

November - 28

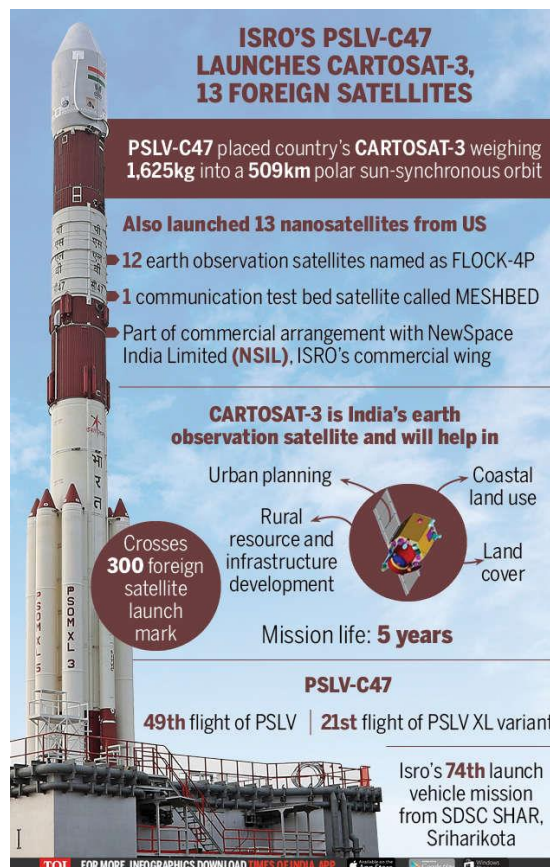
## TNPSC BITS

- ❖ Mukesh Ambani-led Reliance Industries (RIL) became the “first Indian firm” to cross the market capitalisation of ₹10 lakh crores.
  - The second most valued firm in India is Tata Consultancy Services (TCS) with a market capitalisation of ₹7.81 lakh crores.

## NATIONAL

### PSLV-C47 / CARTOSAT-3 Mission

- ❖ The Polar Satellite Launch Vehicle PSLV-C47 carried the CARTOSAT-3 satellite along with the other commercial nano-satellites for the US
- ❖ ISRO successfully launched CARTOSAT-3, 13 nano-satellites from Sriharikota
- ❖ This is the 21st flight of PSLV in 'XL' configuration (with 6 solid strap-on motors).
- ❖ Cartosat-3 satellite is a third-generation agile advanced satellite having high resolution imaging capability.



- ❖ The mission life of the Cartosat-3 is 5 years.
- ❖ This is the 9th satellite of Cartosat series developed by ISRO.
- ❖ One of Cartosat-3's cameras offers a ground resolution of 25 cm.
- ❖ Only government and government authorised agencies can access ISRO's high-resolution imageries below a resolution of 1 m.
- ❖ Practical Uses of CARTOSAT: large scale urban planning, rural resource and infrastructure development, coastal land use and land cover, etc.
- ❖ In addition to CARTOSAT, 13 Commercial Nanosatellites from USA were also successfully injected into designated orbit in the same mission.

### **Mitra Shakthi VII: India-Sri Lanka**

- ❖ The seventh edition of India-Sri Lanka joint training exercise, Exercise MITRA SHAKTI- 2019 is scheduled to be conducted at Foreign Training Node (FTN), Pune from 01 - 14 December 2019.
- ❖ Mitra Shakthi is conducted annually as part of military diplomacy and interaction between armies of India & Sri Lanka.

### **Lokpal – New Motto and Logo**

- ❖ The new motto of Lokpal is 'Ma Gridhah Kasyasvidhanam' which in English means "Do not be greedy for anyone's wealth."
- ❖ It has been taken from a sloka of 'Ishabasoupanishad'.
- ❖ A new logo has also been adopted for Lokpal.



- ❖ The logo symbolises how Lokpal protects and cares for the people of India by establishing justice as per law.



- ❖ The Lokpal became functional after the appointment of its Chairman and members in March 2019.
- ❖ Justice (retired) Pinaki Chandra Ghose is currently the Chairman of Lokpal.

### **Kartavaya Portal of HRD Ministry**

- ❖ The Union Human Resource Development (HRD) Ministry has launched the kartavya.ugc.ac.in portal for holding monthly essay competitions for students.
- ❖ The portal will be used primarily for holding monthly essay competitions, quizzes, poster making, debates, to students in higher educational institutions.
- ❖ Eleven rounds of National Essay Competitions will be held during the year.
- ❖ The topics of the essay will be based on one Fundamental Duty every month.

