

NATIONAL

1. Indian Ocean Dipole

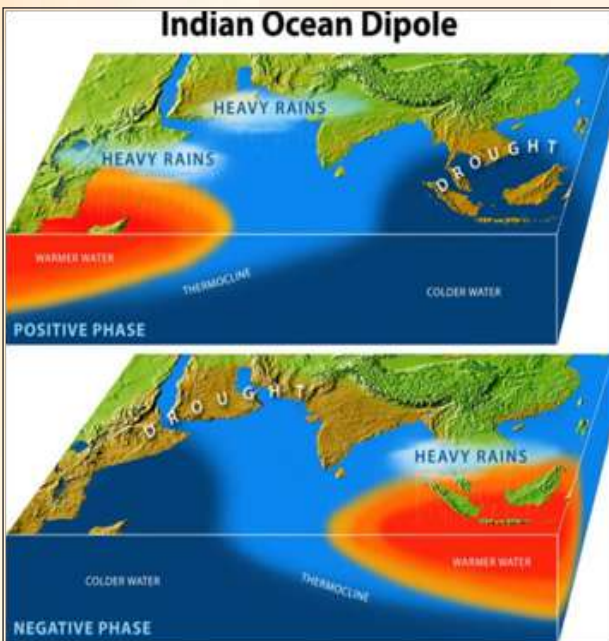
Why in news - High hopes are pinned on the development of a positive Indian Ocean Dipole (IOD) and its ability to counterbalance the El Nino effect.

Key Points –

- El Nino phenomenon is almost certain to affect the Indian monsoon this year.
- The IOD is an ocean-atmosphere interaction in the Indian Ocean. (very similar to the El Nino fluctuations in the Pacific Ocean).
- Much weaker system than El Nino, thus has relatively limited impacts.
- A positive IOD does have the potential to offset the impacts of El Nino. It was shown once in 1997.
- The IOD was identified as an independent system only in 1999.

About IOD (Indian Nino) –

- Happens relatively in smaller area of the Indian Ocean.
- East - Indonesian and Malaysian coastline. West - African coastline near Somalia.
- One side of the ocean, along the equator, gets warmer than the other.



• Positive IOD –

- a) the western side of the Indian Ocean, near the Somalia coast, becomes warmer than the eastern Indian Ocean.
- b) A positive IOD event is often seen developing at times of an El Nino.
- c) helps rainfall along the African coastline and also over the Indian sub-continent.
- d) suppressing rainfall over Indonesia, southeast Asia and Australia.

• Negative IOD –

- a) western Indian Ocean is cooler.
- b) negative IOD is sometimes associated with La Nina.

2. Meira Paibis (1977)

Why in news - Home Minister Amit Shah met with the Meira Paibis as part of his meetings with various civil society groups.

Key Points –

- Meira Paibis (women torch bearers) are Meitei women who come from all sections of society in the Imphal valley.
- They are also known as Imas or Mothers of Manipur and are widely respected, and represent a powerful moral force.
- Loosely organised, usually led by groups of senior women.
- One of the largest grassroots movements in the world.
- Focus - fighting alcoholism and drug abuse, countering human rights violations and the development of society at large.

3. Dr.Kalaingar Pen Monument

Why in news - Union Ministry of environment, forest and climate change has accorded Coastal Regulation Zone (CRZ) clearance for the project.

Key Points –

- Location - 360 metres into the Bay of Bengal, off the Marina.
- Aim - to celebrate the contributions of former CM and Dravidian leader M Karunanidhi to Tamil literature.
- Tamil Nadu has sought the center's permission under Section 4 (ii) (j) of CRZ notification, amended in March 22, 2016, for constructing it.

- National Centre for Coastal Research – Chennai.

About Pen Monument –

- Complex include - a pen pedestal, a lattice bridge above the beach and a land and pedestrian pathway above the sea.
- Design is based on the Veena, a traditional Carnatic musical instrument.
- Design for the landscaped garden on the memorial pedestal is inspired by Sikku Kolam, a traditional drawing made by Tamil women in their homes.
- Infrastructure and environmental consultant - Hubert Enviro Care Systems.

