

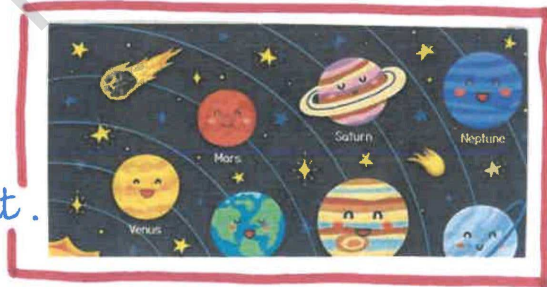
# GK MINDMAP

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## GK Mindmap GEOGRAPHY



- Trick to Remember - Mediterranean Sea.
- " " " " Red Sea, Caspian Sea, Persian Gulf
- " " " " Aral Sea, Black Sea, Baltic Sea, Adriatic Sea.
- Solar System + facts
- The Planets.
- Light year, Astronomical Unit.
- The Earth, Earth Movements
- Rotation/Revolution. - Latitude - Longitude.
- All Imp. lines - Summer Solstices. Winter Solstices.
- Countries on TROPIC OF CAPRICORN
- " " PRIME MERIDIAN.
- " " EQUATOR
- " " TROPIC OF CANCER - INDIA WORLD.
- Statistical Data of Earth
- Obliquity, Poles, Coriolis, Ferrel's
- Solar & Lunar Eclipse. - Lose Day / Gain a Day



+ Oceans, Rivers etc.



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- Interior of Earth
- Major Discontinuities within the Earth.
- Rocks - Atmosphere and its Layer
- Soils of India - Elements + Map.

- Alluvial, Black Cotton, Laterite, Peaty,
- Saline, Forest Soil, Red & Yellow Soil.
- Cropping Patterns & Major Crops of India.
- Seasons - RABI, KHARIF, ZAID,
- Crops - Rice, Wheat, Millets, Maize, Pulses, Sugarcane, Oilseeds,

- Shifting Cultivation, Plantation Crops.
- Tea, Coffee, Rubber, fibre, Cotton, Jute, Spices,
- Top Fruit Producing State.

- Landforms of the Earth.
- Groundwater, Coastal, Wind,
- Continents - Asia.

- South America

- Europe

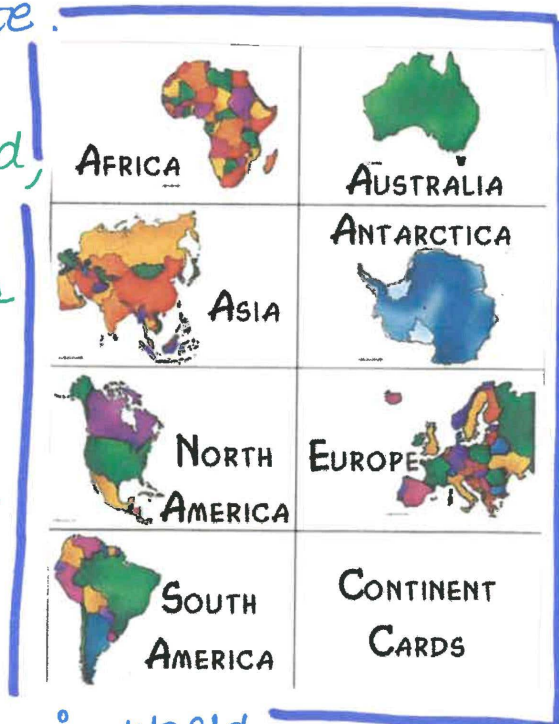
- Africa

- North America

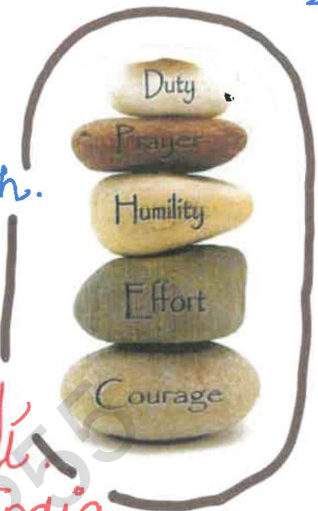
- Central ))

- Australia

- Antarctica



- Largest in World, Smallest in World.
- Rock Cycle. - Clouds - India's Location.



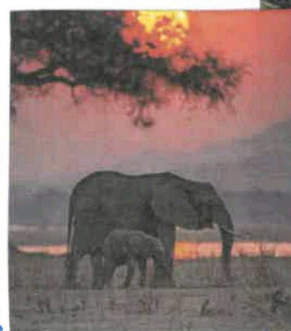
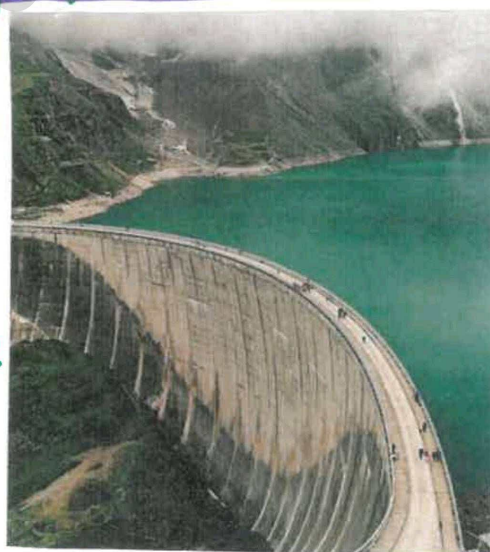


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3.

- Isolines.
- India & its Neighbouring Countries.
- Imp Boundaries.
- India states with International Border.
- Islands of India.
- Andaman & Nicobars. + Lakshadweep.
- Himalayas. - Mountain Passes.
- Oceans of the Earth.
- Ocean Currents.
- Plateau in India. - Topography of India.
- Cyclone  $\left\{ \begin{array}{l} \text{Tropical} \\ \text{Temperate} \end{array} \right.$
- River Dispute in India.
- Straits of the World.
- Imp Dams in India.
- Major Thermal power Stations
- Nuclear Power Stations.
- Hydro Power Plants.
- Imp Rivers.
- Imp Wetlands. - Waterfalls.
- Tiger Reserves.
- Rivers in India.  $\left\{ \begin{array}{l} \text{Origin} \\ \text{States} \end{array} \right.$
- " " World.
- Indus etc, Prayags.
- Imp Hills. - Coastal Plains
- Highest Peaks in India.

