

August - 05

TNPSC BITS

- ❖ The Indian shooter Swapnil Kusale secured a bronze medal in the 50m Rifle 3 positions event at the Paris Games.
- ❖ The Atomic Energy Regulatory Board (AERB) recently accorded permission for the 'first approach to criticality' of India's indigenous 500 MWe sodium-cooled Prototype Fast Breeder Reactor (PFBR) at Kalpakkam.
- ❖ The Central Water Commission (CWC) has been awarded the GEEF Global Water Tech Award for 'Water Department of the Year' at the Global Water Tech Summit 2024, hosted by the Global Energy and Environment Foundation (GEEF).

TAMIL NADU

Chennai Double-Decker Corridor



- ❖ The double-decker Metro construction for Corridor 4 in Chennai is progressing swiftly.
- ❖ It marks India's first double-decker Metro with both lines supported on the same pier.

- ❖ The 5 km stretch will feature four stations-Alwarthirunagar, Valasaravakkam, Karambakkam, and Alapakkam.

‘Thagaisal Tamizhar’ award 2024



- ❖ Tamil Nadu government has announced ‘Thagaisal Tamizhar’ (distinguished Tamilian) award for veteran Congress leader Kumari Ananthan.
- ❖ This is the fourth year the award is being conferred.
- ❖ N Sankaraiah, R Nallakannu and K Veeramani were the previous awardees.
- ❖ He was elected MLA four times, in 1980, 1984, 1989 and 1991.
- ❖ He was elected as MP in 1977.
- ❖ He was appointed chairman of Palmyrah Development Board in 2008.

NATIONAL

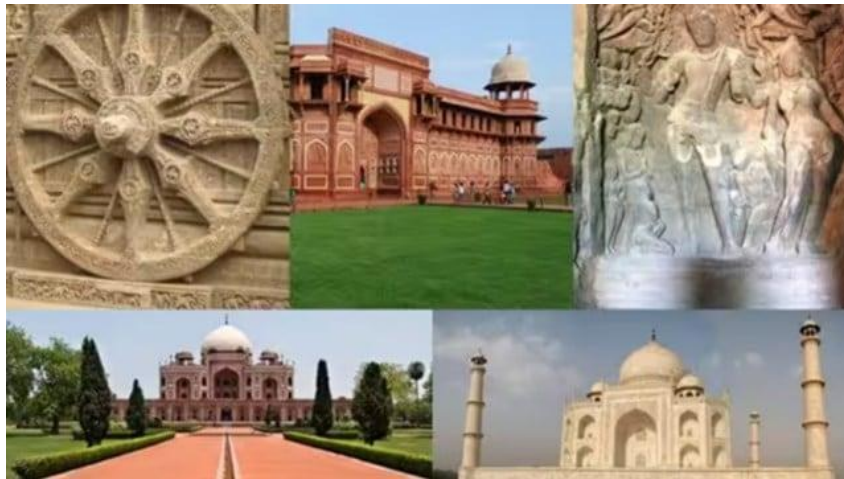
One DAE One Subscription initiative



- ❖ The Department of Atomic Energy (DAE) has launched the “One DAE One Subscription” (ODOS) initiative at Tata Memorial Hospital in Mumbai.

- ❖ The initiative provides comprehensive access to scientific and academic resources for DAE employees.
- ❖ ODOS is created to make it easier for DAE members to access both national and international research papers and journals online.

Tentative List for World Heritage site 2024



- ❖ There are nearly 60 properties in India which find a place in the Tentative List for further inclusion in the UNESCO World Heritage List.
- ❖ A Tentative List is an inventory of those properties that each State Party intends to consider for nomination as a UNESCO World Heritage Site.
- ❖ Recently the mound-burial system of the Ahom dynasty in Assam - 'Moidams' was inscribed on the UNESCO World Heritage List.
- ❖ The site was put in the Tentative List of the UNESCO World Heritage Sites in 2014.
- ❖ As of now, 42 properties have been inscribed on the World Heritage List."