- **Aim –**

- a) for integrated development of Tomato, Onion and Potato (TOP) value chain.
 - b) enhance value realization of TOP farmers
 - c) price stabilization for producers and consumers etc.
- State-wise funds are not allocated as the scheme is demand-driven.
 - Expanded operation greens scheme covers 22 perishables including shrimp.

INTERNATIONAL

1. Kyriakos Mitsotakis

Why in news - Kyriakos Mitsotakis sworn in as Prime Minister of Greece.

Key Points –

- Party - New Democracy party (Centre-right).

GOVERNMENT SCHEMES

1. Operation Greens Scheme

Why in news - Tomato price rise (Rs 100/kg) put focus on Operation Greens scheme.

Key Points –

- **Reasons –**
 - a) Cobweb phenomenon - sudden price fall in April-May 2023 which led many growers to abandon their crops.
 - b) unusual heat of March and April
 - c) pest attacks
- **India grows two major crops of tomato –**
 - a) rabi crop (5 lakh hectares) - Junnar taluka (MH) and in parts of Karnataka and Andhra Pradesh.
 - b) kharif crop (8-9 lakh hectares)- Uttar Pradesh, Nashik (MH), and elsewhere in the country.
- Ripening time - 3 months.

About Operation Greens (November, 2018)–

- Launched by - Ministry of Food Processing Industries.



SCIENCE – TECH

1. Lithium-ion battery

Why in news - John B Goodenough died on June 25 at the age of 100.

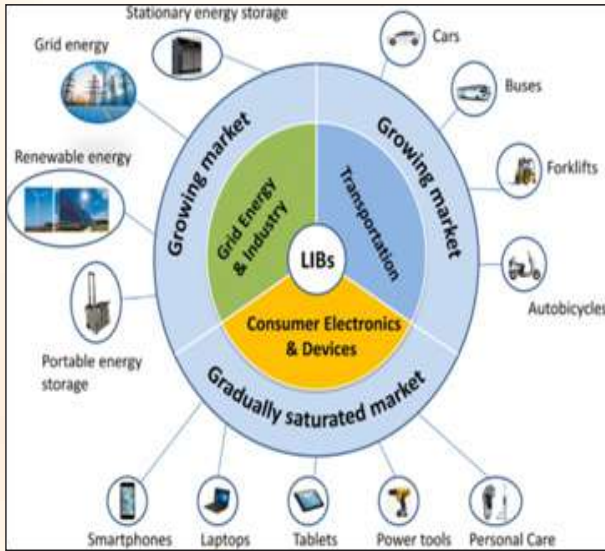
Key Points –

- His work sparked the wireless revolution that made portable electronics ubiquitous.
- His contribution to lithium-ion battery technology in 1980 helped him win the 2019 Nobel Prize in chemistry.

About Lithium-ion battery –

- Whittingham developed the first lithium-based rechargeable battery. (drawback - either explode or catch fire in case of overcharging or repeated recharging).
- use aqueous electrolyte solutions.
- Paved the way for the emergence of mobile phones and laptops.

- Nearly 100% efficient in both charging and discharging
- Cleaner technology and is safer for the environment as it does not have environmental impact as lead acid battery.



- She is one of the chief architects of the Crisis Connectivity Charter (2015) to cater to emergency telecommunications via satellite.

UNOOSA –

- Promote international cooperation in the peaceful uses of outer space.
- Implements the United Nations Programme on Space Applications (PSA).
- Maintains the Register of Objects Launched into Outer Space.

BOOKS & AUTHORS

1. Book “The Yoga Sutra for Children”

Why in news - Roopa Pai authored a new book titled “The Yoga Sutras for Children”.

Key Points –

- It introduces Maharishi Patanjali’s techniques to nurture energies and attitudes, enabling focused and balanced actions.
- Her other books - The Gita for Children.

SUMMITS & CONFERENCES

1. 8th Global Pharmaceutical Quality Summit 2023

Why in news - Dr. Mansukh Mandaviya addressed the summit 2023 in Mumbai.

