

August - 04

TNPSC BITS

- ❖ The Tamil Nadu government appointed Bellie, of The Elephant Whisperers fame, as the first permanent woman elephant caretaker in the Theppakadu Elephant Camp, Nilgiri.
- ❖ The Justice G. Rohini-headed Commission for the sub-categorisation of Other Backward Classes (OBC) caste groups submitted its report after 6 years.
- ❖ Mangalore Refinery and Petrochemicals Ltd of ONGC become the single-largest PSU refinery (single location) in the nation for 2022-23.
- ❖ India has successfully extracted lithium from mineral concentration “in laboratory scale”.
- ❖ London-based Indian-origin author Chetna Maroo's debut novel 'Western Lane' is among 13 books took place in the 2023 Booker Prize longlist.

TAMIL NADU

‘Smart Classrooms’ in Radha Puram



- ❖ Chief Minister inaugurated 303 Smart Classrooms created at a cost of at ₹6.86 crore in Radhapuram, Tamilnadu.

- ❖ Radhapuram Assembly segment has become the first Legislative constituency in the entire country to get ‘Smart Classrooms’ in all government and government-aided schools.
- ❖ The Smart Classrooms, have been created in 297 government and government-aided primary, high and higher secondary schools and other institutions.

NATIONAL

FMR-FIR modality

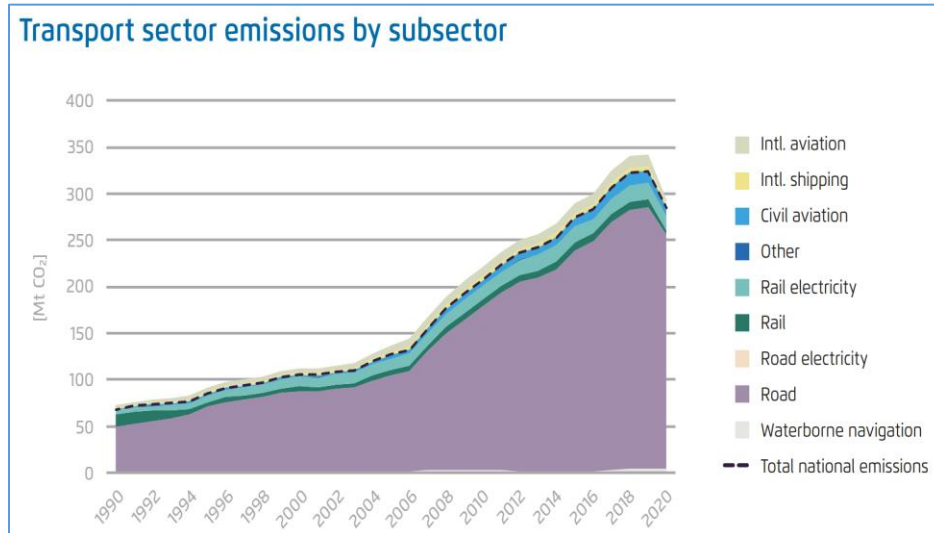


- ❖ UIDAI is engaging artificial intelligence-based technology to address fraud in the Aadhaar-enabled Payment System.
- ❖ The technology is called Finger Minutiae Record–Finger Image Record (FMR-FIR) modality.
- ❖ The Finger Minutiae Record–Finger Image Record (FMR-FIR) modality is an Artificial Intelligence and Machine Learning technology.
- ❖ It will check the liveness of a fingerprint to detect the use of cloned fingerprint during the authentication process.
- ❖ It is ensuring that only real fingerprints are used for verification.

“Towards Decarbonizing Transport 2023” report

- ❖ NITI Aayog released the “Towards Decarbonising Transport 2023” report.
- ❖ It aims to support global discussions on sustainable transport during India’s G20 presidency.
- ❖ Decarbonising Transport refers to the process of reducing or eliminating CO₂ and other greenhouse gas emissions from the transportation sector.