Project Tiger and tribals displacement

- ❖ The Rights and Risks Analysis Group (RRAG), released the report highlighting the impact of Project Tiger on tribal and forest-dwelling communities.
- ❖ The report was titled "India's Tiger Reserves: Tribals Get Out, Tourists Welcome."
- ❖ It stated that out of these 5.5 lakh people identified for relocation by the Tiger Projects.
- ❖ About 20,857 families, comprising 92,605 people, were relocated by December 31, 2021, as per the central govt.
- ❖ Therefore, about 457,394 persons or 1,03,016 families are yet to be relocated.

- ❖ In monetary terms, it would cost Rs 15,2766 million or US\$1,853 million in addition to the requirement of massive land for resettlement.
- ❖ While 2,54,794 persons were identified for relocation from 50 tiger reserves from 1973 to 2021.
- ❖ At least 290,000 persons are slated to be displaced from six tiger reserves being created from 2021 period.
- ❖ It means a whopping 967% increase of displacement per tiger reserve in the post-2021 period.
- ❖ The report states that among the 2.9 lakh persons are expected to be displaced in the post-2021 period, 4,000 from the Srivilliputhur-Megamalai Tiger Reserve, Tamil Nadu, about 4,400 from Ramgarh Vishdhari Tiger Reserve, Rajasthan.

India's Tiger Reserves: Tribals Get Out, Tourists Welcome

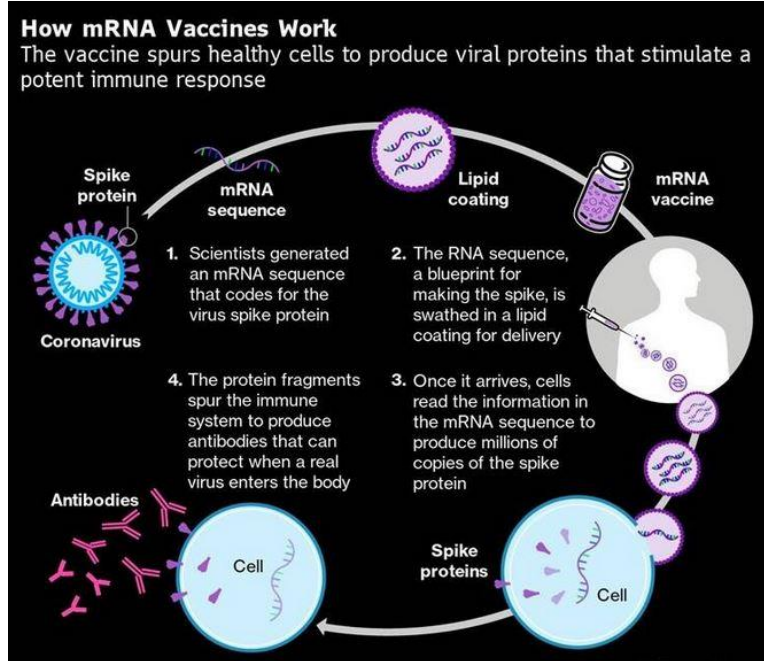


INTERNATIONAL

H5N1 Vaccines Using mRNA

- ❖ The World Health Organisation (WHO) has announced, a new project to develop vaccines for human bird flu infections, using cutting-edge messenger RNA technology.
- ❖ Argentinian Sinergium Biotech would lead the effort and had already begun developing candidate H5N1 vaccines.

- ❖ The bird flu H5N1 was first emerged in 1996, but since 2020 an exponential growth in outbreaks in birds has occurred in parallel to mammals, and a few humans.
- ❖ This has prompted fears the virus could spark a future pandemic.



