

November - 06

TNPSC BITS

- ❖ Uttar Pradesh Chief Minister has inaugurated North India's first hyper-scale data centre at Greater Noida, Uttar Pradesh.

TAMIL NADU

Senna Spectabilis



- ❖ Tamil Nadu Forest Department made a comprehensive strategy to deal with the spread of Senna Spectabilis in the Mudumalai Tiger Reserve buffer zones.
- ❖ Senna spectabilis is an invasive species with bright yellow flowers.
- ❖ It was introduced as an ornamental species from South and Central America.
- ❖ It has become highly invasive in the Sigur plateau in both the core and buffer zones of the Mudumalai Tiger Reserve.
- ❖ It is one among five major invasive weeds in the Nilgiri region.
- ❖ Lantana camara, Wattle, Eucalyptus and Pine are the other 4 invasive species in this region.

NATIONAL

Bharatiya Bhasha Diwas

- ❖ The UGC has directed all the institutions of higher education in the country to observe Bharatiya Bhasha Diwas (Indian Language Day) on December 11 every year.

- ❖ It aims to create “language harmony” and develop a conducive environment for learning Indian languages.

Special Operation Medal



- ❖ The “Union Home Minister’s Special Operation Medal” for the year 2022 have been awarded for 4 Special Operations.
- ❖ The medal winners include 11 from Maharashtra.
- ❖ The medal was constituted in 2018.
- ❖ It aims to recognize those operations, which have high degree of planning, high significance for the security of the country/State/UT.
- ❖ The award shall be conferred for Special Operation in the areas such as counter terrorism, border action, arms control, prevention of narcotics smuggling and rescue operations.

INTERNATIONAL

Global TB Report 2022

- ❖ The World Health Organization released the Global TB Report 2022.
- ❖ It is released every year to provide a comprehensive assessment of the tuberculosis epidemic and the progress of countries in preventing, diagnosing and treating the disease at the global, regional and national levels.
- ❖ Over 10.6 million people fell ill because of tuberculosis in 2021.
- ❖ This is a 4.5 per cent increase when compared with 2020 figures.
- ❖ 6 million people have lost their lives to tuberculosis.
- ❖ Of these, 187,000 are HIV patients.

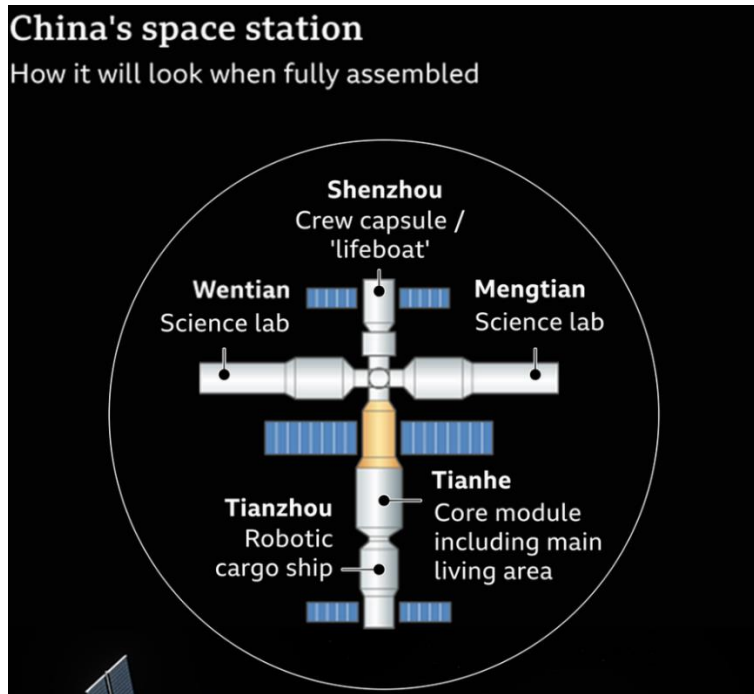
- ❖ The burden of drug-resistant tuberculosis (DR-TB) has risen by 3 per cent between 2020 and 2021.
- ❖ Last year, 450 000 new cases of rifampicin-resistant TB (RR-TB) were recorded.
- ❖ The number of reported cases of TB fell from 7.1 million in 2019 to 5.8 million in 2020.
- ❖ The situation improved in 2021, with 6.4 million people reporting TB.
- ❖ The global spending on essential TB services has declined from 6 billion USD in 2019 to 5.4 billion USD in 2021.
- ❖ This is less than 50 per cent of the global target of 13 billion USD annually by 2022.
- ❖ Over the past 10 years, 79 per cent of the funding for TB services in 2021 was from domestic sources.



Tiangong space station

- ❖ The final module of Tiangong space station “Mengtian”, was successfully launched by China.
- ❖ It is the third and final module Tiangong space station
- ❖ The module is expected to be operational for 10 years or more.
- ❖ The name “Mengtian” means “dreaming of the heavens”.
- ❖ This module, once docked on the core module Tianhe, will complete the T-shaped structure of the space station along with the other module Wentian,
- ❖ Wentian was launched in July 2022.
- ❖ The Tiangong space station is currently being constructed by China and operated by the China Manned Space Agency.
- ❖ It is operated in the low Earth Orbit between 340 and 450 km above the surface.

- ❖ The mass of this space station is around one-fifth of the mass of the International Space Station.
- ❖ Its size is almost equivalent to the decommissioned Russian Mir Space Station.