- ❖ The transport sector in India contributes to around 14-15% of the country's total greenhouse gas emissions in 2021.
- ❖ Within the transport sector, road transport contributes to more than 90% of the total CO₂ emissions.



ENVIRONMENT

2023 Plastic Overshoot Day Report

- ❖ Nearly 68,642,999 tonnes of additional plastic waste will end up in nature this year.
- ❖ India is among the 12 countries which are responsible for 52 per cent of the world's mismanaged plastic waste.
- ❖ The world's worst offender is Iceland, with annual consumption of 128.9 kg per person.
- ❖ This is 24.3 times higher than the yearly consumption per person of 5.3 kg in India.
- ❖ The global average consumption of plastic per person per year is 20.9 kg.
- ❖ 159 million tonnes of plastics (which can be used only for a short time) to be produced globally in 2023.
- ❖ 43 per cent of above (68.5 million tonnes) will end up causing pollution.
- ❖ Short-life plastics account for approximately 37 per cent of the total plastic commercialised annually.
- ❖ Three countries with the highest mismanaged waste — Mozambique (99.8 per cent), Nigeria (99.44 per cent) and Kenya (98.9 per cent).

- ❖ India ranks fourth in the MWI, with 98.55 per cent of generated waste being mismanaged.
- ❖ India has a cumulative capacity to process 14.2 million tonnes of plastic waste annually.



STATES

GI tags from Rajasthan and U.P

- ❖ Seven products from across India, including four from Rajasthan, were given the Geographical Indication (GI) tag.
- ❖ They are
 - Jalesar Dhatu Shilp - Uttar Pradesh
 - Goa Mankurad Mango - Goa
 - Goan Bebinca - Goa
 - Udaipur Koftgari Metal Craft - Rajasthan
 - Bikaner Kashidakari Craft - Rajasthan

- Jodhpur Bandhej Craft - Rajasthan
- Bikaner Usta Kala Craft - Rajasthan



SPORTS

Asian Champions Trophy 2023



- ❖ International Hockey Federation handed over the Pass the Ball Trophy to TN Chief Minister.
- ❖ The 7th edition of the men's Asian Champions Trophy hockey tournament is taking place in Chennai from August 3.
- ❖ It was instituted in 2011.

- ❖ This city holds the tournament after a gap of 15 years.
- ❖ India, South Korea, Malaysia, Japan, Pakistan and China's teams are participating.
- ❖ India and Pakistan have lifted the trophy three times each.
- ❖ While India emerged champions in 2011 and 2016, Pakistan won it in 2012 and 2013.

MISCELLANEOUS

UNESCO heritage danger list

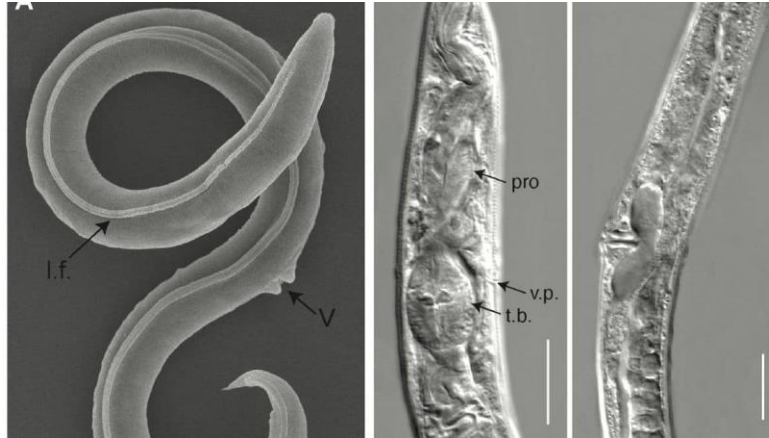
- ❖ Venice is one of the most romantic and beautiful Italian cities, might soon be under UNESCO's danger list.
- ❖ UNESCO's this recommendation calling on the Italian government to "ensure the utmost dedication".
- ❖ In November 2019, Venice was struggling with a severe flood situation.
- ❖ In February 2023, the city suffered a major drought situation.
- ❖ Meanwhile, the city is already battling over tourism.



