



September - 20

# **TNPSC BITS**

- ✤ The Union Cabinet has decided to allow 100% FDI (Foreign Direct Investment) through an automatic route in the telecom sector.
- The New Subject "Social Justice" will be introduced in the Madras University from the next academic year.
- ✤ A new short-term course "Annavin Tamiliyam" was introduced in the Tamilnadu Open University.
- The meeting on Heads of Tax Authorities of the BRICS countries was held under the Chairship of India.
  - It was held with the broad theme of "redefining business processes of tax administration amidst the challenges posed by COVID-19 and in the digital era".
- The Union Cabinet of India has approved the Memorandum of Understanding (MoU) with Italy on Cooperation in the field of Disaster Risk Reduction and Management.

# NATIONAL



- ◆ Union Minister for Road Transport, Nitin Gadkari launched 'iRASTE'.
- ✤ It is an Artificial Intelligence-powered project.

#### **iRASTE**





- ✤ The project aims to help reduce road accidents, understand the factors responsible for these events and come up with solutions to mitigate them.
- iRASTE stands for Intelligent Solutions for Road Safety through Technology and Engineering.
- It has been launched on a pilot basis in Nagpur, Maharashtra.
- It is launched jointly by the Centre, Intel, INAI, IIIT-Hyderabad, CSIR-CRRI (Central Road Research Institute), Mahindra & Mahindra and Nagpur Municipal Corporation (NMC).

### Hybodont sharks



- ✤ These have been reported for the first time from the Jurassic rocks.
- The Jurassic period refers approximately, between 160 and 168 million-yearsold.
- It is found at the Jaisalmer region of Rajasthan by a team of the Geological Survey of India (GSI).
- Hybodonts, an extinct group of sharks, was a dominant group of fishes in both marine and fluvial environments during the Triassic and early Jurassic time.
- They finally became extinct at the end of the Cretaceous time 65 million years ago.
- With this discovery, the genus Strophodus is discovered for the first time in the Indian subcontinent.
- ✤ It is only third such discovery from Asia after Japan and Thailand.
- The Geological Survey of India (GSI) was set up in 1851 primarily to find coal deposits for the Railways.
- ✤ Headquartered in Kolkata, GSI is an attached office to the Ministry of Mines.





### **INTERNATIONAL**

#### First women head - UNCTAD



- Rebecca Grynspan will serve as the Secretary-General of UNCTAD (United Nations Conference on Trade and Development) for the period of four years from 2021.
- She became the first woman and Central American to hold such post.
- She is the former Vice-President of Costa Rica.
- She succeeded Dr. Mukhisa Kituyi.
- ✤ Kituyi was also the first Kenyan to head the UN trade agency from 2013 to 2021.

#### First all-tourist crew - "Earth circling trip"

- ✤ The SpaceX rocket blasted off from NASA's Kennedy Space Centre.
- This crew included Chris Sembroski, Sian Proctor, Jared Isaacman and Hayley Arceneaux.
- The crew of the Inspiration4 is now officially in orbit, according to SpaceX.
- ✤ It is the first-ever orbital flight crewed entirely by tourists.
- ✤ The passengers will now spend three days aboard their 13-foot-wide Crew Dragon capsule in orbit at a 350-mile altitude.
- Dragon capsule is aimed for an altitude of 575 km, beyond the Hubble Space Telescope.







### **TIME's 100 Most Influential People list**



- ✤ TIME magazine has unveiled its annual list.
- The list is divided into six categories Icons, Pioneers, Titans, Artists, Leaders and Innovators.
- Prime Minister Narendra Modi, West Bengal Chief Minister Mamata Banerjee and Serum Institute of India CEO Adar Poonawalla have been named among the list.
- Taliban Deputy PM Mullah Abdul Ghani Baradar also included into this listed.





According to Time, India has had three pivotal leaders namely Jawaharlal Nehru, Indira Gandhi and Modi.

#### **AUKUS**

- United States, United Kingdom and Australia have announced this new partnership.
- ✤ It is a new trilateral security partnership for the Indo-Pacific region.
- ✤ The first project of AUKUS will be to help Australia acquire a nuclear-powered conventionally-armed submarine fleet.



## **ECONOMY**

#### **Army Chief's conclave**

- The 8th edition of the Indian Army Chief's Conclave was organised at New Delhi.
- ◆ It is a gathering of serving and former Chiefs of Army Staff of the Indian Army.
- The invitation was extended to former Chiefs of the Nepali Army, who were also Chiefs of the Indian Army.







### **Notified Airport**

- The Central Board of Indirect Taxes and Customs (CBIC) has declared Kushi nagar Airport as a Customs notified airport.
- This would also facilitate international passenger movements including that of Buddhist pilgrims.
- The Kushi nagar airport is an international airport in the state of Uttar Pradesh.

### Equinox



- Infosys launched Infosys Equinox to help the enterprises.
- ✤ It aims to securely deliver hyper-segmented, personalized omnichannel commerce experiences for B2B and B2C buyers.





#### **Trade and Development report 2021**

- ✤ The UNCTAD report has noted that India's GDP growth rate is expected to grow at 7.2% in 2021.
- ♦ With this growth rate, India will be the fastest growing economy after China
- ✤ In 2022, even with a slower growth rate of 6.7%, the country will still be the fastest-growing major economy.



## **ENVIRONMENT**

#### India's first plant to capture CO2



- ✤ Tata Steel has commissioned India's first carbon capture plant.
- ♦ It extracts CO2 directly from the blast furnace gas, at its Jamshedpur Works.





- With this achievement, Tata Steel has become the country's first steel company to adopt such a carbon capture technology.
- ✤ The plant can capture 5 tonnes of CO2 per day (5 tonne per day TPD).
- This project has been executed with technological support from Carbon Clean, a global leader in low-cost CO2 capture technology.

## **SPORTS**

## Virat Kohli



- ✤ Indian skipper Virat Kohli will step down as the T20 captain of the Indian cricket team after the men's T20 World Cup in Dubai in October 2021.
- $\boldsymbol{\diamondsuit}$  He will remain the captain for the ODI and Test formats.

## **IMPORTANT DAYS**

#### International Day of University Sport – 20 September

- The International University Sports Federation (FISU) proposed to UNESCO to internationally recognize a day dedicated to university sport in 2015.
- This date coincides in most countries around the world with the beginning of the academic year.
- ✤ It is also the date of the first Student World Championships in 1924.







Railway Protection Force (RPF) Day – 20 September







- It was celebrated to commemorate the conferring of the Armed Force status to RPF.
- It is on par with the other paramilitary forces of the Union of India on September 20, 1985.
- ◆ It is a security force, established by the Railway Protection Force Act, 1957.
- ✤ It is under the authority of Ministry of Railways.

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