



July - 24

TNPSC BITS

- ❖ Russia for the first time conducted a successful flight test of the MGTD-20 gas turbine engine made by 3D-printing.
- ❖ Gujarat's Kakrapar atomic power plant-3 achieved the criticality.
 - Criticality is reaching normal operating condition.
- ❖ The foundation stone for the construction of a heritage museum at Konthagai village near Keeladi in Sivaganga district was laid down by the State Government of Tamilnadu.
- ❖ The 2020 edition of the Indian Premier League (IPL) is being planned to be held in the United Arab Emirates.
- ❖ G20 Digital Minister's meeting was hosted by Saudi Arabia under the theme of Realizing Opportunities of the 21st century for all.

TAMIL NADU

Private Medical Colleges in Tamilnadu

- ❖ Two more private Medical colleges in Tamilnadu are give permission to start medical courses from this year.
- ❖ By thus Tamilnadu has 16 Private Medical colleges.
- ❖ Tamilnadu has also 24 operational Government Medical colleges in the state.
- ❖ 11 new Government medical colleges in the state are under construction.
- ❖ The policy of the state is to start new medical in every district and increase seats in all existing medical colleges to 250.
- ❖ In 2019 August, the cabinet committee on economic affairs had approved setting up of 75 government medical colleges by 2021-22 across the country.

NATIONAL

NSO report

- ❖ National Statistical Office (NSO) has report on “Household Social Consumption: Education”.
- ❖ The report surveyed 1.13 lakh households spread across over 8,000 villages and 6,000 urban blocks between July 2017 and June 2018.



Highlights of the report

- ❖ The all India literacy rate among persons aged 7 years and above is 77.7% with rural literacy (73.5%) and urban literacy (87.7%).
- ❖ Digital divide - Only 4% of the rural households having access to computers as compared to 23% in urban areas.
- ❖ Gross attendance ratio is nearly 100% of boys and girls in rural as well as urban areas attending classes.

INTERNATIONAL

Global Real Estate Transparency Index

- ❖ It is released by Jones Lang LaSalle's (JLL), a global real-estate firm in the USA.
- ❖ It has been tracking real estate transparency since 1999.
- ❖ In this Index, India has been placed at 34th rank.

India Excerpts and Perspectives

Global Real Estate Transparency Index 2020

India is at 34th Position in the list



India Ideas Summit

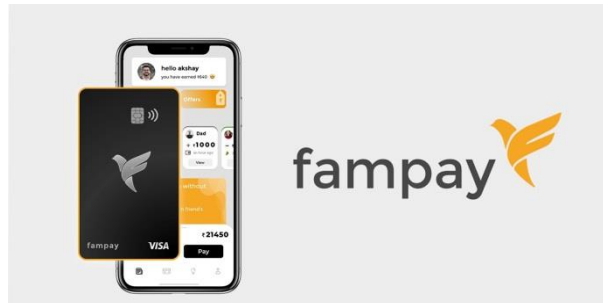
- ❖ The US-India Business Council (USIBC) hosted India Ideas Summit 2020 under the Focus of "Building a Better Future".
- ❖ The Summit will convene government leaders and business men for discussion about US-India partnership.

ECONOMY

FamCard

- ❖ FamPay, in partnership with IDFC First Bank, launched India's 1st numberless card, FamCard.

- ❖ FamPay with National Payments Corporation of India (NPCI) developed this card.
- ❖ This card is accepted across the RuPay payment network of merchants.
- ❖ FamPay is India's first Neobank for teenagers.



SCIENCE AND TECHNOLOGY

Dhruvastra

- ❖ The trials of India's Helicopter - launched Nag Missile anti-tank guided missile (HELINA) were successfully conducted at Integrated Test Range (ITR) in Odisha.
- ❖ It is now known as Dhruvastra
- ❖ It is a third-generation fire and forget class anti-tank guided missile (ATGM) system.
- ❖ It has been mounted on the Advanced Light Helicopter (ALH).
- ❖ Nag was also one of the first five strategic missiles that were planned to develop under the Integrated Missile Development Programme in the 1980s.



SACU

- ❖ India and the South African Customs Union (SACU) revived initiative for Preferential Trade Agreement.

- ❖ It is a customs union among five countries of Southern Africa and is Headquartered at Windhoek, Namibia.
- ❖ Southern African Customs Union (SACU) is consisting of South Africa, Namibia, Botswana, Lesotho, Eswatini.

DDT supply

- ❖ The HIL has supplied DDT (dichloro-diphenyl-trichloroethane) to South Africa for their Malaria control program.
- ❖ The Hindustan Insecticides Limited (HIL) is a Public Sector Unit under the Ministry of Chemicals and Fertilizers.
- ❖ HIL is the sole manufacturer of DDT globally.
- ❖ It has recently exported Malathion to Iran for the Locust Control Programme.

Bharat Drone

- ❖ Defence Research and Development Organisation (DRDO) provided the indigenously developed drone named “Bharat”.
- ❖ It is to monitor the high-altitude areas and mountain terrains along the line of actual control in the Eastern Ladakh (China Border).
- ❖ The Bharat series drones are listed among World’s most agile and lightest surveillance drones.



ENVIRONMENT

Vriksharopan Abhiyan

- ❖ The scheme will focus on creating green spaces by planting tree saplings in mined out areas.
- ❖ It will be implemented by Ministry of Coal.

STATES

Mission COPE (Covid Plasma Endeavour)

- ❖ Karnataka inaugurated its maiden plasma bank at Bengaluru as a part of Mission COPE.
- ❖ The state government in association with HCG Hospital and COVID India Campaign has launched Mission COPE.
- ❖ It is to control the spread of COVID-19 and to promote plasma donation among the recovered patients.

PERSONALITIES, AWARDS, AND EVENTS

Gulbenkian Prize for Humanity

- ❖ The climate activist from Sweden Greta Thunberg became the first recipient of the inaugural award.
- ❖ It was awarded by Calouste Gulbenkian Foundation.



Roshni Nadar Malhotra

- ❖ She is India's richest woman now.
- ❖ She becomes the 1st woman to head a listed Indian IT company HCL.



IMPORTANT DAYS

Pi Approximation Day - July 22

- ❖ The fraction $22/7$ is an approximate value of Pi.
- ❖ Pi was presented by William Jones in 1706, and the use of the symbol of Pi was popularized by Leonhard Euler.
- ❖ An 18th-century French mathematician, Georges Buffon, invented a way to calculate π based on probability.