### **Rising bad number of Mudra Loans**

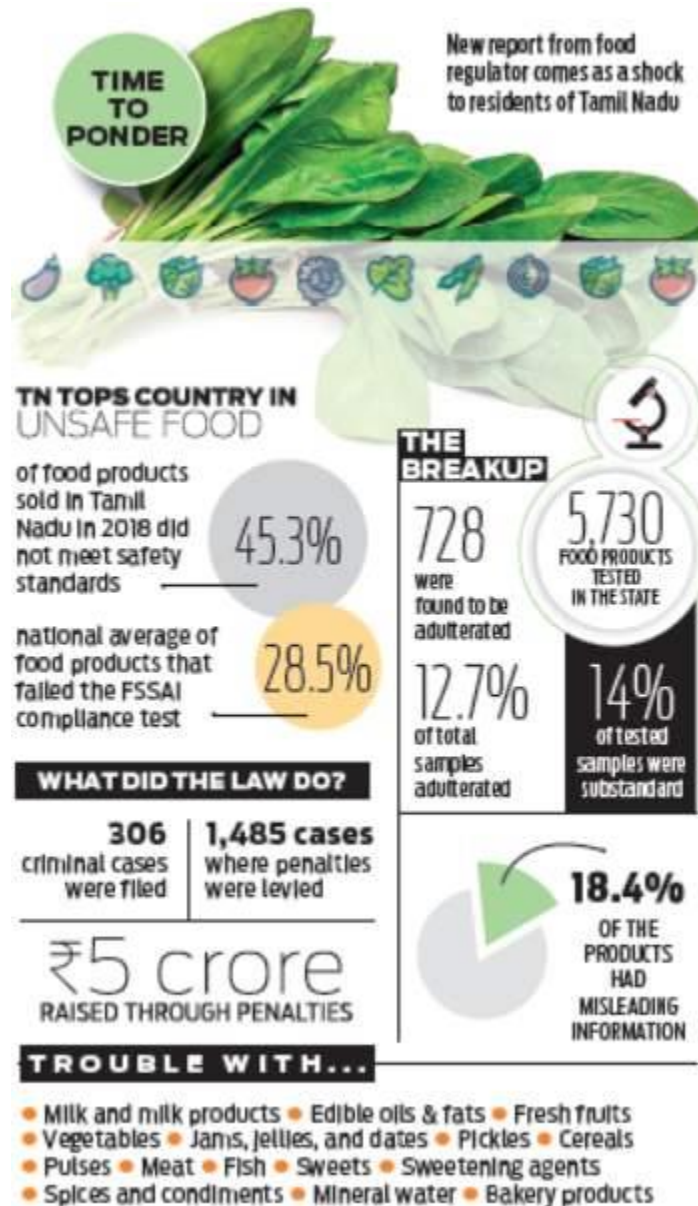
- ❖ The Reserve Bank of India has expressed concern over rising bad loans from Pradhan Mantri MUDRA Yojana (PMMY).
- ❖ This scheme was started in April 2015.
- ❖ It offers faster credit to small businesses, with ticket sizes starting from ₹50,000 and going up to ₹10 lakh.

### **FSSAI Safety Report**

- ❖ The Food Safety and Standards Authority of India (FSSAI) has released data for 2018-19 on enforcement of norms.
- ❖ This was the first year the data had been compiled for unsafe, substandard and labelling defects separately.
- ❖ Ten States/UTs that have performed well include Uttarakhand, Goa, Bihar, Sikkim, Gujarat and Telangana.
- ❖ Ten States that have performed poorly include Nagaland, Uttar Pradesh, Tamil Nadu, Jharkhand, Jammu & Kashmir, Rajasthan and Punjab.

#### **Tamilnadu**

- ❖ FSSAI report states that food in Tamilnadu is the most unsafe in the country.
- ❖ 45% of food samples did not meet required standards.
- ❖ 12.7 % samples were adulterated and unsafe for consumption.



## INTERNATIONAL

### Largest Diplomatic Mission of the World: China

- ❖ For the first time in history, China has established the largest diplomatic network in the world, even bigger than that of the US.
- ❖ According to the Sydney-based Lowy Institute, China has 276 diplomatic posts globally, three more than America.
- ❖ India is ranked 12 in the global ranking list.



- ❖ India has 123 Embassies/High Commissions, 54 consulates, 5 permanent missions and 4 other representations.

### **WATEC Conference 2019 - Israel**

- ❖ Union Minister of Jal Shakti Gajendra Singh Shekhawat, represented India at the 8th WATEC (Water Technology and Environment Control) Conference 2019.
- ❖ The conference was held at David Intercontinental in Tel Aviv, Israel.
- ❖ It was aimed at disseminating information on up to date and important trends related to water and environmental management.
- ❖ The theme of the conference is “Water Stewardship and Innovation – Driving global leadership in the responsible planning management, and protection of water”.

