

December - 23

TNPSC BITS

- ❖ The chairman of Tata Group, Ratan Tata is to be honoured with Global Visionary of Sustainable Business and Peace award.
- ❖ The Chief Minister of Karnataka B S Yediyurappa recently launched the “Bengaluru Mission 2022”.
 - The mission aims to provide necessary infrastructure and basic amenities to people of Bengaluru to resolve their day-to-day problems and challenges.
- ❖ The United States Space Force announced a new name for its members.
 - Its space professionals will now be known as 'Guardians'.
- ❖ The UNESCO has recently recognized “Hawker” culture of Singapore.
 - It has included it under the list of intangible cultural heritage.
- ❖ Pakistan is to create a National Sex Offenders Register.
 - This is the first National Sex Offenders Register being created in the country.
- ❖ Solar Winds hack is a cyberattack recently discovered in the United States.
- ❖ The new mutation in corona virus called the N501Y identified in the United Kingdom.

NATIONAL

DRIP 2

- ❖ The World Bank recently approved 250 million USD to improve the performance of existing dams in India and to improve their safety.
- ❖ DRIP is Dam Rehabilitation and Improvement Project.
- ❖ It is being implemented with the loan assistance from the World Bank.
- ❖ The project was initially launched in seven states namely Karnataka, Jharkhand, Kerala, Karnataka, Madhya Pradesh, Odisha, Uttarakhand and Tamil Nadu.

Hypersonic wind tunnel facility

- ❖ The Defence Minister Rajnath Singh inaugurated India’s first hypersonic wind tunnel facility at Hyderabad.



- ❖ After Russia and US, India has become the third country to have such a large facility in terms of operating capability and size.

INTERNATIONAL

Gateway Treaty

- ❖ NASA and the Canadian Space Agency recently signed a historic agreement.
- ❖ Canada is to be a part of the Lunar Gateway Space Station.
- ❖ Also, a Canadian is to be a part of the Artemis II mission.
- ❖ Artemis II is the first crewed mission to the moon by NASA since 1972.
- ❖ The Lunar Gateway Space Station is about one-sixth of the size of the International Space Station.
- ❖ It is to be built in the lunar orbit.

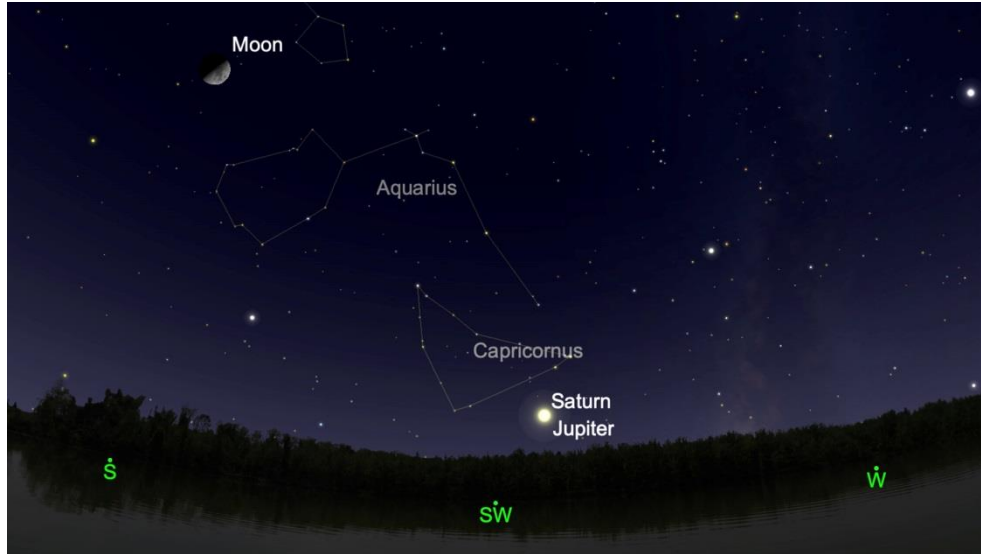
Network for Greening the Financial System

- ❖ The US Federal Bank recently joined the Network for Greening the Financial System.
- ❖ It is a network of seventy-five central banks and financial supervisors.
- ❖ It was created in 2017.
- ❖ It was established by eight Central Banks to strengthen the Global Response required to meet the goals of Paris Agreement.

