

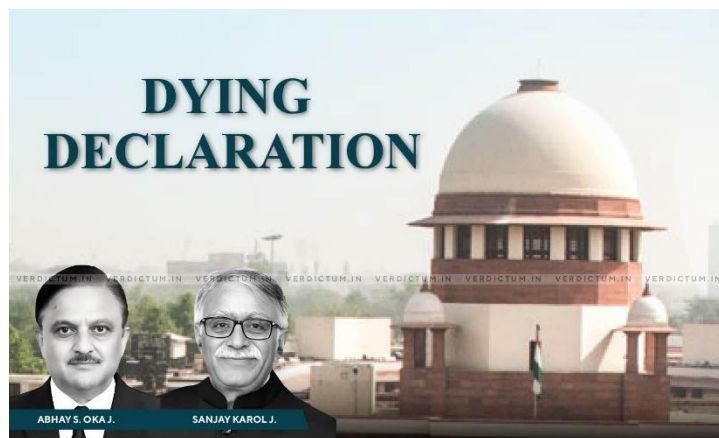
March - 11

TNPSC BITS

- ❖ The Agriculture Integrated Command and Control Center was inaugurated at the Krishi Bhawan in the national capital.
- ❖ Philanthropist and author Sudha Murty was nominated to the Rajya Sabha.
 - She is the wife of Infosys co-founder N R Narayana Murthy and is also the chairperson of the Murty Trust and has authored several books.
- ❖ England's James Anderson has joined Muttiah Muralitharan and Shane Warne in the elite 700 Test wickets club.
- ❖ In recognition of country's efforts to combat Measles and Rubella, India has been bestowed with the prestigious Measles and Rubella Champion Award by The Measles and Rubella Partnership.
- ❖ The first edition of the Biannual Naval Commanders' Conference 2024 was held onboard the aircraft carrier INS Vikramaditya.
- ❖ The Directorate General of Civil Aviation (DGCA) has given approval to Goa-based airline FLY91 to start commercial operations.
- ❖ The first Bharat Steam Boiler Expo 2024 was held at Veterinary College Field in Guwahati, Assam.

NATIONAL

Verdict on Dying Declaration



- ❖ The Supreme Court observed that if the Court is satisfied that the dying declaration is true and voluntary, it can be made sole basis for conviction without any further corroboration.

- ❖ This was held during the Naem Vs. State of Uttar Pradesh.
- ❖ During the case of Atbir v. Government of NCT of Delhi, the Supreme Court laid down certain factors to be taken into consideration while resting the conviction on the basis of dying declaration.

Fourth edition of Lineman Diwas

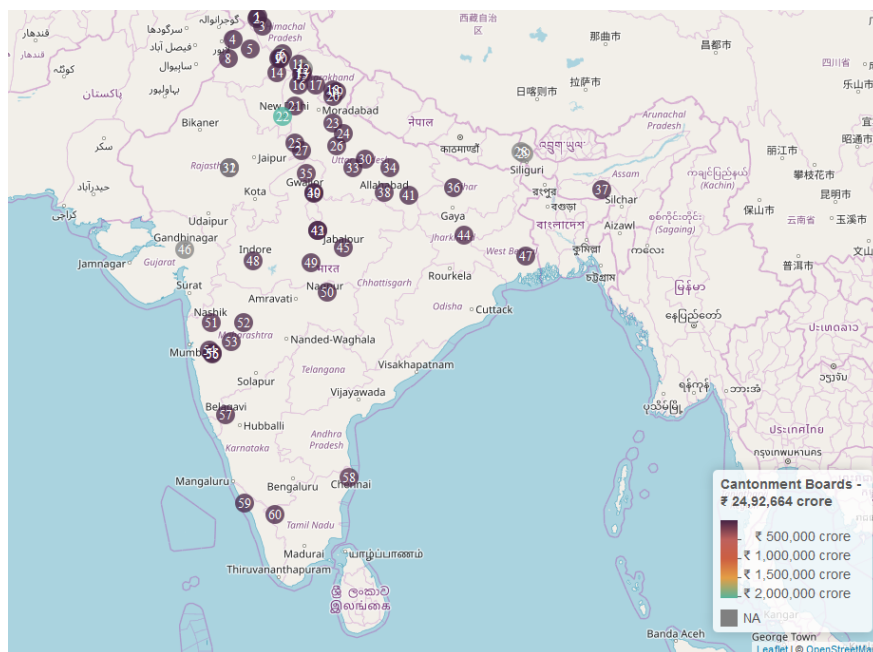
- ❖ The Central Electricity Authority (CEA), Ministry of Power is organizing the celebration of the fourth edition of 'Lineman Diwas'.
- ❖ The day is being celebrated in order to recognize the tireless dedication and service of the linemen and ground maintenance staff.
- ❖ The theme for the fourth edition is 'Seva, Suraksha, Swabhiman'.