### **Building a Better Web (www) - Tim Berners Lee**

- ❖ Tim Berners-Lee, the inventor of the World Wide Web, has announced a new “contract for the web” in collaboration with 80 organisations and governments around the world.
- ❖ The idea is to create a global plan of action for all stakeholders to build a “better web”.
- ❖ The contract consists of 9 principles, three each for governments, citizens and companies.

## **ENVIRONMENT**

### **Emissions Gap Report – 2019**

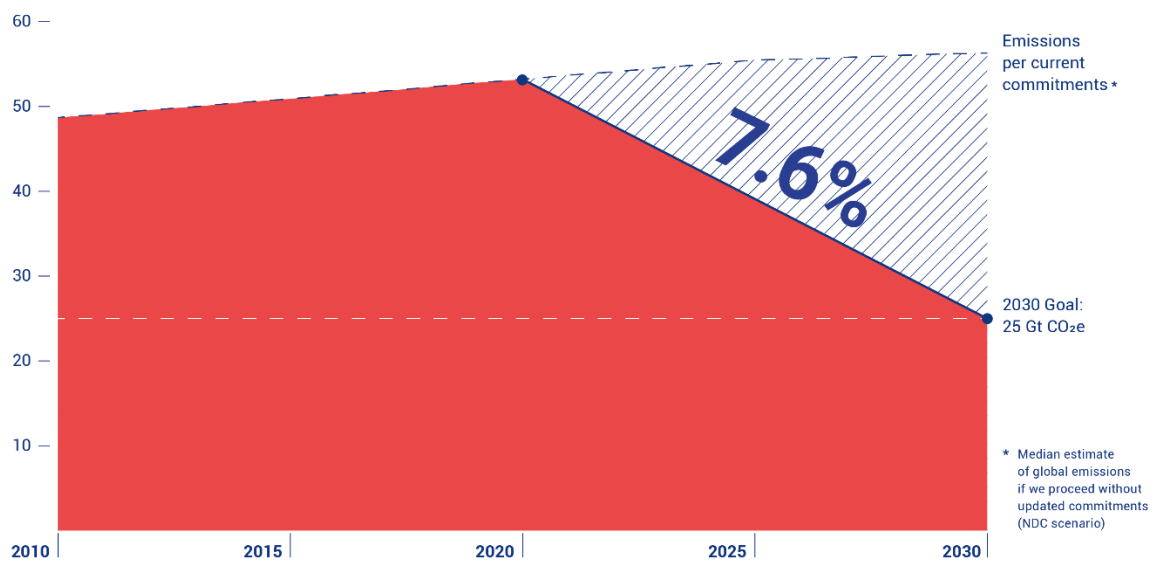
- ❖ The UN Environment Programme (UNEP) has released its annual 10th Emissions Gap Report for the year 2019.
- ❖ This report assesses the gap between anticipated emissions in 2030 and levels consistent with the 1.5°C and 2°C targets of the Paris Agreement.

#### **Findings**

- ❖ Greenhouse gas emissions have risen 1.5 per cent per year over the last decade.
- ❖ Emissions in 2018 = 55.3 gigatonnes of CO<sub>2</sub> equivalent.
- ❖ Even if Paris Agreement is implemented, temperature is expected to go up by 3.2°C over pre-industrial levels.

#### **Target**

- ❖ To meet the 1.5°C temperature goal of the Paris Agreement, global greenhouse gas emissions must fall by 7.6 per cent each year between 2020 and 2030.



### Top Polluters

- ❖ India is the third-largest emitter behind the top polluters United States and China respectively.
- ❖ per capita emissions of India is significantly below US, China and lowest within G20 Countries.
- ❖ The G20 (a group of 19 countries, plus the EU) account for 78% of all emissions.

## STATES

### **‘Water 4 Change’ – Kozhikode**

- ❖ The Centre for Water Resources Development and Management (CWRDM) with the support of six prominent institutes has come up with a new project called ‘Water 4 Change’.
- ❖ It is implemented on a pilot basis in Kozhikode and would be expanded to Bhuj, Bhopal, and Shimla.
- ❖ It is a comprehensive urban water management system.



## **PERSONALITIES, AWARDS, AND EVENTS**

### **DRDO Chairman becomes Fellow of RAeS**

- ❖ Royal Aeronautical Society (RAeS) London has conferred the Honorary Fellowship of the Society for the year 2019 to G Satheesh Reddy, Secretary Department of Defence R&D and Chairman DRDO.
- ❖ He is the first Indian recipient of this prestigious award in over 100 years.
- ❖ He was recognised for contributions to India's frontline military systems and world-class missile technologies.

#### **About the Award**

- ❖ This fellowship is considered as Nobel Prize in the aerospace.
- ❖ It is the world's highest distinctions, awarded for only most exceptional contributions to the aerospace profession.
- ❖ The first Honorary Fellowship was awarded in the year 1917.

