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National Parks

Geography

21/09/20

Pench National Park

- It is a tiger reserve.
- Pench river flows through it.

Marine National Park

- It is the first marine national park of India.
- It lies in Gulf of Kutch.
- first marine park
- Endangered turtle - Green sea turtle, olive ^{ridley} ~~seas~~ turtle, leather back turtle are also seen.
- There are dugong and smaller crustacean like finless porpoise, common dolphin, bottlenose dolphin are found here.

Nanda Devi & Valley of flower N.P.

- It is UNESCO world heritage site ^{renown} ~~renoun~~ for meadows of its alpine flowers.
- It is also the home of snow leopard, Asiatic black bear, brown bear.

Nilgiri Biosphere Reserve

- It is UNESCO world heritage site. and international Biosphere reserve on western ghats.

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Some of the Tribes -

Bodogers, Todas, Chenchus, Irulas, Kurumba, Paniyas, Adiyan are found here.

→ It spreads in Karnataka, Kerala & Tamil Nadu.

Nokrek N.P. (Meghalaya)

→ It is a B.R.

→ It is a home of Red Panda.

→ Important habitat of Asiatic Elephants.

→ It is a home of stump tailed macaque and pig tailed macaque.

→ The specie of Orange Memang Nerang was discovered here.

Manas N.P.

→ Manas N.P. is known for evergreen forest and wild water buffalo.

→ Manas river passes through it.

→ It is UNESCO world heritage site.

→ A Tiger Reserve, Elephant Reserve and Biosphere Reserve in Assam.

Sundarban N.P.

→ UNESCO world heritage site.

→ Known for Royal Bengal Tiger.

→ Known for Mangroves Tree.

→ It is a Ramsar site.

Some of the species such as

Salt water crocodile, River Terapin, Olive ridley
Turtle, Ganges River Dolphin, and Hawksbill Turtle.

Great Nicobar Biosphere Reserve

- Galathea N.P and Campbell Bay N.P are part of Great Nicobar Biosphere Reserve.
- It is classified by WWF. as tropical and sub-tropical moist broad leaf forest Bio and located in Indo-Malayan hill.
- It is a home of Nicobari and Shompen tribe.

Kaibul Lamjao N.P

- (Eld's deer or Dancing Deer)
- It is characterised by floating vegetation also known as Phumdis.
 - It is home of Eld's deer also called as Sangai deer or Dancing Deer.
 - Loktak lake is present in this N.P.

Bhitarkanika N.P

- It is a Ramsar site.
- Second largest mangrove ecosystem of India.
- Home of salt water crocodile, white crocodile, Indian Python, King Cobra and black eye fish.

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- Alive ^eridly turtle nest on ~~Gahirmatha~~ ^{Gahirmatha} coast.
 - It is drained by Brahmani, Baitarni, Dhamra and Puthshala River.

Namdapha N.P. (Arunachal Pradesh)

- It harbours the northern most lowland evergreen forest of the world.
- The habitat changes with the increasing altitude from tropical moist forest to montane forest, temperate forest and at the higher elevation alpine forest and perennials grow.
- Red Panda & Red Giant Squirrel is also found here.

Balpakram N.P.

- It is often compared with Grand Canyon N.P. of U.S. It means land of eternal wind according to the myth of Garo people.
- It is also called as the land of spirits.

Dehing Patkai W.S

- It is located in Dibrugarh and Tinsukia district of Assam.

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- It forms largest stretch of lowland rain forest in India.
 - It is defined as an elephant reserve and recently Assam government decided to upgrade it to N.P.

Sanjay Gandhi N.P (Mumbai).

- It is one of the smallest N.P of India.
- Recently a Tiger Anand died in there from a rare form of cancer.

Kaziranga N.P (Assam)

- It is famous for one-horned Rhinoceros
- It host $\frac{2}{3}$ of the world one-horned Rhino
- It is a world heritage site
- It is an important bird Area defined by Birdlife international.
- Recently because of huge flood in Assam around 95% of this N.P got submerged under water.