Denotification of 10 Cantonments

- ❖ The Centre issued a gazette notification to denotify civil areas of 10 cantonments (out of 58) in the country.
- ❖ These areas will now be merged with the state municipalities (local bodies) concerned.
- ❖ The process to remove civil areas from other cantonments, including six of Himachal Pradesh, is underway.
- ❖ The 10 include
 - Dehradun and Clement Town Cantonments in Uttarakhand;
 - Fatehgarh, Babina, Shahjahanpur and Mathura Cantonments in UP;

- Deolali Cantonment in Maharashtra;
- Ramgarh Cantonment in Jharkhand;
- Ajmer and Nasirabad Cantonments in Rajasthan.
- ❖ Cantonments are designed as places of residence of both civilians and military personnel.
- ❖ The Cantonments are notified under the Cantonments Act, 1924 (Now by the Cantonments Act, 2006).
- ❖ The central government, after consulting the state governments and cantonment boards, hereby declares its intention to exclude certain areas of the said cantonments and the merger of such areas with the state local bodies.



INTERNATIONAL

WHO report on Dolutegravir

- ❖ As per the new report by WHO, resistance to the antiretroviral drug dolutegravir (DTG) is increasing among HIV patients.
- ❖ Since 2018, WHO has recommended dolutegravir as the preferred first- and second-line HIV treatment due to its effectiveness, ease of use and minimal side effects.
- ❖ In 2022, more than 75% of the 39 million people living with HIV globally were receiving HIV treatment.

- ❖ 1.3 million new HIV infections and 630,000 HIV-related deaths are reported in 2022.



