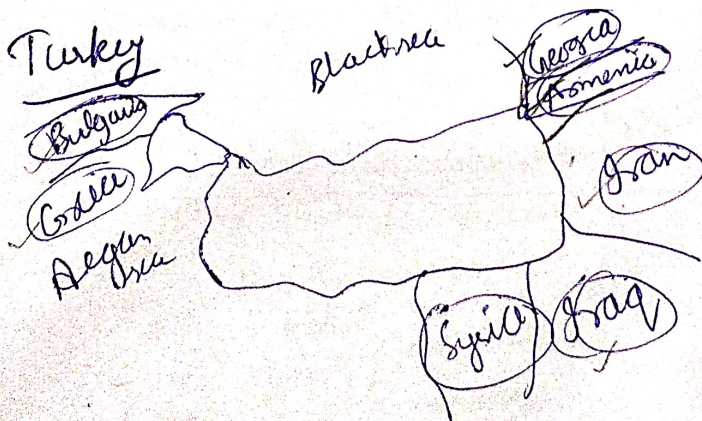
Black sea

Danubie (Romania)
 Prut R. (Romania)
 Dniester R. } Ukraine
 South Bug }
 Dnieper
 Don } Sea of Azov [shallowest sea]
 Kuban }
 Sakarya R. → Turkey