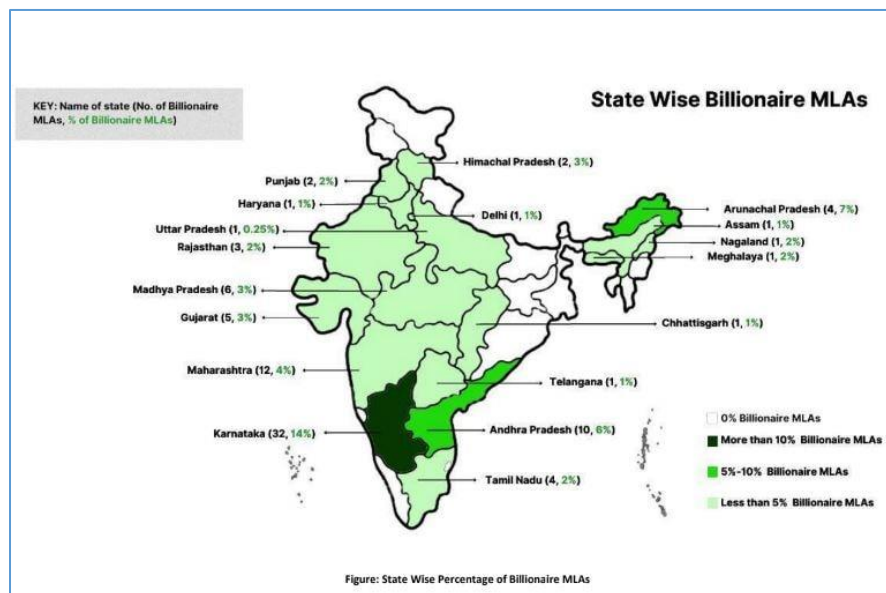
46,000-year-old worms

- ❖ Scientists discovered and reanimated two kinds of frozen microscopic nematodes or roundworms in Siberia five years ago.
- ❖ They were brought back to life from Siberian permafrost
- ❖ These worms were frozen since the late Pleistocene era between 45,839 and 47,769 years ago.
- ❖ One of them is an entirely new species that has never before been discovered.

- ❖ Many animals like nematodes, and more famously, tardigrades, can survive extreme conditions by entering a dormant state called “cryptobiosis”.



Most Billionaire MLAs



- ❖ Karnataka has the highest percentage of billionaire MLAs.
- ❖ It also emerged as the state with the highest average assets per MLA (223 MLAs).
- ❖ It is followed by Arunachal Pradesh, Andhra Pradesh, Maharashtra, Himachal Pradesh, Gujarat, and Madhya Pradesh.
- ❖ The MLAs in the state have average assets of Rs 64.39 crore.
- ❖ This is followed by Andhra Pradesh (174 MLAs) with average assets of Rs 28.24 crore and Maharashtra (284 MLAs) with average assets of Rs 23.51 crore.
- ❖ Tripura has the lowest average assets per MLA, with 59 MLAs having an average of Rs 1.54 crores.

- ❖ DK Shivakumar (INC) from Kanakapura, Karnataka 2023 topped in the list with total assets worth Rs1,413 crore.
- ❖ Nirmal Kumar Dhara (BJP) from Indus (SC), West Bengal 2021 is bottom in the list with total assets worth Rs 1,700.
- ❖ Congress has the most of billionaire MLAs (33 of 719 analysed MLAs, 5 percent).
- ❖ BJP followed with 24 of 1,356 MLAs (2 percent) have assets worth over Rs 100 crore.
- ❖ The average assets of an MLA from state assemblies in India are worth Rs 13.63 crore.
- ❖ Of 4,001 MLAs analysed, 1,777 legislators have been charged with various criminal cases.
- ❖ A total of 37 MLAs, out of a total of 70 (around 53%), in the Delhi have serious criminal cases against them.