Bolivia in Mercosur

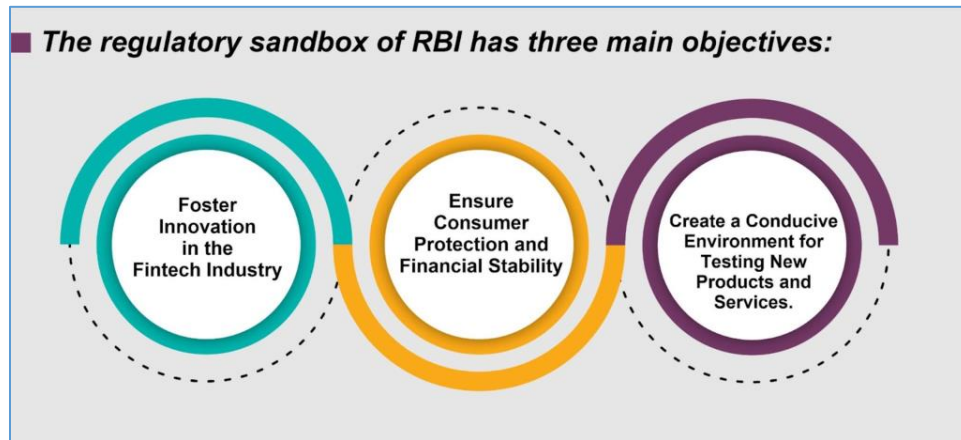


- ❖ Bolivia recently became a full member of Mercosur.
- ❖ The Southern Common Market is commonly known by Spanish abbreviation Mercosur, and Portuguese Mercosul.
- ❖ This South American trade bloc was established by the Treaty of Asunción in 1991 and Protocol of Ouro Preto in 1994.

- ❖ Its full members are Argentina, Brazil, Paraguay and Uruguay.
- ❖ Venezuela is a full member but has been suspended since 1 December 2016.
- ❖ Its associate countries are, Chile, Colombia, Ecuador, Guyana, Peru, and Suriname.

ECONOMY

RBI's 5th Cohort Regulatory Sandbox



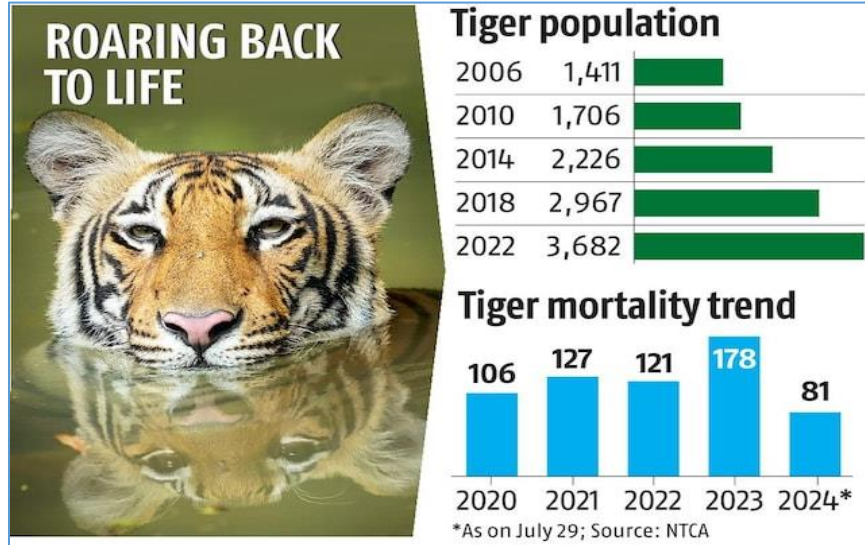
- ❖ RBI said five entities were selected for the test phase of the regulatory sandbox's theme-neutral fifth cohort that it had announced in October last year.
- ❖ The banking regulator received 22 applications for this cohort of the regulatory sandbox.
- ❖ A regulatory sandbox refers to live testing of new products or services in a controlled regulatory environment for which regulators may or may not permit certain relaxations for the limited purpose of testing.

