

May - 27

## TNPSC BITS

- ❖ The World Thyroid Day is observed on May 25th across the World.
- ❖ The Uttar Pradesh Government announced that it will be setting up a Migration Commission for the welfare of migrants.
  - The Migration Commission will primarily work to ensure job and social security of the migrant workers through the skill mapping of the migrants.
- ❖ The Ministry of Road Transport and Highways notified emission norms for L7 (quadricycles) category for BS VI.
  - The vehicles with four wheels with mass more than 400 kg are placed under L7 category, which is the size of a three-wheeler but with four tyres and is fully covered like a car.
- ❖ Mizoram grants 'industry' status to sports, the first state in India to do so.
  - It is aimed to further bolster the sports activities, by attracting investment.

## TAMIL NADU

### Singampatti Zamin

- ❖ Zamindar Murugadoss Theerthapathy passed away.
- ❖ He was India's last crowned prince and was residing in Singampatti, a small Palayam near Tirunelveli.
- ❖ He was the 31st crowned king in the Singampatti Zamin.





## **ECONOMY**

### **World Steel Report**

- ❖ The World Steel Association released the World Steel Report.
- ❖ According to the report, the crude steel production in India declined by 65%.
- ❖ India is currently operating under its National Steel Policy 2017.
- ❖ Under the policy, India is to increase its steel production to 300 million tonnes by 2030.
- ❖ China has reported 1.7% fall in steel production.
- ❖ This is the first time China is facing an output decline.

## **SCIENCE AND TECHNOLOGY**

### **Antarctic Impulsive Transient Antenna (ANTIA)**

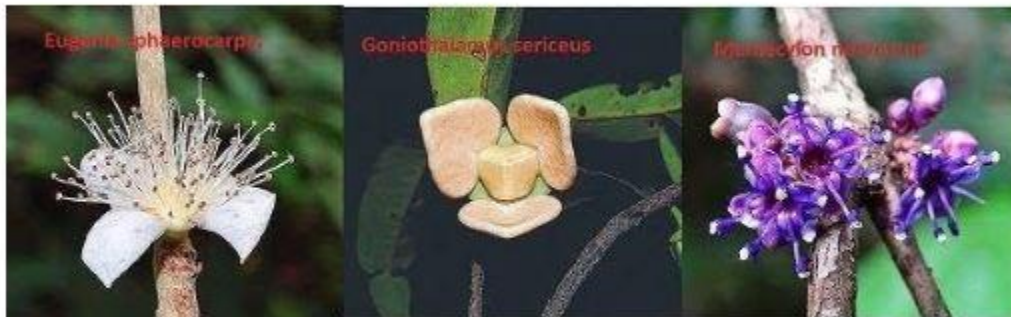
- ❖ The NASA researchers have found high energy particles erupting from ice in the Antarctic region.
- ❖ The researchers believe that these particles are proof to parallel universe.
- ❖ The ANITA detect radio pulses that are being emitted by Antarctic ice sheet.
- ❖ The neutrinos in the ice produce radio pulses due to Askaryan effect.
- ❖ Askaryan effect is the phenomenon where a particle travelling at a velocity faster than light in a dense electric medium.
- ❖ It is the first NASA observatory of neutrinos.
- ❖ Neutrinos are the only particle that reaches the earth unattenuated.
- ❖ Neutrinos are high-energy particles that pose no threat to us and pass through most solid objects without anyone even noticing.
- ❖ Neutrinos constantly bombard Earth and 100 trillion neutrinos pass through our body every second.
- ❖ Rarely do they interact with matter.
- ❖ But if they do smash into an atom, they produce a shower of secondary particles we can detect.
- ❖ It allows us to probe where they came from in the universe.



## ENVIRONMENT

### New plant species from Western Ghats

- ❖ Three new plant species reported in the evergreen forest patches of the southern end of the Western Ghats in Kerala and Tamil Nadu.
- ❖ These are as follows
  - *Eugenia sphaerocarpa* of the Myrtaceae or Rose apple family - Found in Kakkayam area of the Malabar wildlife sanctuary in Kerala.
  - *Goniothalamus sericeus* of the Annonaceae family of custard apple - Found in the Kanyakumari wildlife sanctuary in Tamil Nadu.
  - *Memecylon nervosum* of the Melastomataceae.



## STATES

### Puthimari River

- ❖ It rises in Assam, India.
- ❖ It is a tributary of the Brahmaputra River.

- ❖ It is known for its floods and high sediment load.
- ❖ Recently it is in news for flooding after Amphan cyclone.



### **Bihar GI tagged products**

- ❖ Shahi litchi, katarni rice, Zardalu/jardalu mango and magahi paan (betel vine) are food items from the state of Bihar which has been awarded GI tag.
- ❖ Muzaffarpur, Vaishali, Samastipur, Champaran, Begusarai districts of Bihar have favourable climate for Shahi litchi.
- ❖ Bihar produces 40% of the litchi grown in the country, in which 60% are Shahi litchis.
- ❖ Zardalu Mango of Bhagalpur (Bihar) is famous in world by its unique fragrance.