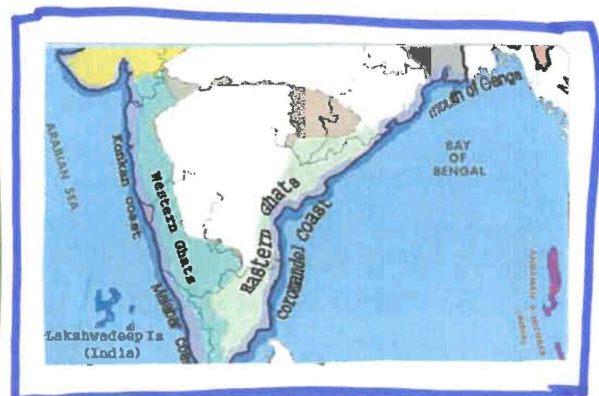
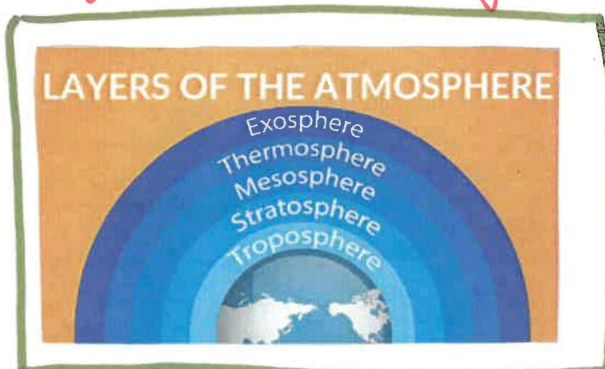




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- Imp Deserts of the World.
- Mountain Ranges & Peaks.
- Imp Coal Mines in India.
- Winds.
- Lakes in India & World.
- Imp Ghats in India.
- National Parks in India.
- Biosphere Reserves in India.
- WLS / NP / Biosphere Reserves
- Name./State/Type/ Fauna.
- Sea ports in India.
- Ancient Names of Cities.
- Tribal Community.
- Grasslands of the world.
- Natural Vegetation.
- Ramsar Sites in India + facts.
- Global Warming
- Quiz on Ozone layer.





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## TRICK TO REMEMBER MEDITERRANEAN SEA

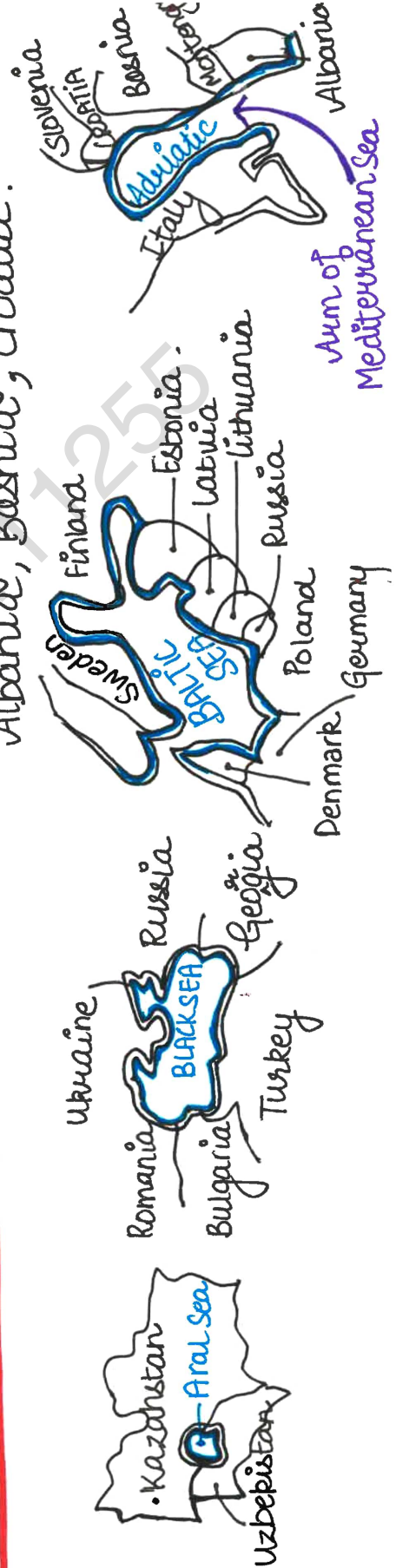


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## TRICK TO REMEMBER COUNTRIES TOUCHING

- ARAL SEA → (U<sub>z</sub>K<sub>z</sub>)<sup>TRICK</sup> - Kazakhstan, Uzbekistan.
- BLACK SEA → (T-BURGER)<sup>TRICK</sup> - Turkey, Bulgaria, Ukraine, Russia, Georgia, Romania.
- BALTIC SEA → (DR GF SELL P)<sup>TRICK</sup> - Denmark, Russia, Germany, Finland, Sweden, Poland.
- ADRIATIC SEA → (MIS ABC)<sup>TRICK</sup> - Montenegro, Italy, Slovenia, Albania, Bosnia, Croatia.





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## The EARTH

(1)

- Earth also called 'Blue Planet'
- Average Distance from Sun is 149 million Kilometers.