ENVIRONMENT

Tiger deaths in India 2024

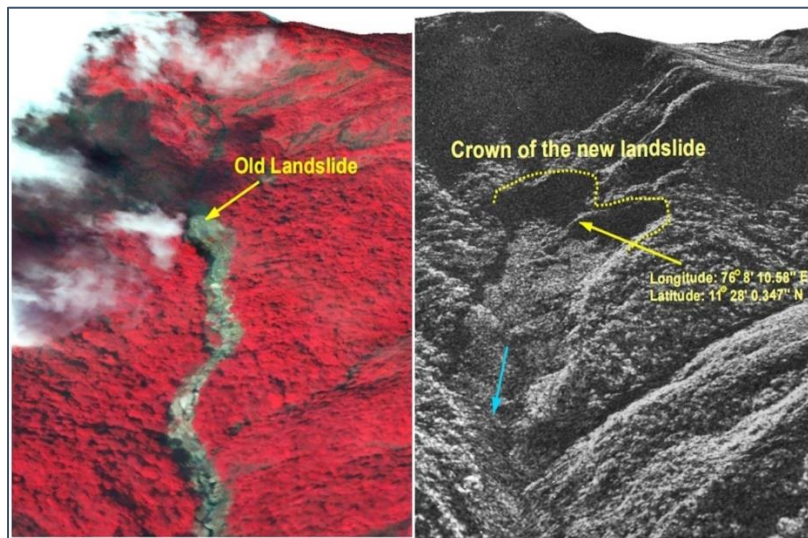
- ❖ The number of tiger deaths in India has significantly decreased, with 81 reported fatalities from January 1 to July 29, 2024.
- ❖ 114 fatalities recorded during the same period last year.
- ❖ This represents a 29 per cent decline in tiger deaths.
- ❖ The year 2023 was the worst for the tiger population, recording the highest number of mortalities in a decade with 178 tigers dying.

- ❖ A total of 628 tigers died in India during the past five years due to natural causes and other reasons, including poaching.
- ❖ Meanwhile, 349 people were killed in tiger attacks during this period, with Maharashtra alone recording 200 deaths.
- ❖ 96 tigers died in 2019, 106 in 2020, 127 in 2021, 121 in 2022, and 178 in 2023.



STATES

Landslides In Waynad



- ❖ The massive landslides occurred at Meppadi in Waynad district, Kerala due to extremely heavy rain.
- ❖ India accounts for about 8% of global fatalities due to landslides.

- ❖ During the period 2001-21, the landslides caused 847 deaths and displaced thousands.
- ❖ Sikkim has the largest land area (57.6%) that is landslide-prone.
- ❖ Kerala is the most vulnerable state with over 14% of its land mass in the “very high susceptibility” category.

IMPORTANT DAYS

World Wide Web Day 2024 - August 01

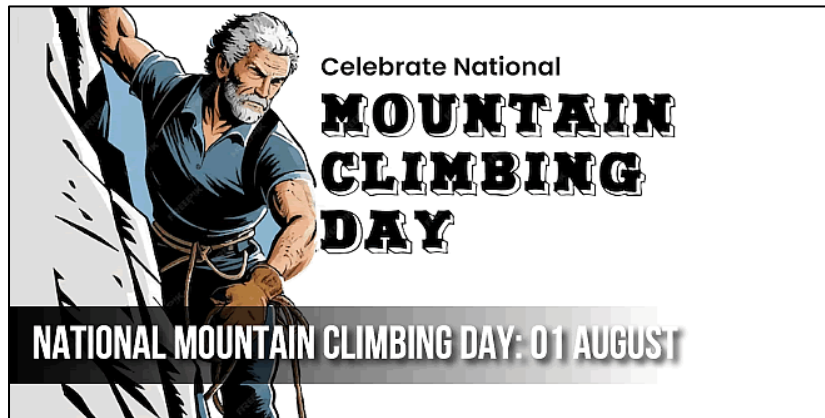
- ❖ This day celebrates the creation of the World Wide Web (WWW) by the English scientist Tim Berners-Lee.
- ❖ He created it in 1989 while employed by the European Organisation for Nuclear Research (CERN).
- ❖ On August 6, 1991, info.cern.ch, the first website ever, went live.



National Mountain Climbing Day 2024 - August 01

- ❖ It was initiated to honour Bobby Matthews and his companion Josh Madigan for successfully scaling all 46 peaks of the Adirondack Mountains, New York.

- ❖ In 1965, Lt Col Avatar. S. Cheema became the first Indian to climb Mount Everest.
- ❖ In 1984, Bachendri Pal became the first Indian woman to climb Mount Everest.



World Breastfeeding Week - August 01 to 07

- ❖ It is celebrated to highlight the importance of nursing for a baby to ensure the best nutrition and overall health.
- ❖ This day promotes supportive policies that empower mothers, educate families, and increase awareness.
- ❖ This is a commemoration of the 1990 Innocenti Declaration.
- ❖ This year's theme is "Closing the gap: Breastfeeding support for all."

