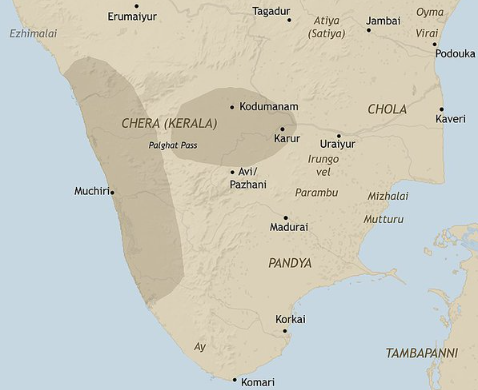
# 2023 PYQ

* **Burhi Gandak** meandering – Kanwar Lake
* Kamarajar Port [Ennore Port] – TN – Only corporatized major port in India. It is registered as a company.
* Mundra Port – First and largest privately owned port (Adani), Largest commercial port, largest container port
* China has more arable area than India
* Bhitarkanika mangroves (Odisha) –
  + 2nd largest mangrove in India.
  + Home to **Salt water crocodiles**.
  + Brahmani and Baitarani rivers.
  + Bound by **Gahirmatha** beach – Olive Ridley Turtles
* Salt Production -
  + Marakkanam Salt pans (TN)
  + Naupada Wetland (AP) – **Spot-billed Pelican**
  + Rann of Kutch (GJ)
* Botswana – **Diamonds**, Kazakhstan – **Uranium**, Argentina – Lithium, DRC - Cobalt
* Biligirirangan Hills – KN
* East West Corridor – Porbandar (GJ) to Silchar (Assam)
* Trilateral Highway – **Moreh** (India) – **Bagan** (Myanmar) – **Mae Sot** (Thailand)
* Low enriched Uranium – 0.7 – 20%
* Invasive Species Specialist Group – IUCN
* Indian Squirrels are primarily arboreal.
* **Fishing Cat** (“baghrol’) – Bengal’s state animal. IUCN Vulnerable.
  + Webbed Feet, **Nocturnal**
* Sloth bears – KN (Benerughatta NP)
  + “Sweet lick” Tourism
* HFCs are not used in Lubrication.
* InVITS are recognized as borrowers under SARFAESI.
* Intangible investments – Brand recognition, IPR, Mailing list of clients.
* UNOPS – An **operational arm of UN**.
  + Implements projects for UN, Int’l FI, Governments etc.
  + S3i initiative
* NCBC – Constitutional; NHRC & NCDRC – Statutory; National Law Commission – Executive.
* Community Reserves – Joint Forest management on privately owned land adjacent to NP/WS etc.
  + No Hunting, agriculture
  + Under the supervision of Community reserve management.
* Concept of Stupa is not Buddhist in origin.



* Vattakirutal – A king defeated in Battle committing ritual suicide (Sangam literature)
* Ancient History literature –
  + Devichandraguptam – Vishakadutta
  + MilindaPanho – Nagasena
  + Hammira Mahakavya – Nayachadra Suri
  + NitiVakyamrita – Somadeva Suri
* Janani Suraksha Yojana
* Anemia –
  + Delayed cord clamping during childbirth – Allows additional blood inflow from the Placenta and improves Iron storage by up to 50%.
* Carbon Fiber – It is not biodegradable however various recycling strategies exist.
* **Recirculating aquaculture systems** – Fish are grown, and they reduce nutrient pollution discharge.
  + Ammonia is converted into Nitrate.
  + Remove uneaten food.
* Cepheids – Stars that pulse in brightness
* Pulsars – rotating Neutron stars
* There is a SAFE LEVEL for MERCURY
* Hydrogen as a fuel –
  + Direct use in ICE
  + Blended with NG
  + Hydrogen Fuel Cells
* **Insolation at the equator = 5 times the insolation at the poles.**
* Coal based TPP –
  + Mostly on the coast – Use Seawater for cooling
* **Wolbachia** method – Bacteria that when introduced in mosquitos like Aedes Aegypti prevents Viral transmission.
* Carbon Capture –
  + Spread Fine Basalt on soil.
  + Increasing water alkalinity
* **Metagenomics** – Study of genetic material from the environment
* Microsatellites – Short Tandem repeats – Used to study inheritance patterns.
* Medium Enterprise –
  + < 50 cr investment or < 200 cr Turnover
* **Beta** – Fluctuations of a stock compared to the overall market.
* **Basis Risk** – Systematic risk that arises when perfect hedging is not possible.
* **Balanced investment strategy** – Investment strategy to balance risk v/s reward.
* **Arbitrage** – Simultaneous buying and selling of an asset on different platforms.
* SHGs – Initiated by NABARD in India
* Indian groundwater usage – Primarily for irrigation
* Biodiversity management committees may levy a fee for anybody accessing biodiversity resources in their jurisdiction.
  + According to BD Act, every Local body shall constitute a BMC.
* **Presidential election Values calculated on 1971 census (Provided in the constitution)**
* Archaeologists in India –
  + Robert Sewell – Vijayanagar.
  + Albert Longhurst – Nagarjunakonda
  + Walter Elliot – Amravati Stupa
  + James Burgess – Founded Indian Antiquary
* James Augustus Hickey – Established English Presses in India
* Lord Dalhousie – Railways in India
* National Handloom Day – August 7
* National Flag –
  + Prevention of Honour of National Flags Act, 1971
  + Flag code of India, 2002
  + Height: Width = 3:2
* Gold reserves – **Australia > Russia**
* Trade and Technology Council – USA & EU
* India’s share of global trade – 1.8% in goods, 4% in services.
* Stability and Growth Pact (EU) – For the countries to follow prudent fiscal policies and maintain a low debt to GDP ratio.
* Global Compact for Migration –
  + First ever UN Global agreement on common approach for int’l migration
* OSA, 1923 –
  + Deals with **unauthorized wearing of police or military uniforms**
  + Deals with interfering in police or military duties
* Places –
  + DRC – Kivu, Ituri
  + Armenia – Nagorno Karabakh
  + Ukraine – Kherson, Zaporizhzhia, Donbas
  + Myanmar – Kachin
  + Ethiopia - Tigray
* Sports awards –
  + Maj Dhyan Chand award – Outstanding performance over the last 4 years
  + Arjun award – Good performance over the last 4 years
  + Dronacharya award – To honour eminent coaches.
  + Rashtriya Khel Protsahan Puruskar – Recognition of Corporate bodies, NGOs, Sports boards etc.
  + Dhyanchand award for lifetime achievement – post-retirement.