Key Points –

- Theme - Patient Centricity: New Paradigm of Manufacturing and Quality.
- Host - Indian Pharmaceutical Alliance (IPA).

APPOINTMENTS

1. Aarti Holla-Maini

Why in news - Aarti Holla-Maini to take over as the Director of the United Nations Office for Outer Space Affairs (UNOOSA) in Vienna.

Key Points –

- Appointed by - UN Secretary-General Antonio Guterres.
- She replaced Simonetta Di Pippo of Italy.

BIHAR

1. Patna-Ranchi Vande Bharat

Why in news - Ranchi-Patna Vande Bharat was flagged off remotely by PM Modi on June 27, 2023.

Key Points –

- Commercial run of the train started from Patna junction on June 28, 2023.

2. SMART-PDS

Why in news - State cabinet approved the proposal for signing of a MoU between the state and Centre for implementation of SMART-PDS.

Key Points –

- SMART-PDS - Scheme for Modernization and Reforms through Technology in Public Distribution System.
- SMART-PDS is a centrally sponsored scheme for bringing in reforms in the PDS system through new technology.

Other Decisions –

- State cabinet gave nod to the subsidy scheme

- to promote cattle farming of indigenous breeds.
- Subsidy for cowshed installation, purchase of cattle and farming management –
 - 75% - for scheduled caste/scheduled tribe and extremely backward classes.

- 50% - general category beneficiaries.
- SBI Capital Markets (SBI CAPS) was engaged as a “transaction advisor” and Metal Scrap Trading Company (MSTC) for providing the platform for auction of the mineral reserves discovered recently in the state.




PERFECTION IAS

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ARISE, AWAKE, AND, STOP NOT TILL THE GOAL IS REACHED

NEW BATCH FOR BPS

Starting from **28 June**

HINDI MEDIUM
TIME: 4:00PM - 7:00PM

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PERFECTION IAS

NEW BATCH FOR BPS

STARTING FROM **12th JULY**

ENGLISH MEDIUM
Time - 4:00 PM-7:00 PM

OUR CENTRES: Delhi, Patna, Muzaffarpur & Purnea
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CURRENT AFFAIRS

28 JUNE, 2023

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➤ CURRENT AFFAIRS ONE LINERS ◀

- Which ministry has launched NANDI (NOC Approval for New Drug and Inoculation System) Portal - **Ministry of Fisheries, Animal Husbandry & Dairying.**
- Centuries old Kharchi Puja began in which state – **Tripura.**
- Union Agriculture Ministry has signed an MoU with which company to develop various geospatial solutions, mainly for monitoring the health of crops and soil - **Pixxel Space India Pvt. Ltd.**
- The World Bank has approved a loan of what amount to improve technical education in government-run institutions - **USD 255.5 million loan.**
- Odisha has launched the Odisha Gunvatta Sankalp (Odisha Quality Mission) in Bhubaneswar in collaboration with which body - **Quality Council of India (QCI).**
- Which company has launched the "Jeetenge Hum" campaign to boost support and morale for Team India ahead of the 2023 World Cup - **Adani Group.**
- Who has won the Czech Ladies Open - **Indian golfer Diksha Dagar.**
- Which body has released the National Time Release Study (NTRS) 2023 report - **Central Board of Indirect Taxes and Customs (CBIC).**
- Raksha Mantri Shri Rajnath Singh inaugurated the Integrated Simulator Complex (ISC) 'Dhruv' at which naval command - **Southern Naval Command, Kochi.**
- A skin bank — a first for North India — was inaugurated in which city - **Delhi's Safdarjung Hospital.**

PATNA CENTRE: NEW BPSC BATCHES STARTING FROM 28TH JULY 2023 TIMING 4:00PM - 07:00 PM (HINDI MEDIUM) AND 12TH JULY 2023 (TIMING 4:00 PM - 7:00 PM (ENGLISH MEDIUM))

DELHI CENTRE: NEW BPSC BATCHES STARTING FROM 5TH JULY 2023 TIMING 8:00AM - 12:00 PM (HINDI MEDIUM) AND 12TH JULY 2023 (TIMING 4:00 PM - 8:00 PM (ENGLISH MEDIUM))