ECONOMY

India's Unemployment Rate 2023

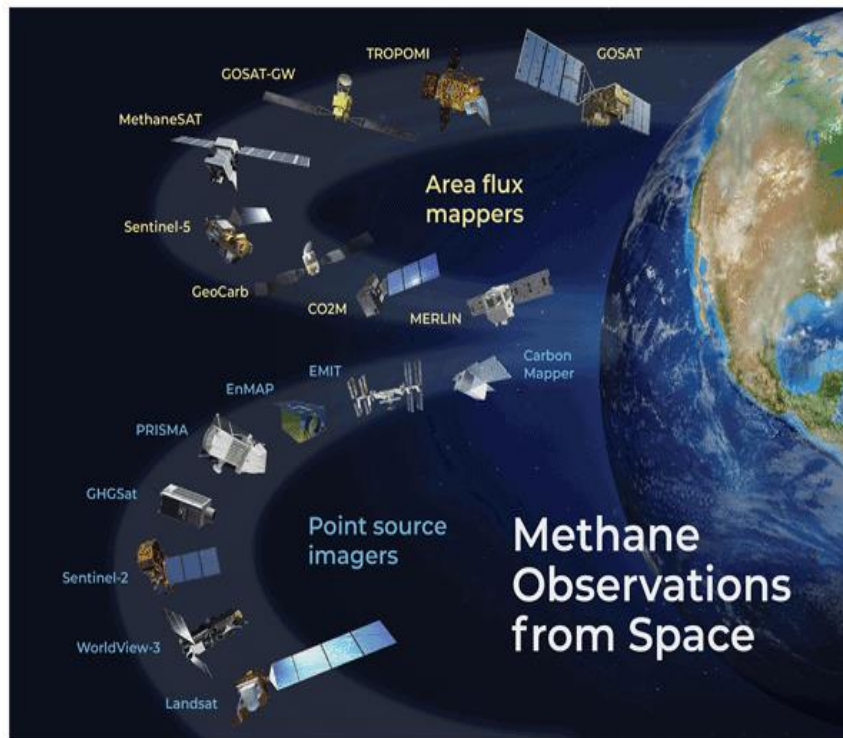


- ❖ India's unemployment rate declined to 3.1% in 2023 from 3.6% in the previous year.
- ❖ A significant reason for the decline in the unemployment rate was the decline in urban unemployment.

- ❖ The overall rate of unemployment declined in urban areas to 5.2 per cent in 2023 from 5.7 per cent in 2022 and 6.5 per cent in 2021.
- ❖ In rural areas, it came down to 2.4 per cent in 2023 from 2.8 per cent in 2022 and 3.3 per cent in 2021.
- ❖ The unemployment rate among females also declined to 3 per cent in 2023 from 3.3 per cent in 2022 and 3.4 per cent in 2021.
- ❖ For males, it came down to 3.2 per cent in 2023 from 3.7 per cent in 2022 and 4.5 per cent in 2021.

SCIENCE AND TECHNOLOGY

MethaneSAT



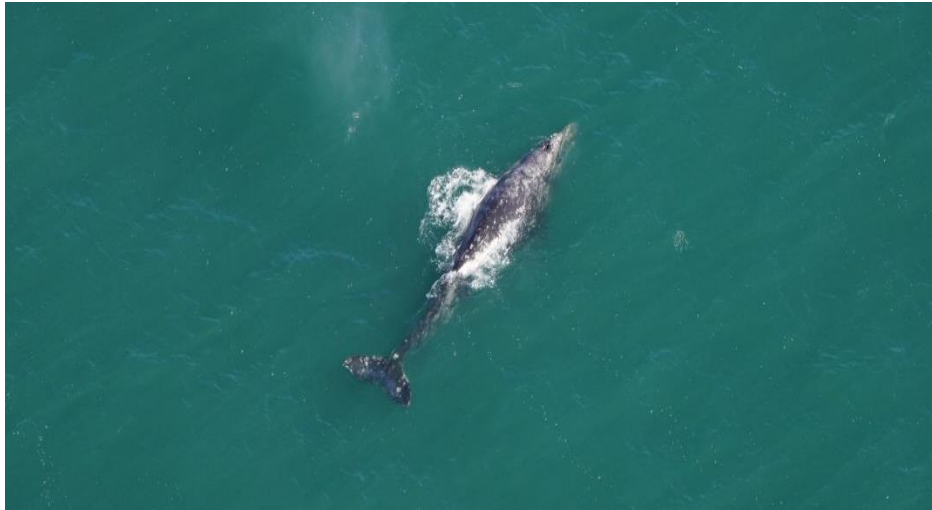
- ❖ MethaneSAT is a satellite which will track and measure methane emissions at a global scale was launched recently.
- ❖ A US-based nonprofit environmental advocacy group Environmental Defense Fund (EDF) is the entity behind MethaneSAT.
- ❖ MethaneSAT will orbit the Earth 15 times a day, monitoring the oil and gas sector.
- ❖ It will create a large amount of data, which will tell “how much methane is coming from where, who’s responsible, and are those emissions going up or down over time



- ❖ Methane is an invisible but strong greenhouse gas, and the second largest contributor to global warming after carbon dioxide.
- ❖ It is responsible for 30 per cent of global heating since the Industrial Revolution.

