

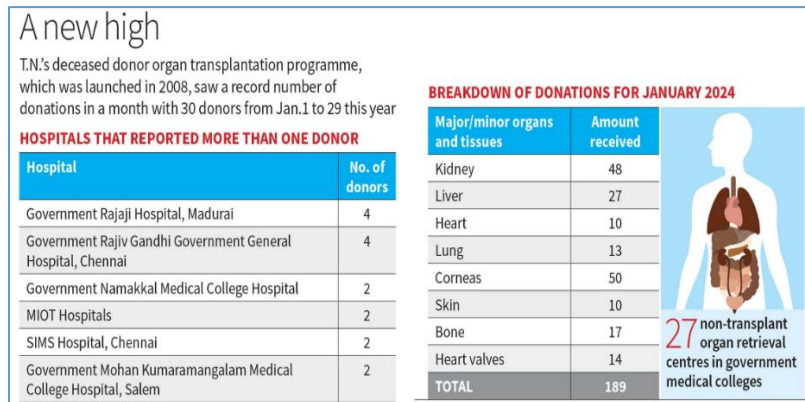
February - 01

## TNPSC BITS

- ❖ India's first pilot technology project to make jet fuel from alcohol was inaugurated in Pune.
- ❖ The Directorate of Revenue Intelligence (DRI) in Delhi have thwarted attempts to smuggle gold and silver from Hong Kong under Operation Black Gold.
- ❖ The 4th edition of the two-day Organic Orange Festival was held in Rüsoma Village, Nagaland.
- ❖ World neglected tropical diseases day is observed annually on 30th January since 2020.
  - o 'Unite. Act. Eliminate' is the theme of 2024 observation.

## TAMIL NADU

### Cadaver donations record in Tamilnadu



- ❖ Organ donations have reached a new high in Tamil Nadu.
- ❖ The State recorded its all-time high number of cadaver donations in a month with 30 donors from January 1 to 29, 2024.
- ❖ This was the highest number of donations in a month since 2008 when the cadaver transplantation programme took off.

## NATIONAL

### 75<sup>th</sup> anniversary of Supreme Court

- ❖ Supreme Court of India observed the Diamond Jubilee celebration in Delhi.

- ❖ During the event, Digital Supreme Court Reports (Digi SCR), Digital Courts 2.0, and a new bilingual website for the Supreme Court were launched.
- ❖ Digital Courts 2.0, under the e-Courts project, focuses on providing electronic court records to district court judges, incorporating AI for real-time transcription.
- ❖ The Digital Supreme Court Reports (Digi SCR), which has 36,308 cases of the apex court, dating back from 1950, accessible to the public in the digital format.
- ❖ The SC came into existence on 26 January 1950 with the coming into force of the Constitution.
- ❖ It initially functioned from the old Parliament building where the Federal Court of India sat for 12 years from 1937 to 1950.
- ❖ It moved to the present building in New Delhi in 1958.



## **INTERNATIONAL**

### **G77 + China third south summit 2024**

- ❖ The 3rd South Summit ended in Kampala, Uganda.
- ❖ It gathered high-level representatives from nearly 100 countries and heads of United Nations agencies.
- ❖ The event held under the theme "Leaving No One Behind".
- ❖ The summit aims to promote South-South cooperation in the fields of trade, investment, sustainable development, climate change, poverty elimination and digital economy.
- ❖ The South Summit is the supreme decision-making body of the Group of 77 (G77).
- ❖ It was established in June 1964.