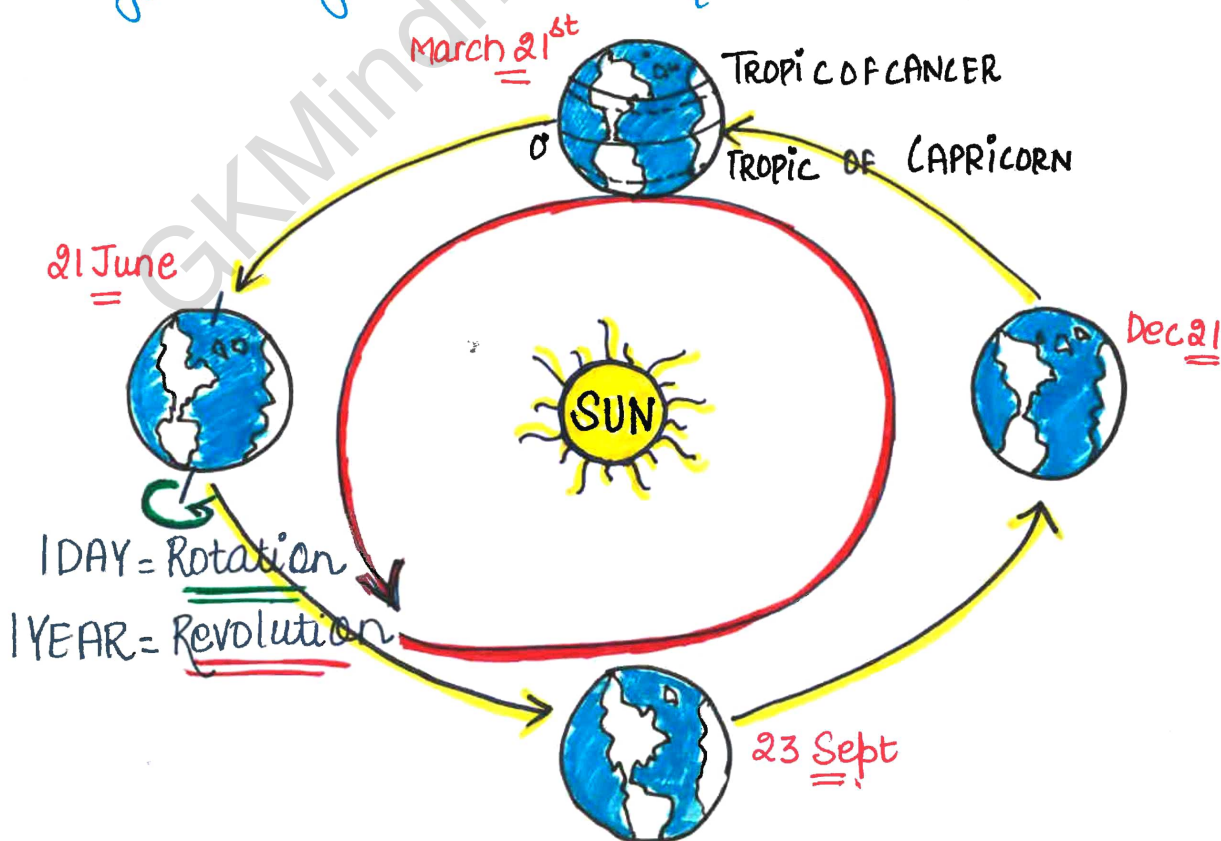
## EARTH MOVEMENTS

### → ROTATION

- Spin on its imaginary axis from West to east.
- In 23 hrs, 56 min 40.91 Second.

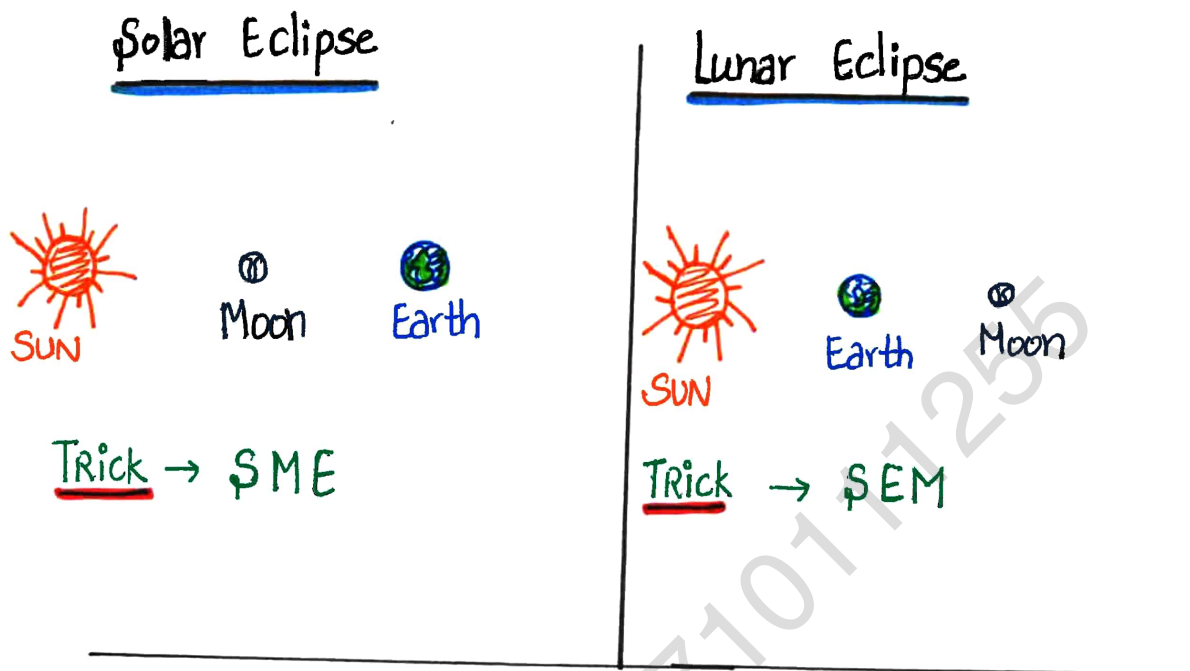
#### Rotation Results in

1. Causation of Days & Night.
2. Change in the Direction of Wind and Ocean Currents.
3. longest Day in North Hemisphere 21 June
4. Shortest Day 22 December.
5. Days and Night are Almost equal at the equator.