Ankara
Beirut



BIG GAALS

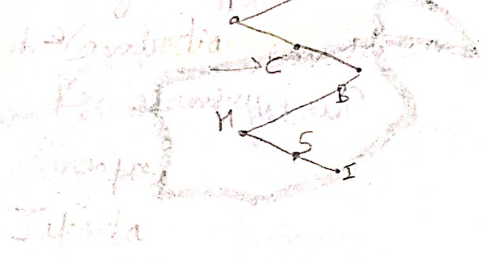


Beijing B
 P
 Pyonggang S
 T
 Seoul NO S
 T
 Tokyo DSM

Shanghai Taipei
 Dhaka
 Hongkong

Hanoi (Vietnam)
 N. H. Macau
 Autonomous
 Vietnam

M. Manila (Philippines)
 Bangkok (Thailand)



New Delhi
 Xiomen
 Macau

Hanoi
 Nair
 very
 mighty
 boy

Phnom
 Bandar
 Kuala
 Lumpur
 Singapore
 Jakarta

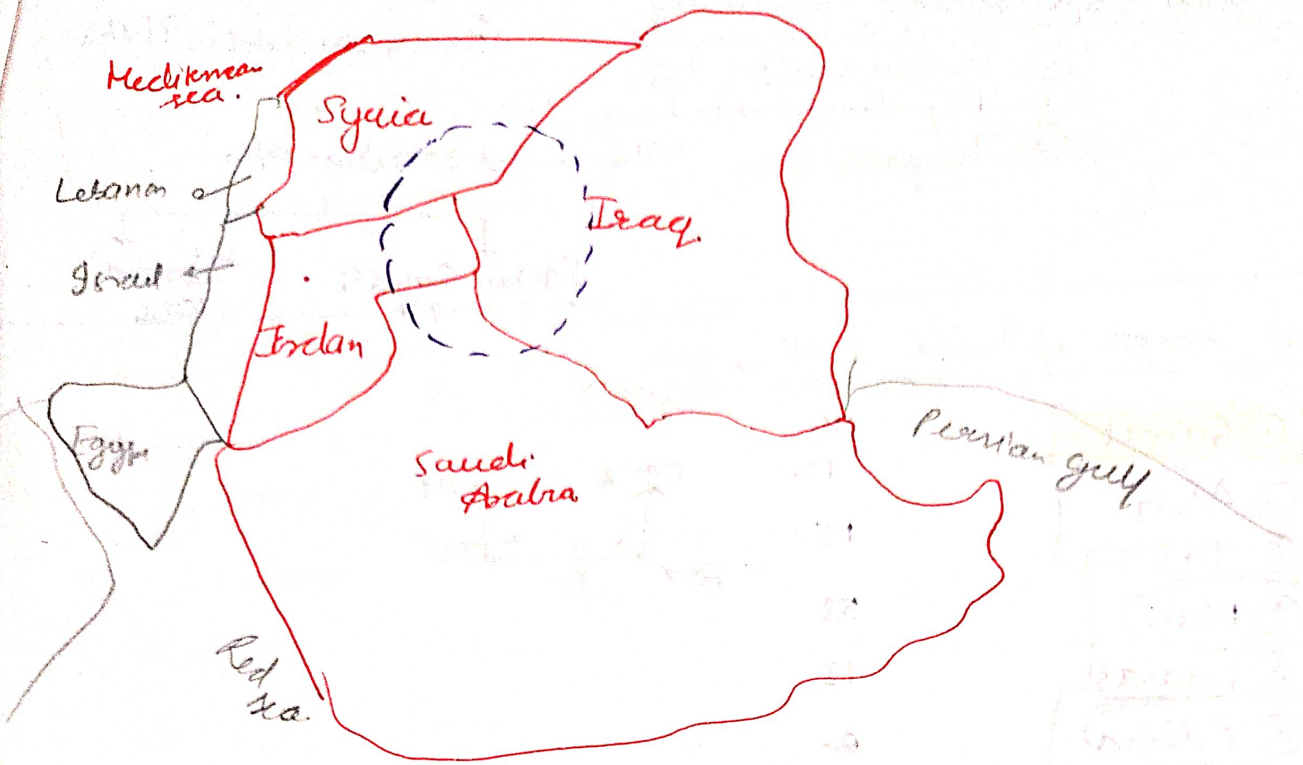
Beijing (China)
 Pyonggang (N. Korea)
 Seoul (S. Korea)
 Tokyo (Japan)
 Shanghai (China)
 Taipei (Taiwan)
 Dhaka (Bangladesh)
 Hongkong (China)

Hanoi (Vietnam) ✓
 Naypyidaw (Myanmar) ✓
 Vientiane (Laos) ✓
 Manila (Philippines)
 Bangkok (Thailand)
 Phnom Penh (Cambodia) ✓
 Bandar Seri Begawan (Brunei)
 Kuala Lumpur (Malaysia)
 Singapore
 Jakarta (Indonesia)

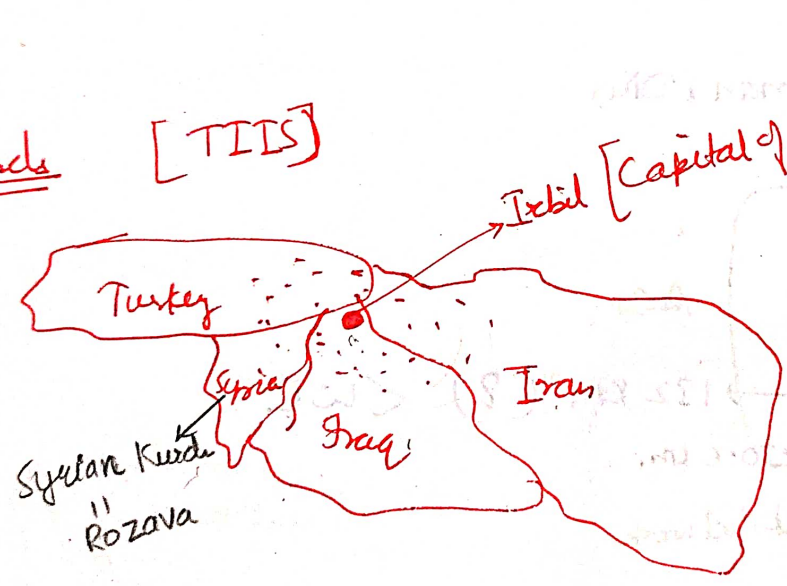
H N V M B P B K S T

Happy Namyan very much | boy prays badly + Kennis safe Journey

Syria Desert | Badiyat al-sham [TISS]



Kurds [TIIS]



largest states nation group in the world.

