

July - 13

TNPSC BITS

- ❖ The second-largest source of FDI in the United Kingdom is now from India.
 - United States continues to be the number one source of FDI in the United Kingdom.

TAMIL NADU

Medical Colleges in Tamilnadu

- ❖ Chief Minister Edappadi K Palaniswami laid foundation for a new government medical college in at Ariyalur, Kallakuruchi and Nilgris.
- ❖ The State government has obtained permission from the Union Government for establishing 11 new medical colleges in various districts.
- ❖ It includes Ramanathapuram, Virudhunagar, Dindigul, Tirupur, Namakkal, Nagappattinam, Krishnagiri and Tiruvallur.

Paul Harris Fellow award

- ❖ Chief Minister Edappadi K Palaniswami was given Paul Harris Fellow recognition.
- ❖ It was given by the Rotary Foundation of Rotary International headquartered at Chicago of USA.
- ❖ Paul Harris Fellow recognition is accorded to honour people who render efficient services in providing drinking water, sanitation, prevention of diseases, environment, world peace etc.





NATIONAL

SheshNaag Train

- ❖ The SheshNaag Train is 2.8 km long freight train.
- ❖ It is the longest train ever created and operated by the Indian Railways.
- ❖ It was achieved by the South East Central Railway Zone, Nagpur Division of the Indian Central Railways.
- ❖ It is currently running between Nagpur in the western state of Maharashtra to Korba in the North-Western State of Haryana.
- ❖ It is important to note that on June 30, 2020, the Indian Railway Ministry had operated a 177-coach freight train named 'Super Anaconda Train'.

IMD Data

- ❖ As per the data from the Indian Meteorological Department (IMD), June 2020 was the wettest June in Indian in the last 12 years.
- ❖ This has resulted in 2.5 Times Increase in the Sowing Area of Kharif Crops across the country.
- ❖ Kharif Crops are grown in hot and humid rain fed areas.

SWADES Skill Card

- ❖ Union Government has launched a skill-mapping exercise of the citizens returning to the country under the Vande Bharat Mission.
- ❖ SWADES (Skilled Workers Arrival Database for Employment Support), is the joint initiative by
 - Ministries of skill development & entrepreneurship,
 - Ministry of civil aviation,
 - Ministry of external affairs.

ECONOMY

250 basis points cut

- ❖ The Reserve Bank of India (RBI) has cut the repo rate by 135 basis points since February 2019 till the onset of COVID-19.
- ❖ After the onset of Covid 19, the Monetary Policy Committee (MPC) has decided to cut the policy repo rate by 115 basis points.

SCIENCE AND TECHNOLOGY

Production of lithium in stars

- ❖ The question regarding the production of lithium in stars has been solved by Indian researchers.
- ❖ Stars actually destroy lithium as they evolve into red giants.
- ❖ Planets were known to have more lithium than their stars.
- ❖ However, some stars were found that were lithium-rich.
- ❖ When stars grow beyond their Red Giant stage it is known as the Red Clump stage.
- ❖ Here they produce lithium.
- ❖ It is known as a Helium Flash.
- ❖ The study also challenges the present understanding of nucleosynthesis in stars.
- ❖ The Big Bang Nucleosynthesis theory predicts that roughly 25% the mass of the Universe consists of Helium.
- ❖ The present abundance of lithium in the universe is only four times the original (Big Bang) value.
- ❖ Lithium is commonly used today in communication device technology.
- ❖ It was first produced in the Big Bang, around 13.7 billion years ago when the universe came into being, along with other elements.



Vaccine Trails

- ❖ Indian institutions have started the registrations to conduct the human trials of Coronavirus vaccines in India namely, COVAXIN and ZyCov-D.



- ❖ The COVAXIN is developed jointly by ICMR & Bharat Biotech and the other vaccine, ZyCov-D Vaccine has been developed by Zydus Cadila.

Itolizumab

- ❖ The Drug Controller General of India (DCGI) has given its approval to 'Itolizumab' injection.
- ❖ It is for the treatment of COVID-19 patients with restricted emergency use only in case of moderate to severe Acute Respiratory Distress Syndrome (ARDS) patients.
- ❖ Bengaluru based biopharmaceutical company - Biocon Limited is the developer and the manufactures of the Itolizumab injection.

ENVIRONMENT

Fourth Cycle of the All India Tiger Estimation 2018

- ❖ It has set a new record by entering the Guinness World Record for being the world's largest camera trap wildlife survey.
- ❖ The All India Tiger Estimation done every four years is directed by the National Tiger Conservation Authority with technical support from the Wildlife Institute of India.
- ❖ India had an estimated 2,967 tigers out of which 2461 individuals were photo captured.
- ❖ India has nearly 75% of the global tiger population.
- ❖ India has already fulfilled its resolution of doubling the tiger numbers much before its target year 2022.
- ❖ The resolution was made at St. Petersburg in 2010.

IMPORTANT DAYS

World Population Day - July 11

- ❖ It was established in 1989 by the United Nations Development Programme (UNDP).
- ❖ It was inspired by the 'The Day of Five Billion'.
- ❖ It was observed on 11th July 1987 as an approximate day when the world population crossed 5 billion.



- ❖ The 2020 Focus will be on 'Peace in the Home: Safeguarding the Health and Rights of Women and Girls - Even During COVID-19'.
- ❖ As estimated in March 2020, the global population is estimated to have crossed 7.8 billion.
- ❖ As per projects, the human population in the world will reach about 10 billion in the next 3 decades.