ECONOMY

RBI Digital Rupee

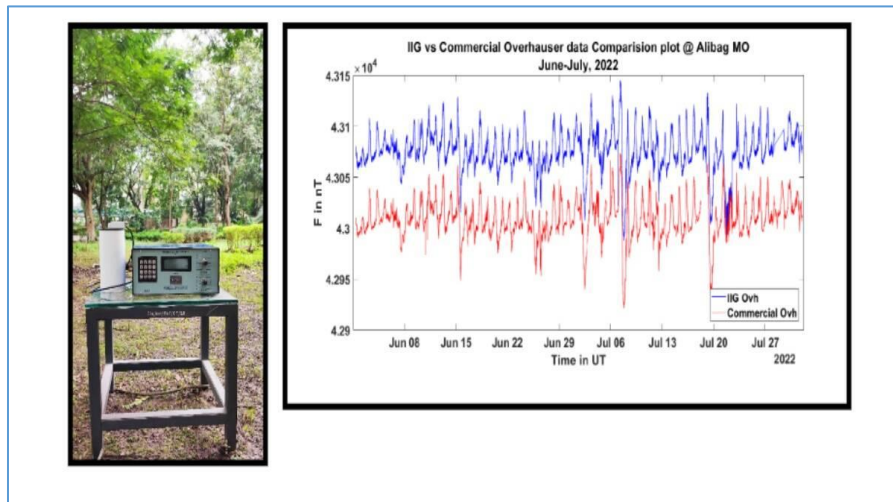


- ❖ RBI commenced a pilot launch of the digital rupee, Central Bank Digital Currency (CBDC) from November 1.
- ❖ It has identified nine banks for participation in the pilot launch.

- ❖ CBDC as legal tender issued by a central bank in a digital form.
- ❖ It is the same as a fiat currency and is exchangeable one-to-one with the fiat currency.
- ❖ In simple terms, the CBDC is basically the digital version (in an electronic form) of fiat currencies.

SCIENCE AND TECHNOLOGY

Indigenous Overhauser Magnetometer



- ❖ The Indian Institute of Geomagnetism, Mumbai has developed the magnetometer as part of its technology development program.
- ❖ It will pave way for reducing the cost of sampling and sensing experiments essential for geomagnetic sampling.
- ❖ Overhauser Magnetometer is one of the most accurate magnetometers extensively used by all magnetic observatories around the world.
- ❖ They are known for their higher accuracy, higher sensitivity, and efficient power consumption and hence find applications in all magnetic observatories worldwide as well as in international space programs.

STATES

India's first Aqua Park

- ❖ The existing Tarin Fish Farm, located at high-altitude Bulla village of Arunachal Pradesh, would be upgraded as the Integrated Aqua Park.

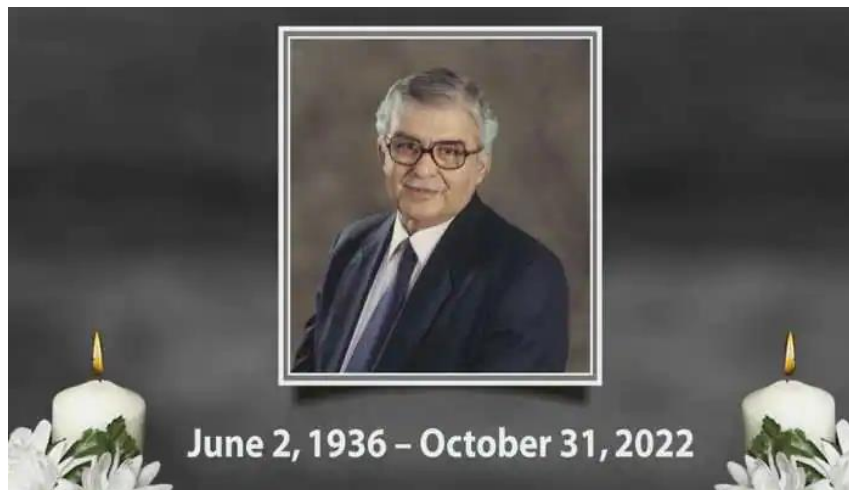


- ❖ A fish museum, the first of its kind in the Northeast, would soon be built in Arunachal Pradesh.
- ❖ The museum would be a part of the Integrated Aqua Park.



PERSONALITIES, AWARDS, AND EVENTS

Steel Man of India



- ❖ Jamshed J Irani, popularly known as Steel Man of India is passed away.
- ❖ He was conferred the Padma Bhushan in 2007 for his contribution to the industry.
- ❖ He was appointment as an International Fellow of the Royal Academy of Engineering in 1996.
- ❖ He won Honorary Knighthood by Queen Elizabeth II in 1997 for his contributions to Indo-British Trade and cooperation.

- ❖ Irani was also the recipient of the Lifetime Achievement Award by the Government of India in 2008.

New President of Brazil

- ❖ Lula da Silva recently made a comeback as the new President of Brazil.
- ❖ He defeated incumbent far right President Jair Bolsonaro.
- ❖ He served as the President of Brazil for two terms between 2002 and 2010.
- ❖ During his previous tenures as the president, Brazil witnessed a massive economic growth and large-scale implementation of social welfare programmes that raised millions of people out of poverty.
- ❖ The most popular of these social welfare programmes is the Bolsa Familia.
- ❖ It provided cash to poor families if they send their children to schools and get them to undergo regular health check-ups.

