

August - 19

TNPSC BITS

- ❖ Prime Minister Narendra Modi launched National Hydrogen Mission on August 15, 2021 from Lal Quila.
 - The mission seeks to make India a global hub for green hydrogen production and exports.
- ❖ The Indian women's hockey team player Vandana Katariya will be the brand ambassador of the state's (Uttarakhand) Department of Women Empowerment and Child Development.
- ❖ The All-India Institute of Medical Science, New Delhi has become the first hospital of India to house a fire station inside the hospital premises.
 - For this, AIIMS has collaborated with Delhi Fire Service.
- ❖ Komalika Bari became the new under-21 recurve world champion at the Youth World Championships in Wroclaw of Poland.
 - She became the second Indian woman after Deepika Kumari to claim both the U-21 World Championship and the U-18 title.

TAMIL NADU

TN Budget highlights

- ❖ The Maternity leave period extended to 12 months from 9 months.
- ❖ The New Siddha University is to come up in Palani.
- ❖ A Defence Industrial Park is to come up in Coimbatore.
- ❖ A Massive tree planting drive as part of 'Green Movement' initiative will be taken up in the next ten years.
- ❖ Anna Marumalarchi Scheme will be launched to provide basic amenities in hamlets.
- ❖ The New integrated bus stand and commercial complexes is proposed in Tiruchirappalli.
- ❖ The Construction of Financial Tech city in Nandambakkam in Chennai.



NATIONAL

Design resource center - Chennai

- ❖ The Union Ministry of Textiles is setting up a design resource centre at the weaver's service centre in Chennai.
- ❖ The aim is to build and create design-oriented excellence in the handloom sector.
- ❖ Also, it is to facilitate weavers, exporters, manufacturers and designers access design repositories to improve samples/products.
- ❖ The Ministry has roped in NIFT (National Institute of Fashion Technology) in this initiative.
- ❖ Similar resource centres were set up in seven centres earlier.
- ❖ And one was inaugurated at Kancheepuram recently.



Data on hydro meteorological calamities

- ❖ Nearly 6,800 people lost their lives in the country over the past three years due to hydro meteorological calamities.
- ❖ Hydro meteorological calamities include flash floods, landslides and cyclones.
- ❖ West Bengal has recorded the highest deaths among all States (964 deaths).
- ❖ This amounts to 14% of deaths due to hydro meteorological calamities.
- ❖ Other than West Bengal, Madhya Pradesh recorded 833 deaths, followed by Kerala 708.

- ❖ In both the States, the spike in the casualties has been caused by floods.
- ❖ Tamil Nadu has recorded 201 casualties.

Hindustan-228

- ❖ Hindustan Aeronautics Limited (HAL) has successfully carried ground tests for making a civilian aircraft named 'Hindustan-228'.
- ❖ Hindustan-228 aircraft has been built with the aim of supporting the regional connectivity scheme-UDAN.
- ❖ It will be utilised by civil operators and state Governments for their intra and inter-state connectivity.
- ❖ HAL is a state-owned aerospace and defence company.
- ❖ It is headquartered in Bangalore.



Bharat Net programme

- ❖ Six lakh villages in India will get internet connectivity by 2024 under the Bharat Net programme.
- ❖ Government is working towards its aim to provide internet facility for each household and to provide access to internet with a low-cost device for every member in a family.

Bharat Net initiative

- ❖ It is a flagship mission that is being implemented by Bharat Broadband Network Ltd. (BBNL).

- ❖ This Special Purpose Vehicle was set up Government of India under Companies Act, 1956.



Vriksharopan Abhiyan - 2021

- ❖ Vriksharopan Abhiyan - 2021 of Coal Ministry is launched on August 19, 2021.
- ❖ It is a key event under the Azadi Ka Amrit Mahotsav celebrations in coal sector.
- ❖ It will bring environment sustainability in mining operations
- ❖ In this year, coal PSUs of the Ministry of Coal is to launch “Go Greening” drive.
- ❖ Areas will be covered under bio-reclamation or plantation.
- ❖ Go Greening drive will be provided the right boost by launching Vriksharopan Abhiyan 2021.
- ❖ This Mission will be launched by Union Minister of Coal, Mines and Parliamentary affairs, Prahalad Joshi.