ENVIRONMENT

Grey Whale Reappearance

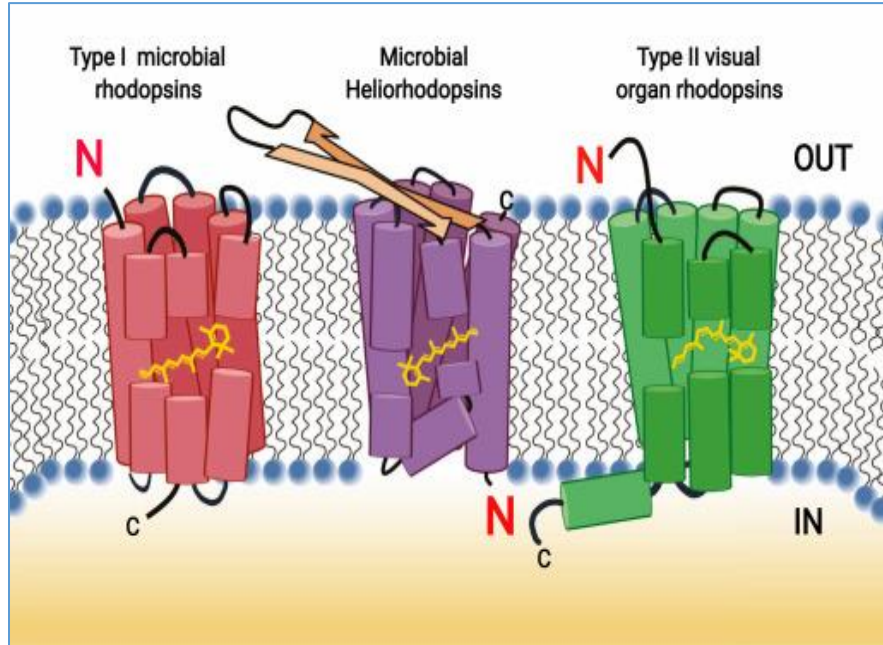


- ❖ The Scientists have confirmed the presence of a whale off New England that went extinct in the Atlantic Ocean two centuries ago.
- ❖ The gray whale was vanished from the Atlantic Ocean by the 18th century.
- ❖ But there have been five documented observations of the animal in Atlantic and Mediterranean waters in the last 15 years.
- ❖ According to the most recent estimates, there are believed to be about 14,000 gray whales, down from 27,000 in 2019.

Microalgae adaptation to warming

- ❖ The Microalgae, which form the base of the food chain in the ocean and capture carbon dioxide from the atmosphere, appear to rely on a unique strategy to cope with global warming.
- ❖ As the climate change reduces the availability of nutrients in the sea, marine microalgae or eukaryotic phytoplankton fire up a protein called rhodopsin.
- ❖ It is related to the protein in the human eye responsible for vision in dim light.
- ❖ This light-responsive protein is helping the microalgae flourish with the help of sunlight in place of traditional chlorophyll.

- ❖ They may absorb as much light as chlorophyll-based photosynthesis in the sea, which also captures light to generate energy and food.



PERSONALITIES, AWARDS, AND EVENTS

Miss World 2024



- ❖ Czech Republic's Krystyna Pyszkova won the Miss World 2024 title in Mumbai.
- ❖ Miss Lebanon Yasmina Zaytoun was named the first runner-up.

- ❖ Pyszkova is the second Miss World from Czech Republic after 2006 pageant winner Tatana Kucharova.
- ❖ India hosted the event after 28 years, was represented by 22-year-old Sini Shetty.
- ❖ India has won the prestigious title six times.

National Creators Award 2024



- ❖ Prime Minister has presented the first-ever National Creators Awards in New Delhi.
- ❖ This award celebrates the contributions of digital content creators who have brought about positive social change and innovation.
- ❖ Playback singer Maithili Thakur was announced the winner of 'Cultural Ambassador of The Year'.
- ❖ Some other winners: -
 - Gaurav Chaudhary - Best Creator in Tech Category
 - RJ Raunac (Bauaa) - Most Creative Creator-Male
 - Shraddha - Most Creative Creator-Female
 - Jahnavi Singh - Heritage Fashion Icon Award
 - Lakshay Dabas - Most Impactful Agri Creator
 - Keerthika Govindasamy - Best Storyteller