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Earth



West - Lose - subtract

India to USA - Lose a day - Time subtract

Trick → WLS

Earth



East - Gain - Add

India to Japan - Gain a day - Time Added

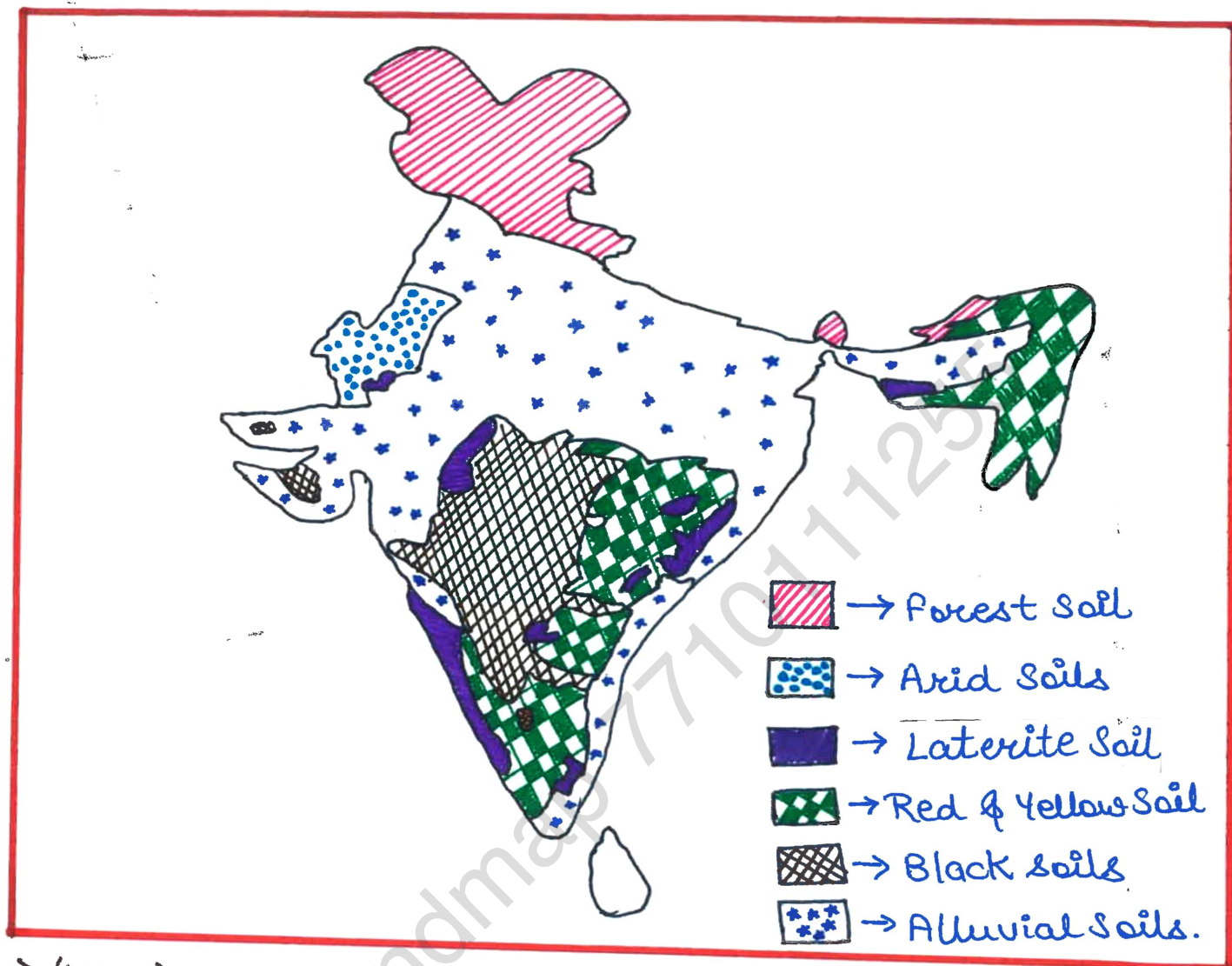
Trick → EQA

If you travel from India to US?  
Then you Gain or Lose a day. FIND OUT 😊



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→ (ICAR) categorized Soil into 8 Categories:-

1. Alluvial Soil (A)
2. Black Cotton Soil (B)
3. Laterite Soil (L)
4. Peaty & Marshy Soil (P)
5. Arid & Desert Soil (A)
6. Saline & Alkaline Soil (S)
7. Mountain or Forest Soil (M)
8. Red & Yellow Soil (R)



**TRICK** → PLASMA → Brown & Red

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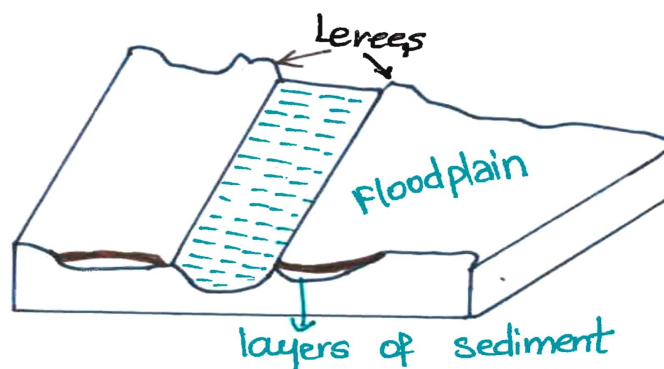
7. Delta → Like alluvial fans but develop at a different location.

→ The load carried by the rivers is dumped and spread into the sea.