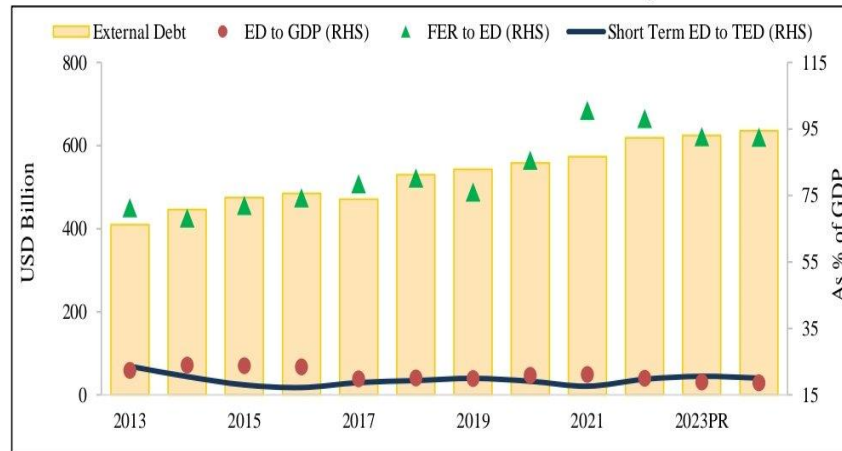
- ❖ Since the 1990s, China has been coordinating and cooperating with the G77 through the "G77 and China".
- ❖ Although it maintains its identity as G77+China, the forum is currently made up of 134 member countries.



## ECONOMY

### 'Indian Economy – A Review'

Chart 18: India's External Debt Position and Vulnerability Indicators

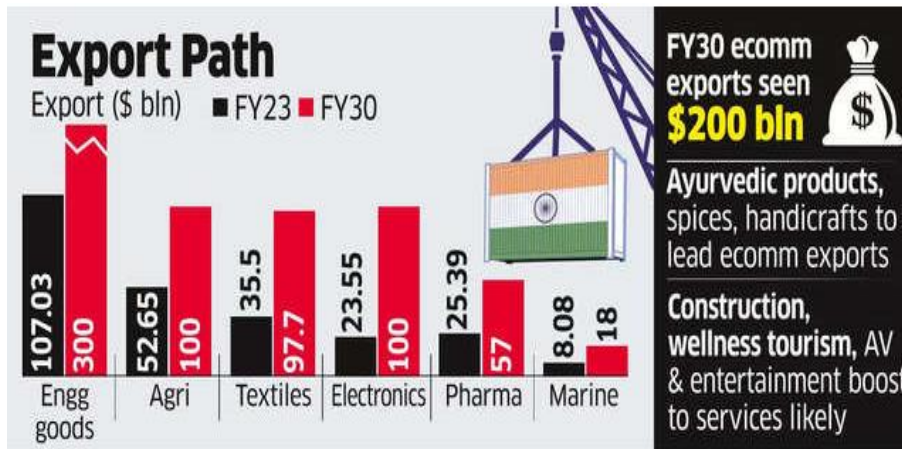


Source: RBI; Note: PR - Partially Revised, P - Provisional; ED – external debt, FER – foreign exchange reserves, TED – total external debt

- ❖ "The Indian Economy: A Review," the 74-page document authored by V Anantha Nageswaran, Chief Economic Adviser to the government, was released.
- ❖ India will mark the fourth year after the COVID-19 pandemic that the country's economy will have grown at or over 7%.

- ❖ India is to grow at 8–9% when the world economy is growing at 4%.
- ❖ 51 crore bank accounts are under the Jan Dhan Yojana, which now have total deposits of over ₹2.1 lakh crore, including over 55% by women.
- ❖ In December 2019, household financial assets were 86.2% of GDP; liabilities were 33.4% of GDP.
- ❖ Also, in March 2023, these numbers were 103.1% and 37.6%, respectively.
- ❖ The net financial assets of households were 52.8% of GDP in December 2019, and by March 2023, it had improved to 65.5% of GDP.
- ❖ Female Labor Force Participation Rate rose from 23.3 per cent in 2017-18 to 37 per cent in 2022-23.

## 1 trillion Exports Target



- ❖ The country's total merchandise exports in FY2022–2023 are estimated to be \$447 billion.
- ❖ This is the highest ever achieved as compared to \$422 billion in the previous fiscal.
- ❖ India has identified electronics, engineering goods, textiles, marine & agriculture, toys and pharmaceuticals as the six sectors that could help the country achieve almost 70% of its \$1-trillion goods export target by FY30.
- ❖ These sectors have the potential to reach \$670 billion in exports by FY2030, compared to India's total goods exports of \$451 billion in FY2023.
- ❖ Engineering Goods expected to grow from \$107 billion in FY2023 to \$300 billion in exports by FY2030.
- ❖ Pharma exports could rise from \$25 billion presently to \$57 billion by FY2030.
- ❖ Electronics exports are estimated to reach \$100 billion.
- ❖ Textiles sector is expected to touch \$97.7 billion.