INTERNATIONAL

Forum of the Election Management Bodies of South Asia

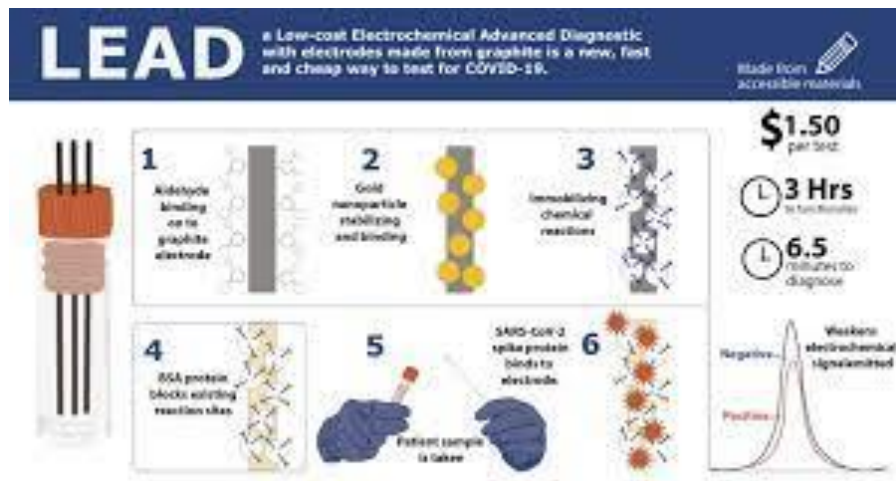
- ❖ 11th Annual meeting of the Forum of the Election Management Bodies of South Asia (FEMBoSA) for the year 2021 was inaugurated by Chief Election Commissioner of India & Chairman of FEMBoSA, Sushil Chandra.
- ❖ He was accompanied by the Election Commissioners Rajeev Kumar and A.C. Pandey.
- ❖ This virtual meeting was hosted by the Election Commission of Bhutan.

- ❖ Logo of the FEMBoSA with golden pearls stands for eternal values of democracy, transparency, impartiality and cooperation.
- ❖ FEMBoSA meeting was held under the theme of 'Use of Technology in Elections'.



SCIENCE AND TECHNOLOGY

Covid Test using Pencil Lead



- ❖ Researchers from University of Pennsylvania in US have developed a new cheaper, faster and more accurate Covid diagnostic test.
- ❖ It uses electrodes made from graphite to test the SARS CoV-2 Virus.
- ❖ It is the material found in pencil lead.

Graphite

- ❖ Graphite is a crystalline form of element carbon.
- ❖ In Graphite, atoms of carbon are arranged in a hexagonal structure.

- ❖ Graphite is also called as plumbago.

STATES

Patriots' Day - Manipur

- ❖ Manipur observed Patriots' Day on August 13 in memory of heroes who laid down their lives for the protection of Manipur's independence.
- ❖ Tikendrajit and Thangal, who were lodged in jail, were brought out on August 13, 1891, for being hanged in public at a spot near the polo ground.
- ❖ Manipur has been observing the day of the public hanging as Patriots' Day.



Gene Bank - New Delhi

- ❖ The union minister for Agriculture and Farmers Welfare, Narendra Singh Tomar has inaugurated the world's second-largest refurbished National Gene Bank.
- ❖ It was inaugurated at the National Bureau of Plant Genetic Resources, Pusa, New Delhi.
- ❖ The refurbished state-of-the-art National Gene Bank provides the facility for germplasm, to secure the heritage of seeds for years in minus 20 degrees Celsius temperature.

PERSONALITIES, AWARDS, AND EVENTS

Gallantry awards

- ❖ The President Ram Nath Kovind, the Supreme Commander of the Armed Forces, has approved 144 Gallantry awards for armed forces, police and paramilitary personnel.
- ❖ Ashok Chakra was awarded to Babu Ram (posthumously), ASI, Jammu and Kashmir Police.

- ❖ Kirti Chakra was awarded to Altaf Hussain Bhat (posthumously), Constable, J&K Police.
- ❖ The other awards include Shaurya Chakra, Bar to Sena Medal, Vayu Sena Medal and Sena Medal.



IMPORTANT DAYS

Navroz Mubarak Day - August 16

- ❖ The Parsi New year is popularly known as Navroz.
- ❖ Navroz means a new day.
- ❖ This is a festival created by the Iranian prophet Zoroaster.