8. Floodplains → Generally flat area of land next to a river or stream.

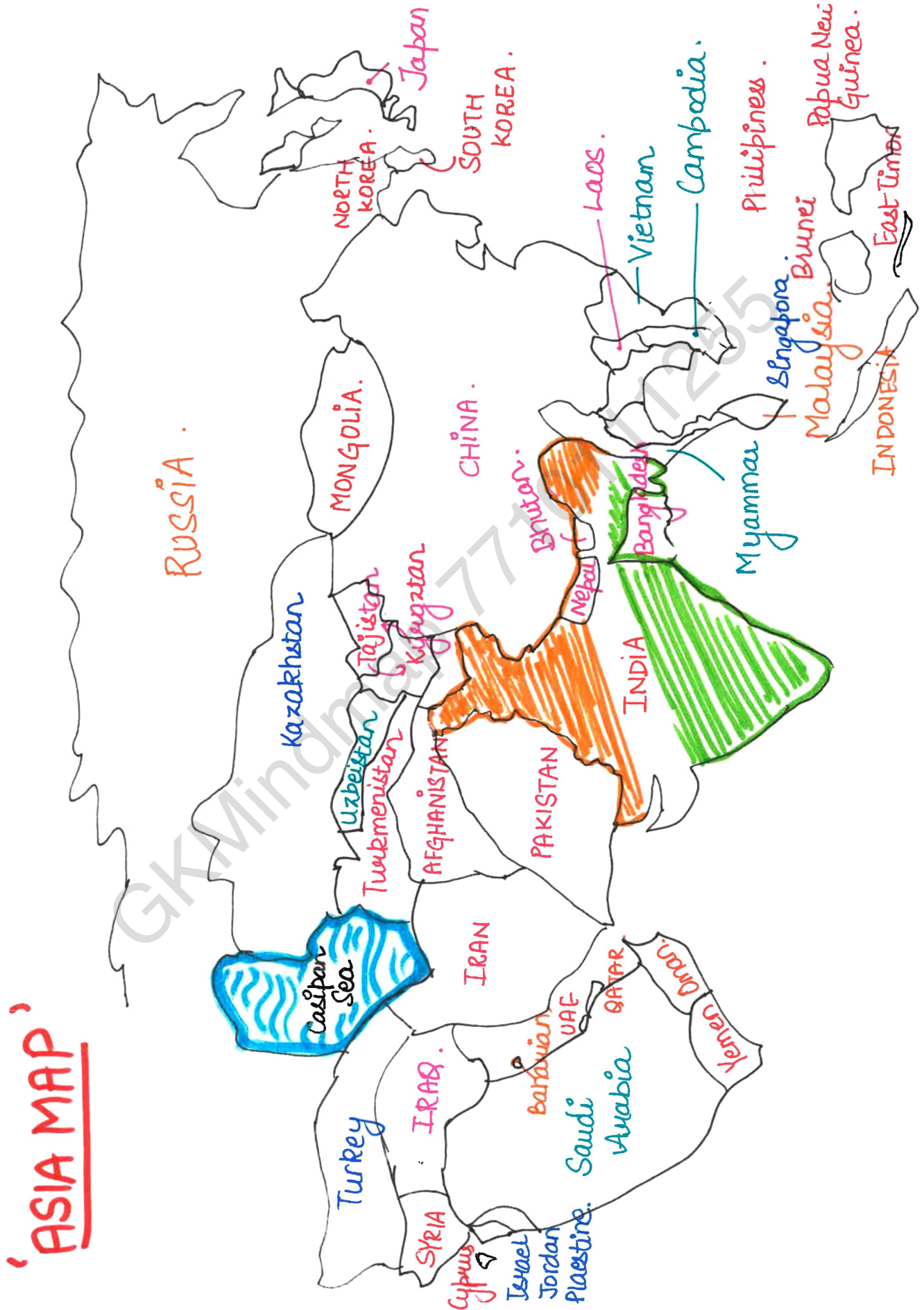
→ They stretch from the banks of the river to the outer edges of the valley.