- ❖ Marine and Agri product exports are estimated to reach \$118 billion by FY2030.

## SCIENCE AND TECHNOLOGY

### Ingenuity Mars Helicopter

- ❖ Nasa's Mars robot helicopter Ingenuity, the first vehicle to achieve powered, was controlled flight on another world.
- ❖ Ingenuity ultimately buzzed over the Martian terrain 14 times farther than originally planned.
- ❖ It was covering a distance of 10.5 miles (17 km) through all 72 flights.
- ❖ Its peak altitude was measured at 78.7 feet (24 meters).



## ENVIRONMENT

### Lab-made White Rhinoceros

- ❖ The scientists announced the first-ever rhino pregnancy achieved by transferring a lab-made rhino embryo into a surrogate mother.
- ❖ In 2009, four northern white rhinos were brought from a zoo in the Czech Republic to a conservancy in Kenya.
- ❖ The death of the last male in 2018 made the extinction of the northern white rhino.
- ❖ Breakthroughs in IVF or stem cell technologies can in theory produce northern white rhino calves long after the species is extinct.
- ❖ One rhino is poached every 16 hours on average in Africa.
- ❖ While the southern whites form the largest surviving rhino species, there are fewer than 7,000 black rhinos in Africa.
- ❖ Only 4,000 one-horned rhinos in Asia.

- ❖ Populations of the other two rhino species — the Javan and the Sumatran — are down too fewer than 100 each.



### **Laughing gull in India**

- ❖ Laughing gull is a migratory bird from North America.
- ❖ It has been sighted for the first time in the country at the Chittari estuary in Kasaragod district of Kerala.
- ❖ It was smaller than the brown-headed gull.
- ❖ This discovery elevates the total number of bird species found in India to 1,367.
- ❖ Kasaragod district contributing 400 species to the State's overall count of 554.



## **STATES**

### **Caste census in Andhra Pradesh**

- ❖ Andhra Pradesh launched a comprehensive caste census on Friday to enumerate all the castes in the state.

- ❖ A special phone app has been designed by the government to conduct the census.
- ❖ Andhra Pradesh has become the second state in the country, after Bihar, to launch such a caste census.

<b>20K STAFFERS TO BE DEPLOYED</b>		
<ul style="list-style-type: none"> <li>▶ Entire process will be done through online (mobile) including taking biometrics of people</li> </ul>	<ul style="list-style-type: none"> <li>▶ The questions include name, village/mandal/district, total number of family members, &amp; relationship with the family head</li> </ul>	
<ul style="list-style-type: none"> <li>▶ Village/ward volunteer of the respective locality will lead the teams</li> </ul>	<ul style="list-style-type: none"> <li>▶ They will also enter information about the type of house (thatched/RCC/duplex/flat) and whether its own or rented</li> </ul>	
<ul style="list-style-type: none"> <li>▶ There are 15 questions in section-1 mostly about family details</li> </ul>	<ul style="list-style-type: none"> <li>▶ They will also collect information whether the household owns a LPG</li> </ul>	
<ul style="list-style-type: none"> <li>▶ Anyone of the family members can authenticate the survey by using the following options 1) Biometric 2) IRIS 3) Facial 4) OTP</li> </ul>	<ul style="list-style-type: none"> <li>▶ Question 9 in section 2 is about the caste of the individual household</li> </ul>	<ul style="list-style-type: none"> <li>▶ The caste column has a list of about 726 castes one of which the volunteer will select</li> </ul>

#### **4<sup>th</sup> National Chilika Bird Festival**

- ❖ The 4th National Chilika Bird Festival was held in Mangalajodi, Odisha.
- ❖ The festival celebrates the 10 lakh winged visitors of 200 species that visit Mangalajodi during the winter.
- ❖ Chilika lies in the Central Asian Flyway for birds.
- ❖ It is a major stopover for migratory birds from the arctic and sub-arctic during their onward and return migration along the east coast.
- ❖ Mangalajodi, situated in the North Eastern Part of Chilika, the largest brackish water lake of Asia, is known as the "Birds Paradise of Asia".