Pobitora N.P

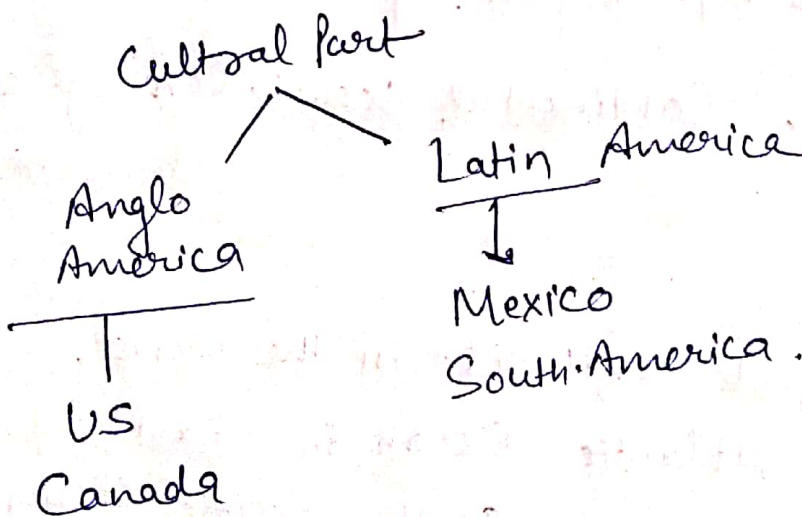
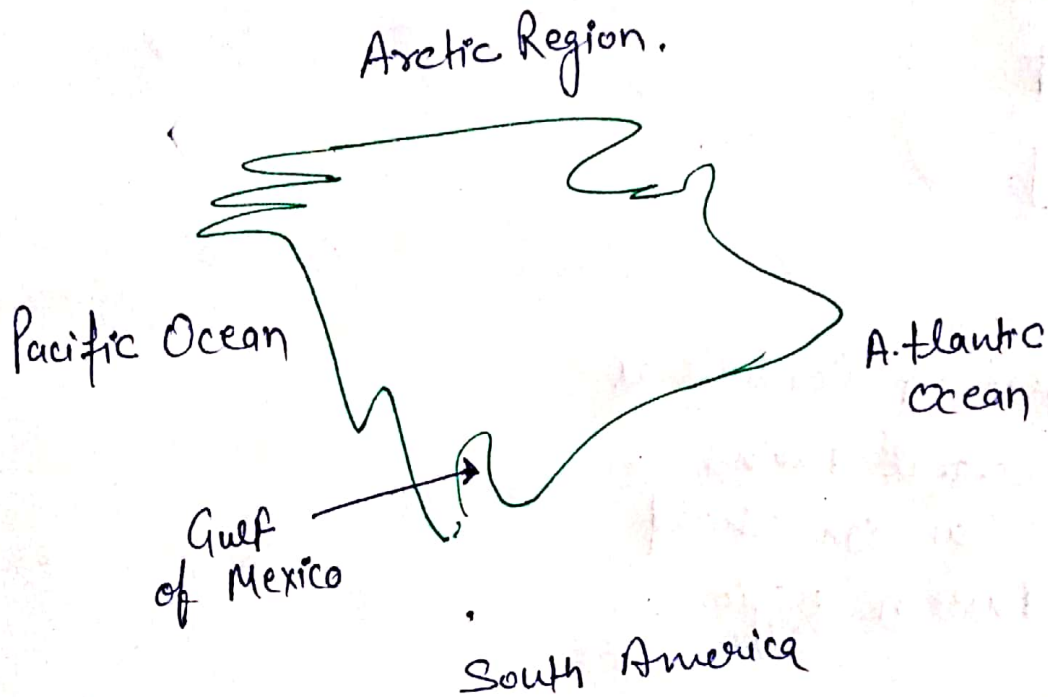
- It lies on the southern bank of Brahmaputra River.
- famous for grassland vegetation.
- It is also wetland habitat for Indian Rhinoceros.
- Recently because of huge flood in Assam 70% of this Sanctuary got submerged.

Gir N.P

- known for Asiatic Lions. It is soul home of Asiatic Lion.
- known for Maldhari Tribe.
- Recently this Park was in news because of
Canine distemper virus and babesiosis diseases

World Geography

North America



1. Mountain
2. Highlands
3. Basin
4. Coast
5. Gulf
6. Bay

Mount - McKinley - Mt Denali

1. Western Cordilleras
2. Central Plains
3. Canadian Shield
4. Eastern Region.

Mt. McKinley - highest mt in Alaska range.
Mt. Logan - is highest peak of Canada.

Rocky Mountain - Continental Oceanic Convergence.

North America

It is 3rd largest continent in the world,
surrounded by Atlantic Ocean in East,
Gulf of Mexico in the south, Pacific Ocean
in the west and Arctic Ocean in the North.

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- It is separated by Bering strait from Asia.
- North America mainly include US, Canada, Greenland and Mexico.

Central America → GUATEMALA, BELIZE,
EL SALVADOR, HONDURAS, NICARAGUA, COSTA RICA,
and PANAMA

Physical Division of North America

- Western Cordillera - chain of parallel mountains

→ These are young fold mountain spread from Alaska to Mexico.

It consist of Rocky mountain of the east, Sierra Nevada in centre, coastal range in the west, Alaskan Range in the north.

→ Highest Peak of North America is Mount McKinley or Mt. Denali.