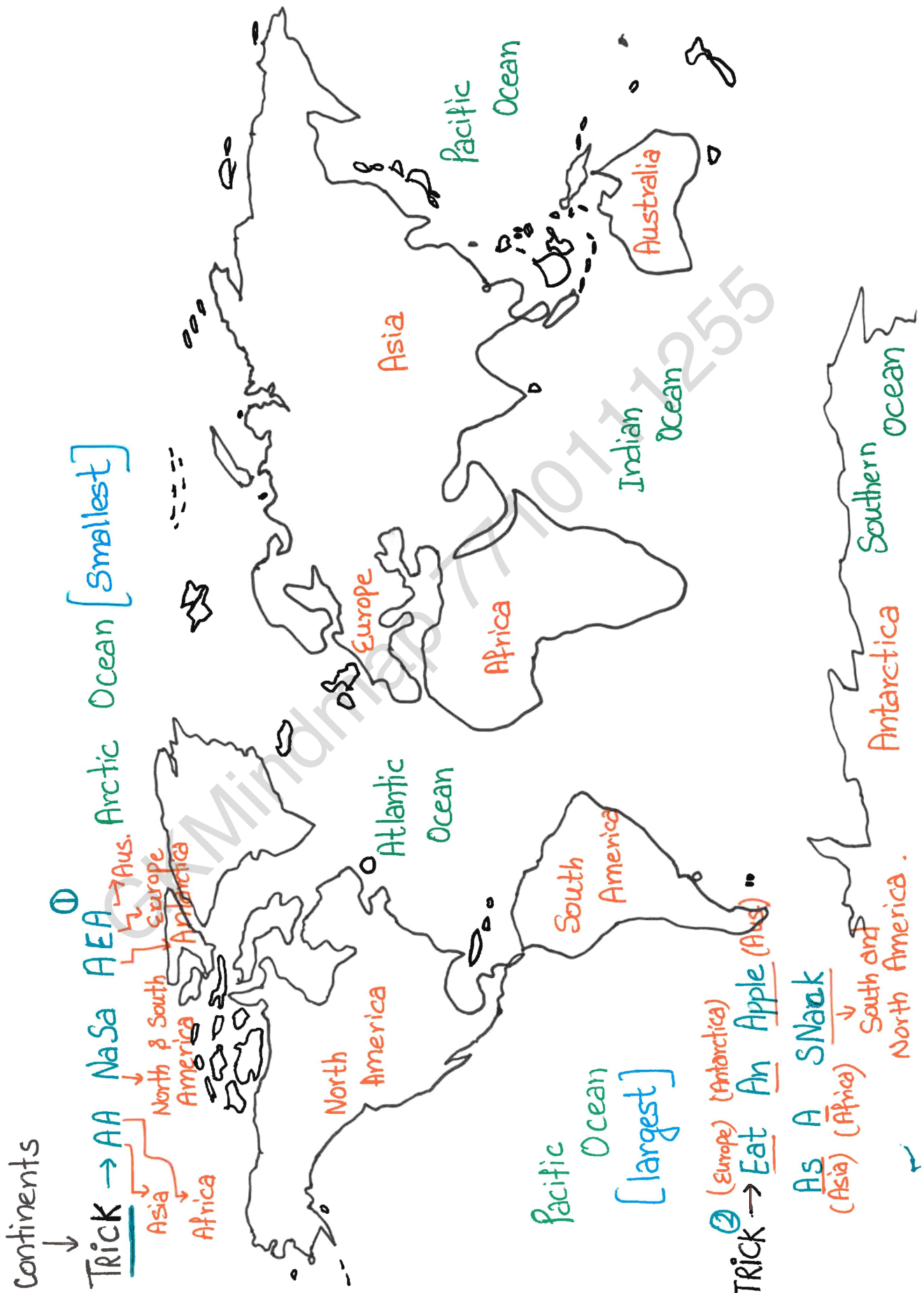
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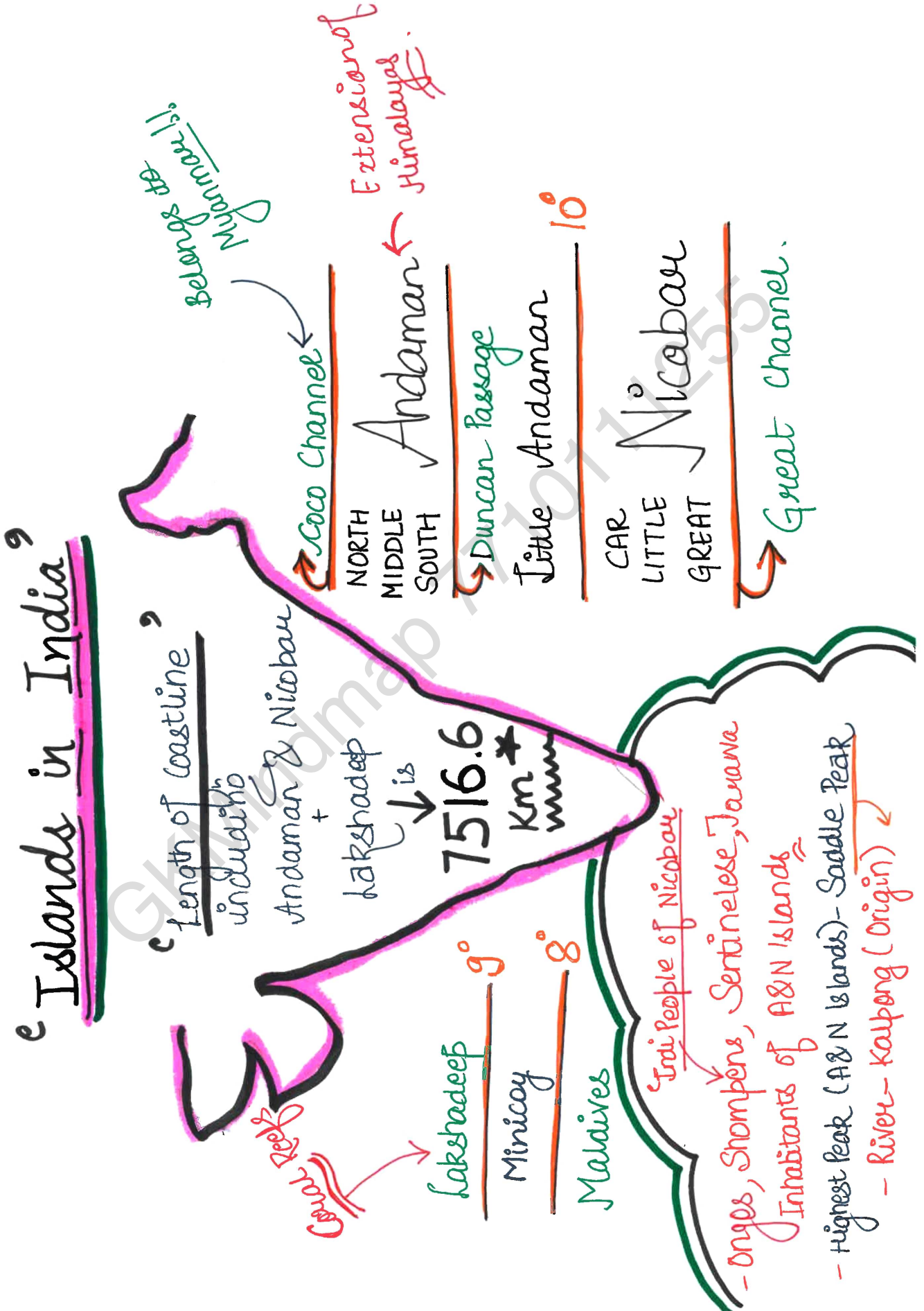
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LARGEST IN WORLD	SMALLEST IN WORLD
Largest <sup>st</sup> Continent	Smallest Continent
Largest Ocean	Smallest Ocean
Largest River	Smallest River
Largest Country	Smallest Country
Largest Democracy	Smallest Democracy
Largest Island	Smallest Island
Largest Desert	Smallest Desert
Largest Animal	Smallest Animal
Largest Wall	Smallest Bird
Largest Land Animal	Smallest Land Animal
Most Populated Country	Least Populated Country
Asia	Australia
Pacific	Arctic
Amazon	The Roe
Russia	Vatican City
India	Nauru
Greenland	Bishops Rock
Sahara	Carcross Desert
Blue Whale	Tardigrades
The Great wall (China)	Hummingbird
Bush Elephant	Etruscan Shrew
China	Vatican city

