

2023 PYQ

- Kamarajar Port – 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
- Bhitarkanika mangroves (Odisha) –
 - o 2nd largest mangrove in India.
 - o Home to Salt water crocodiles.
 - o Brahmani and Baitarani rivers.
 - o Bound by Gahirmatha beach – Olive Ridley Turtles
- Salt Production -
 - o Marakkanam Salt pans (TN)
 - o Naupada Wetland (AP) – Spot-billed Pelican
 - o Rann of Kutch (GJ)
- 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
- Fishing Cat (“baghrol”) – Bengal’s state animal. IUCN Vulnerable.
 - o Webbed Feet, Nocturnal
- Sloth bears – KN (Benerughatta NP)
 - o “Sweet lick” Tourism
- UNOPS – An operational arm of UN.
 - o Implements projects for UN, Int’l FI, Governments etc.
 - o S3i initiative
- Community Reserves – Joint Forest management
 - o No Hunting, agriculture
- Vattakirutal – A king defeated in Battle committing ritual suicide (Sangam literature)
- Ancient History literature –
 - o Devichandraguptam – Vishakadutta
 - o MilindaPanho – Nagasena
 - o Hammira Mahakavya – Nayachadra Suri
 - o 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
- 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.
- 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
- 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.