SCIENCE AND TECHNOLOGY

Great Conjunction

- ❖ On December 21, 2020 the world witnessed the conjunction of Saturn and Jupiter.
- ❖ This conjunction occurs after 400 years.
- ❖ The next time, the two giants will come this close only on March 15, 2080.
- ❖ The last time these planets came this close was on July 16, 1623.
- ❖ Jupiter takes twelve years to revolve around the sun and Saturn takes 29 years.



Winter Solstice

- ❖ December 21 is the winter Solstice Day in the northern Hemisphere.
- ❖ It will be the longest night of the year.
- ❖ During Winter Solstice, the sun reaches its most southerly declination of -23.5 degrees.
- ❖ During this period, sun is directly overhead of the Tropic of Capricorn in the Southern Hemisphere.

ENVIRONMENT

12th GRIHA Summit – New Delhi

- ❖ Theme of this summit is Rejuvenating Resilient Habitats.
- ❖ It means Green Rating for Integrated Habitat Assessment Summit.
- ❖ It is the national rating system of India for any completed building construction.
- ❖ It was conceived by The Energy and Resources Institute (TERI) and was developed jointly with the Ministry of New and Renewable Energy.

Updated IUCN Red List

- ❖ The International Union for Conservation of Nature (IUCN) has updated its Red List of Threatened Species.

- ❖ Now, Ganga, Amazon, Indus, Irrawaddy species of freshwater dolphins are “threatened with extinction” on the IUCN Red List.
- ❖ The freshwater dolphins are moving from ‘data deficient to ‘endangered’.

Great Indian Bustard (GIB)

- ❖ The Wildlife Institute of India proposed to put all power transmission lines passing through Great Indian Bustard (GIB) habitat underground.
- ❖ GIB is a bird native to India and Pakistan.
- ❖ GIB is the State Bird of Rajasthan.
- ❖ The largest population is found in Rajasthan.
- ❖ The sanctuaries that conserve GIB are
 - Desert National Park, Rajasthan
 - Kutch Bustard Sanctuary, Gujarat
 - Great Indian Bustard Sanctuary or Jawaharlal Nehru Bustard Sanctuary, Maharashtra.



SPORTS

FIFA Football Awards 2020

- ❖ Robert Lewandowski of Poland becomes the best FIFA men’s player.
- ❖ Lewandowski becomes the first player since Luka Modric in 2018 to beat Lionel Messi and Cristiano Ronaldo to win the Best FIFA Men's Player.

- ❖ England and Manchester City player Lucy Bronze wins The Best FIFA Women's Player
- ❖ Jurgen Klopp of Liverpool won his second consecutive Best Men's coach of the Year award.
- ❖ Netherlands women's team coach Sarina Wiegman was named The Best FIFA Women's Coach for the second time.

IMPORTANT DAYS

International Day to End Violence Against Sex Workers - December 17

- ❖ This day was created to call attention to hate crimes committed against sex workers all over the world.
- ❖ The first annual day was held in 2003.
- ❖ It was held as a memorial and vigil for the victims of the Green River Killer in Seattle, Washington.
- ❖ It empowered workers from cities around the world to come together and organise against discrimination and remember victims of violence.

International Migrants Day - December 18

- ❖ The day recognises the importance of protecting the rights and dignity of migrants around the world.
- ❖ On 1990, December 18th, that the United Nations General Assembly adopted a resolution for the protection of the rights of migrant workers and their families.
- ❖ 2020 Theme is 'Reimagining Human Mobility'.