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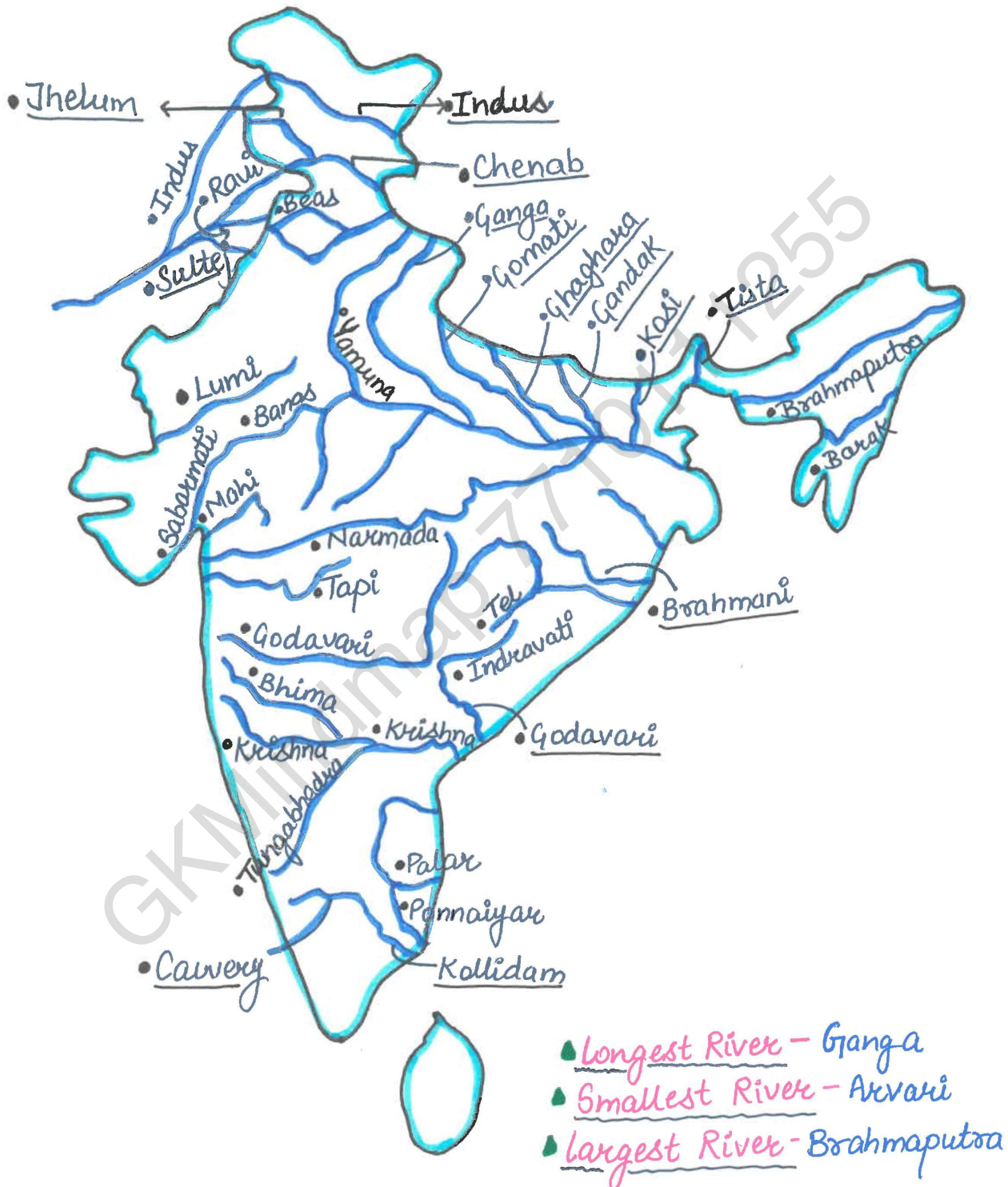
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HYDRO POWER PLANTS → INDIA		
Power Station	State	River
Tehri Dam <sup>(HIGHEST)</sup>	Uttarakhand	Bhagirathi
Srisaïlam Dam	Andhra Pradesh	Krishna
Nagarjunasagar	Andhra Pradesh	Krishna
Sardar Sarovar	Gujarat	Narmada
Baspa-I	Himachal Pradesh	Baspa
Nathpa Jhakri	Himachal Pradesh	Satluj
Bhakra Dam <sup>(LARGEST)</sup>	Punjab	Satluj
Dehar	Himachal Pradesh	Satluj
Baira Suil	Himachal Pradesh	Ravi
Chamera - I	Himachal Pradesh	Ravi
Chamera - II	Himachal Pradesh	Ravi
Pong	Himachal Pradesh	Beas
Uri Hydroelectric	Jammu & Kashmir	Jhelum
Dulhasti	Jammu & Kashmir	Chenab
Salal	Jammu & Kashmir	Chenab
Sharavathi	Karnataka	Sharavathi
Kalinadi	Karnataka	Kalinadi
Linganamakki	Karnataka	Sharavathi
Idukki	Kerala	Periyar
Bansagar Dam	Madhya Pradesh	Sone

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## RIVERS IN INDIA



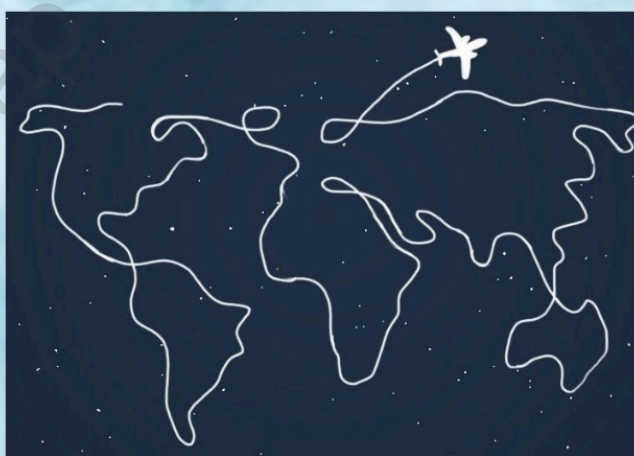
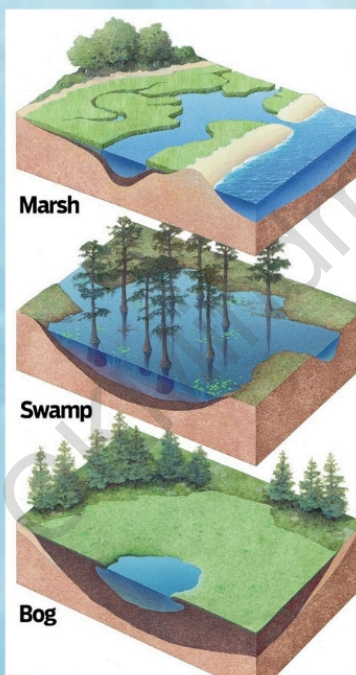
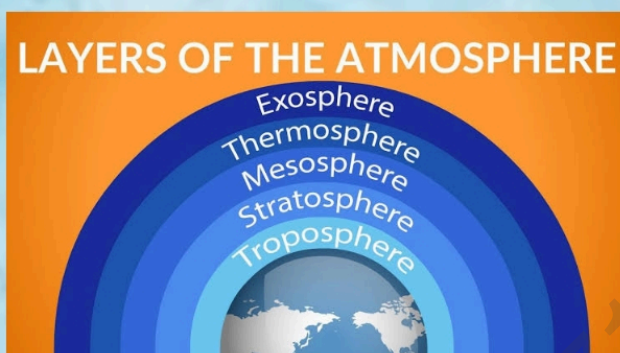


