

May - 06

TNPSC BITS

- ❖ Coal Miners' Day is celebrated on May 4 to recognize the hard work of some of the great unsung heroes of the Industrial Revolution.
 - The day is celebrated to show appreciation for the coal miners and honour their accomplishments.

NATIONAL

PLI Scheme for the Food Processing Industry

- ❖ Ministry of Food Processing Industries has launched an online portal for 'Production Linked Incentive Scheme for Food Processing Industry' (PLISFPI).
- ❖ This Central Sector Scheme 'PLISFPI' will be implemented for the period from 2021-22 to 2026-27.
- ❖ It is a part of Prime Minister's announcement of Aatmanirbhar Bharat Abhiyan.
- ❖ It will support creation of global food manufacturing champions commensurate with India's natural resource endowment and support Indian brands of food products in the international markets.
- ❖ The scheme has two components,
 - It will provide sales based incentives for manufacturing of four major food product segments - Ready to Cook/ Eat (RTC/ RTE) foods, Processed Fruits & Vegetables, Marine Products, Mozzarella.
 - It will provide grants for undertaking Branding & Marketing activities abroad.

PRAYAAS Scheme

- ❖ The Employees' Provident Fund Organisation (EPFO) sent the pension payment orders to the retiring employees under the Employees' Pension Scheme, 1995 through the "PRAYAAS" initiative.
- ❖ PRAYAAS is initiative of the EPFO to disburse pension payment order on the very day of retirement/ superannuation.

SCIENCE AND TECHNOLOGY

First galaxy in Blow away state

- ❖ The astrophysicists from the Minnesota Institute for Astrophysics of USA have discovered the first blow away galaxy using the “Gemini Telescope”.
- ❖ The galaxy has been named as Pox 186.
- ❖ The Blow away state means that the hydrogen clouds have been removed.
- ❖ This allows light to escape.
- ❖ The Blow away state may be was caused by dying stars, supernovas.

Uranium-214

- ❖ The scientists have recently created lightest form of Uranium.
- ❖ It is called the Uranium-214.
- ❖ It was created at the Heavy Ion Research Facility in Lanzhou, China.
- ❖ The new isotope found also showed unique behaviours during its decay.
- ❖ This new finding will help scientists understand radioactive process called Alpha decay.

ENVIRONMENT

Crocidura Norcondamica

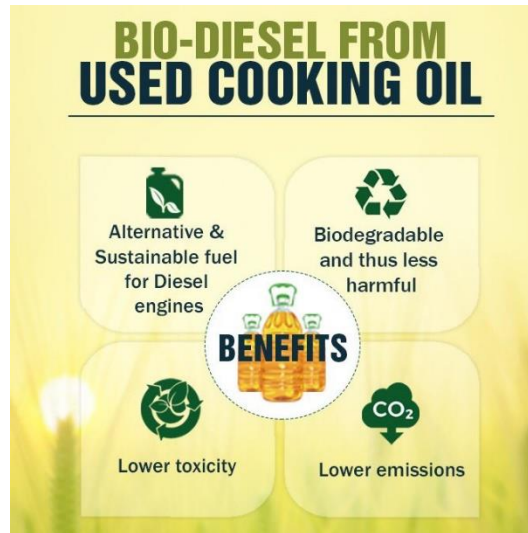


- ❖ A team from the Zoological Survey of India has discovered a new insect eating mammal species in the Norcondam Island at Andaman.
- ❖ The animal has been named Crocidura Norcondamica.
- ❖ It is almost the size of the house mouse.
- ❖ It lives in the forest floor and feed on insects.

- ❖ They help to control the insect population in the dense Narcondam forest.
- ❖ It belongs to Shrews family.
- ❖ Shrews are not rodents.

Cooking oil-based biodiesel

- ❖ The Union Minister of Petroleum Shri Dharmendra Pradhan flagged off the first supply of used cooking oil-based biodiesel.
- ❖ It was launched under the Expression of Interests Scheme.
- ❖ The scheme was launched in 2019.
- ❖ It was launched for the procurement of bio diesel produced from used cooking oil.
- ❖ It mainly aims to create a system for collection and conversion of Used Cooking Oil into biodiesel.
- ❖ To begin with 7% biodiesel extracted from the Used Cooking Oil is to be doped in diesel.



PERSONALITIES, AWARDS, AND EVENTS

Justice Prafulla Chandra Pant

- ❖ The National Human Rights Commission member, Justice (retired) Prafulla Chandra Pant had been appointed as the acting chairperson of the Commission with effect from April 25.
- ❖ A former Supreme Court judge, Justice Pant was appointed member of the NHRC on April 22, 2019.

- ❖ The post of a chairperson has been vacant since Justice H.L. Dattu.
- ❖ H.L. Dattu is a former Chief Justice of India who completed his tenure on December 2, 2020.

Chandro Tomar

- ❖ Shooter Chandro Tomar, nicknamed ‘Shooter Dadi’, passed away at the age of 89.
- ❖ Tomar was 60-plus when she picked up the gun for the first time but went on to win many national competitions for veterans.
- ❖ The Award-winning Bollywood movie ‘Saand ki Aankh’ is based on the lives of sharpshooters Chandro Tomar and Prakash Tomar.



SPORTS

World Snooker Champion



- ❖ In Snooker, English professional player Mark Selby has become the World Snooker Champion for the fourth time.

- ❖ He won the Championship title after defeating fellow mate Shaun Murphy at the Crucible Theatre in Sheffield, England.
- ❖ Prior to this, Selby won the Championship title in 2014, 2016, 2017.

IMPORTANT DAYS

World Asthma Day - May 04

- ❖ World Asthma Day is observed every year on the 1st Tuesday of May.
- ❖ This year, World Asthma Day is observed on May 4, 2021.
- ❖ The day spread awareness about asthma disease and care around the world.
- ❖ The theme for 2021 World Asthma Day is “Uncovering Asthma Misconceptions”.
- ❖ World Asthma Day is annually organized by the Global Initiative for Asthma (GINA).
- ❖ In 1998, the first World Asthma Day was celebrated in more than 35 countries in conjunction with the first World Asthma Meeting in Barcelona, Spain.



World Hand Hygiene Day - May 05



- ❖ The day is organised by the World Health Organization.

- ❖ The day is observed to raise awareness among people across the globe about the importance of hand hygiene in warding off many serious infections.
- ❖ The theme for 2021 is ‘Seconds Save Lives: Clean Your Hands’.

International Midwives day - May 05

- ❖ International Day of the Midwife is observed globally every year since 1992.
- ❖ This day is celebrated to recognise the work of midwives and raise awareness about the status of midwives for the essential care they provide to mothers and their newborns.
- ❖ The theme for 2021 International Day of the Midwife is “Follow the Data: Invest in Midwives.”
- ❖ The idea of having a day to recognize and honour midwives came out of the 1987 International Confederation of Midwives conference in the Netherlands.



MISCELLANEOUS

The SUTRA Model

- ❖ Scientists from the IITs of Kanpur and Hyderabad have applied the ‘Susceptible, Undetected, Tested (positive), and Removed Approach’ (SUTRA) model to predict the COVID graph in India.
- ❖ The model uses three main parameters to predict the course of the pandemic.
- ❖ The first is called beta, or contact rate, which measures how many people an infected person infects per day.
- ❖ It is related to the R0 value, which is the number of people an infected person spreads the virus to over the course of their infection.



- ❖ The second parameter is 'reach' which is a measure of the exposure level of the population to the pandemic.
- ❖ The third is 'epsilon' which is the ratio of detected and undetected cases.