→ Three of the major desert are

1. Sonoran Desert
2. Mohave Desert
3. Chihuahu Desert.

- Sonoran lies in rainshadow zone of coastal range.
- Mohave in the rain shadow of Sierra Nevada
- Chihuahua in the rain shadow of Sierra Madre
- This western Cordillera is known for vast Copper deposits.
- The region also possesses mineral oil, natural gas, Coal and rock phosphate.
- The largest deposit of lead and zinc in the world found in British Columbia region.
- Mexico has been the leading producer of silver in the world.

→ The Great Central Plain

- This region is also called as bread basket of North America.
- Wheat is grown in prairie region of Canada & U.S.
- North America produces $\frac{1}{5}$ of the world's wheat.
- Cotton and Tobacco are grown mainly in the Southern part of Mississippi river.
- Mississippi river has formed a bird foot Delta.

- along the Gulf coast Rice and sugarcane are grown.
- Central American region known for cultivation of Banana.

- Lake Superior
" Michigan
" Huron
" Erie
" Ontario
- } → These are five Lake of North America.

- ⇒ Lake Superior is the leading producer of high grade iron ore.
- ⇒ It is the second largest lake after Caspian Sea.

- ⇒ Lake Ontario is the smallest among the great lakes. Gold is mainly found in Ontario. which has the largest Gold mine in the world.

- Note Point
- Highest lake - Titicaca
 - Oldest lake - Baikal
 - Largest fresh water lake World - Lake Superior
 - Largest fresh water lake in term of volume - Lake Baikal

- ⇒ Niagara water fall between Lake Erie and Lake Ontario.

The Canadian Shield is formed out of ancient hard rocks. Due to continuous erosion and weathering its average height is reduced to 300 to 400 mtr. Some of the important lakes here are

- (i) Lake Great Bear
- (ii) Lake Great Slave
- (iii) Lake Reindeer
- (iv) Lake Winnipeg

The shield is also called Laurentian Plateau and is a large area of exposed Precambrian igneous and metamorphic rocks. Human population is sparse and industrial development is minimum in this location.

Canadian shield contains deposits of Nickel, Iron ore, Gold, platinum and copper.

Eastern Region

It includes Appalachian Mountain and Atlantic Coastal plain.

Appalachian produce large amount of Anthracite and high grade Bituminous Coal. They have largest coal field in the world.

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- Thus this has led to development of Iron and Steel industry over here.
 - The Gulf Coast and Atlantic Coast produces much of world's petroleum and natural gas.
 - Florida region is known for its wetland.
 - Florida Everglade is the largest wetland system in US.
 - 49° latitude & St. Lawrence river forms boundary between US & Canada.
 - North America is connected with South America with Isthmus of Panama.
 - It is separated from Asia by Bering Strait.
 - Strait of Florida is famous strait in North America.
 - Florida strait connect Sargasso sea and Gulf of Mexico, and North Atlantic ocean and Gulf of Mexico.
 - Grand Bank near new foundland. and George Bank near Nova scotia are extensive fishing ground in North America.

- largest Industrial Indi Region of US. i.e; ^{region of} New England Region is spread over the ^{river} Mississippi to the Atlantic ocean. It is world's largest industrial region.
- Detroit is famous for Automobile industry
- Akron is the biggest centre of the world in manufacturing synthetic rubber and tyres.

⇒ Important Strait

- Greenland is separated by Ellesmere Island by Nares Strait.
- Greenland is separated by Baffin I by Davis Strait.
- ⇒ Ungava Peninsula and Baffin Island are separated by Hudson Strait.
- Davis Strait connect Labrador Sea with Baffin Bay while Hudson Strait connects Labrador Sea and ~~Baffin Island~~. Hudson Bay,

- Newfoundland and Labrador Peninsula is separate by strait of Belle Isle.
- Strait of Florida separate Florida and Bahamas
- Yucatan Channel connects Caribbean Sea with Gulf of Mexico.
- Vancouver Island separated North America by Strait of Juan de Fuca.
- Mt. Elbert is the highest Peak of Rocky Mountain,
- Mt. Whitney is the highest peak of Mainland US.

Climate and Vegetation

- It extends between tropical zone in the south & frigid zone in the North.
- Western Highlands and Appalachian leave centre plain open to the cold wind influence from the north and warm wind from the south.
- Gulf stream in the east and Californian current in the west also have influence on the climate and coastal region.

- Extreme North is very cold and severe.
where the ground is mostly covered with snow.
Thus mostly mooses and lichen are formed.
- Polar Bear, Caribou, Musk-ox and Reindeer are important animals.
- South of Tundra is Taiga Region. It is known for coniferous forest.
- South of Taiga is mixed forest.
- Rainfall is moderate, winters are cold and summers are warm.
- This belt has deciduous as well as coniferous forest.
- Tropical rain forest are found in central America.
Here the rainfall is heavy and temperature is always high.
- Extreme south western part is desert. while Mediterranean type of climate is found on the western coast of California.