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## Geography



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## GEOGRAPHY POINTERS

- Kimberly is famous for – Dimond mining
- The DEATH VALLEY in south California , USA is an example of – Rift valley
- The sea having highest salinity – Dead sea
- The cloud of the highest altitude are –Cirrostratus
- The black mountain are located in – USA
- The Driest area of the earth – Atacama Desert
- The river of Africa crosses the tropic of Capricorn twice –Congo river
- The group of people inhabiting Asiatic tundra is known as – Samoyed
- The yellow stone national park is located in – USA
- Which type of soil found in coniferous forest – Podzols
- Ebony and mahogany trees are associated with – Tropical evergreen forest
- Africa's highest mountain peak Mt.kilimanjaro lies in – Tanzania
- The coldest place on earth is – Halifax
- River of India does not make a delta – Narmada
- Bushman tribes are found in - Kalahari Desert of Africa
- The Himalayas are approximately – 2500 km long
- The coast belongs to Tamil Nadu is known as- Coromandel coast
- Which latitude passes through India – tropic of cancer
- Nathula pass is in – Sikkim
- Radcliffe line is between – India and Pakistan on west and India and Bangladesh on east
- Rivers flows from south to north are - Narmada, son Chambal, tugabhadra
- National river of India – Ganga river
- Largest delta of the world – Sunderban delta formed by river ganga
- Which river is known as tsangpo in Tibet – Brahmaputra
- Important river of Indian desert – Luni
- The term regur is used for – black soil
- The only national park where kashmiri stag is found – Dachigam
- Project tiger was launched in – 1<sup>st</sup> April 1973
- Jhum is – the type of cultivation
- How does the sun get energy – Nuclear fusion
- Study of universe – Cosmology
- The corollis force is maximum at – Poles
- The term EPICENTRE is associated with – Earthquake
- Shape of earth orbit around sun – elliptical
- Naga khasi and garo is located in – Purvanchal range
- Saptarishi is the Indian name of which constellation – Ursa major
- First iron and steel industry was set up in – Jamshedpur 1907
- The highest grade and best quality coal is – anthracite
- Major iron and steel industry is located in the plateau – Chotanagpur
- Highest gravity dam in the world- Bhakra dam
- Flash floods is associated with - thunderstorm
- Longest river in Asia – Yangtze
- Titan is a satellite of – Saturn
- Where did the pushkar fair held – Rajasthan
- Hawa mahal is in which city – Jaipur
- Largest union territory of India – Andaman and Nicobar
- Equinox – Equal day and night
- 'SIRIUS' the brightest star outside solar system is called – dog star
- Highest peak of satpura range – Dhupgarh
- Which atmosphere layer contain ozone layer – Stratosphere
- Melghat tiger reserve is located in which state - Maharashtra
- Gir forest is located in – Gujarat
- Father of green revolution – Dr N E Borlaug



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- Which is the largest continent in the world – Asia
- Dogri is primarily spoken in which state – Jammu and Kashmir
- Nepali is primarily spoken in – Sikkim
- Shortest day in northern hemisphere – 22 December
- Hottest planet – Venus
- Which Indian chilly is considered one of the hottest in the world – Bhut jolikia
- Who coined the term ecology – Ernst Hackle
- China has the longest border with – MONGOLIA
- The distance between the two latitudes is approximately – 111KM
- The minimum distance from the sun in a planet in its orbit is called – PERIHELION
- Vedda is a tribe of – SRI LANKA
- Syzygy is – POSITION OF SUN, EARTH AND MOON IN A STRAIGHT LINE
- Smaller planets than size of the Earth is – MERCURY, MARS AND VENUS
- Maximum distance from the sun in a planet in its orbit is called – APHELION
- Terrestrial planets – MERCURY, VENUS, EARTH AND MARS
- A sector between the two longitude lines is known as – GORE
- Largest satellite of solar system – GANYMADE
- Second layer of the Earth's three concentric layers – SIMA ( Silica + Magnesium )
- Equinox means the date when – DURATION OF DAY AND NIGHT ARE EQUAL
- Countries border with China – 14 COUNTRIES ( Afghanistan , Bhutan , India , Kazakhstan , North Korea , Kyrgyzstan , Laos , Mongolia , Myanmar , Nepal , Pakistan , Russia , Tajikistan and Vietnam )
- Inexhaustible Natural Resources – WIND , SUNLIGHT AND WATER
- The day to day condition of the atmosphere at a place with respect to the temperature , humidity , rainfall , windspeed etc. is called – WEATHER
- Arrange planets w.r.t distance from the sun – MERCURY , VENUS , EARTH , MARS , JUPITER , SATURN , URANUS , NEPTUNE AND PLUTO
- Country not border China and India – CAMBODIA
- The tropical region has generally a hot climate because of its location around the – EQUATOR
- Midnight Sun is visible in – NORTH OF THE ARCTIC CIRCLE OR SOUTH OF THE ANTARCTIC CIRCLE
- Equator does not pass through – MEXICO
- The area of Nepal is approximately – 147181 SQUAREKILOMETRES
- Cyclone in Japan and Philippines is known as – TYPHOON
- Planet has highest average density – EARTH
- The average weather pattern taken over a long time, say 25 years , is called the – CLIMATE
- City closest to Equator – SINGAPORE
- Most of population in Sri Lanka follows – BUDDHISM
- Hurricane in North America is type of – CYCLONE
- Metamorphic Rocks – GNEISS, SLATE , MARBLE , SCHIST , PHYLLITE AND QUARTZITE
- Second highest mountain peak in the world – K2 OR GODWIN AUSTIN
- Pakistan is located in – SOUTHERN ASIA
- The swift movement of the falling water droplets along with the rising air create lightening and sound. It is this event that we called a – THUNDERSTORM
- Etna – ONE OF THE MOST ACTIVE VOLCANO IN THE WORLD
- An earthquake of magnitude 6 on Richter scale has how many times more destructive energy than an earthquake of magnitude 4 – 1000 TIMES
- Conglomerate is a – COARSE GRAINED CLASSIC SEDIMENTARY ROCK
- Longest river of China as per length – YANGTZE ( 3,917 MILES )
- World's highest volcanic mountain Cotopaxi located in – ECUADOR
- In terms of population Pakistan is at which place in the world – 6<sup>TH</sup>
- The power of an earthquake is expressed in terms of magnitude in a scale called – RICHTER SCALE
- Planet which has the highest revolutionary motion – JUPITER
- Which country's National Flag has Dragon on it – BHUTAN
- The red planet is - MARS
- Line of Capricorn does not pass through – PHILIPPINES
- How many countries border Myanmar – 5
- Main cause of temperature rise in the interior of the Earth – PRESSURE AND BREAKDOWN OF RADIOACTIVE SUBSTANCES
- Which planet move in opposite direction than other planets in solar system – VENUS AND URANUS
- The cup or bowl shaped opening of volcano is called – CRATER