

## TNPSC – GROUP I/II/II-A CURRENT EVENTS – OCTOBER 2023

### 1. UNGALAI THEDI UNGAL OORIL SCHEME – NEW SCHEME ANNOUNCED

- a. This is next level of kalathil muthalvar thittam
- b. As per this scheme, District Collector should stay in a Taluk every month
  - I. To inspect the government offices
  - II. To address the grievances of the people
  - III. To ensure that all the schemes of the government reaches the people
- c. The scheme will be launched in December 2023

### 2. “MATHI” Sandhai

- a. Initiative of Tamil Nadu Corporation for Development of Women (TNCDW)
- b. To sell the products of SHG in online
- c. Under the brand name “MATHI”
- d. Mutram Monthly magazine is released by TNCDW

### 3. ISREAL VS HAMAS CONFLICT:

- a. Israel has declared war on Hamas after the Palestinian militant group carried out unprecedented attacks on Israeli territory
- b. Palestinian has two territories:  
**West Bank + Gaza Strip**
- c. These two territories ruled by  
**Two Groups : Hamas + Fatah**
- d. Hamas:
  - I. Palestinian political and militant organization
  - II. Currently governs the Gaza Strip
  - III. Aims for an Islamic state in historic Palestine, including Israel
  - IV. Employs armed resistance and suicide bombings
  - V. Considered a terrorist organization by many countries
- e. Fatah





- I. A secular nationalist movement
- II. Pursues a two-state solution, with a Palestinian state alongside Israel
- III. renounced violence
- IV. Governs the West Bank

#### **4. SC VERDICT ON SAME-SEX MARRIAGE**

- a. Supreme Court denied constitutional validity to same-sex marriages, as it is a statutory right but not a fundamental right.
- b. Therefore, it's a matter for Parliament and state legislatures to address through legislation
- c. Same-sex marriage, also known as gay marriage or LGBTQ+ marriage, is a legal union between two individuals of the same gender

#### **5. 10TH ANNIVERSARY OF BELT AND ROAD INITIATIVE (BRI)**

- a. A global infrastructure development strategy launched by China in 2013.
- b. Creating road, rail, and sea routes for trade and connectivity
- c. Often referred to as "One Belt One Road" (OBOR)
- d. a key part of China's foreign policy
- e. To be completed by 2049
- f. Includes two principal components: Silk Road Economic Belt + Maritime Silk Road.

#### **6. GI TAG**

- a. Udangudi Panangkarupatti, a type of palm jiggery received GI Tag
- b. From Thoothukudi, Tamil Nadu
- c. Palm jaggery is distinct due to the presence of red sand dune soil found in the Udangudi region
- d. Uses traditional preparation method
- e. Has high sucrose content in the palm sap

#### **7. Geographical Indication (GI) tag for 3 indigenous products from Arunachal Pradesh**

- a. Yak Churpi - Fermented milk product



- b. Khamti rice - Sticky rice contains insoluble fibre promoting beneficial gut bacteria.
- c. Tangsa textile - Product of the Tangsa tribe - known for their exotic designs and colours

#### **8. 2023 NOBEL PRIZE FOR LITERATURE**

- a. Given to Jon Olav Fosse
- b. Norwegian author
- c. For: innovative plays and prose that 'give voice to the unsayable aspects of the human experience'
- d. His Novels: Red Black, Melancholy I

#### **9. 2023 NOBEL PRIZE IN ECONOMICS**

- a. Given to Claudia Goldin
- b. For: The contributions to understanding women's labour market outcomes
- c. From the United State
- d. Awarded by Swedish central bank

#### **10. 2023 NOBEL PRIZE IN MEDICINE**

- a. Awarded to Katalin Karikó + Drew Weissman
- b. For: The research enabling the development of mRNA vaccines against COVID-19
- c. Katalin Kariko, from Hungary
- d. Drew Weissman, from the USA

#### **11. 2023 NOBEL PRIZE IN PHYSICS**

- a. Awarded to Pierre Agostini + Ferenc Krausz + Anne L'Huillier
- b. For: The groundbreaking experiments that have allowed scientists to generate attosecond pulses of light.
- c. Anne L'Huillier - France
- d. Pierre Agostini - France
- e. Ferenc Krausz – Hungary

#### **12.2023 NOBEL PRIZE IN CHEMISTRY**

- a. awarded for the discovery and synthesis of quantum dots



- b. Awarded to Dr Alexei I Ekimov + Dr Louis E Brus + Dr Mounji G Bawendi
- c. Louis Brus - USA
- d. Mounji Bawendi - France
- e. Dr Alexei I Ekimov – Russia

### 13.2023 NOBEL PRIZE FOR PEACE

- a. Awarded to Narges Mohammadi
- b. An Iranian human rights activist
- c. Awarded the 2023 Nobel Prize for Peace for her dedication to various causes.
- d. She advocates for women’s rights and civil disobedience against hijab in Iran
- e. Nobel committee has recognized her dedication to causes aligning with the protests’ motto ‘Zan – Zendegi – Azadi (Woman – Life – Freedom)’ in Iran

### 14. Indian National Space Promotion and Authorization Centre (IN-SPACe)

- a. Launched in 2020
- b. India’s single-window autonomous agency
- c. under the Department of Space
- d. Responsible for promoting and authorizing various space activities for non-governmental entities (NGEs)

### 15. INDIA’S 1ST DEAF LAWYER IN SUPREME COURT

- a. Sarah Sunny, a 27-year-old lawyer from Bengaluru
- b. Country’s first deaf lawyer to argue in the Supreme Court
- c. SC allowed a sign language interpreter to assist her during proceedings

### 16. 69TH NATIONAL FILM AWARDS

- a. Dadasaheb Phalke Award 2021- Waheeda Rehman
- b. Best Feature Film - **Rocketry: The Nambi Effect**- Director: R. Madhavan
- c. Best Actor - Pushpa: The Rise - Telugu - **Allu Arjun**
- d. Best Children's Film - **Gandhi & Co.**
- e. RRR – Received more Awards



- I. Best Popular Film Providing Wholesome Entertainment - RRR
  - II. Best Male Playback Singer - RRR - Kaala Bhairava ("Komuram Bheemudo")
  - III. Best Music Direction - RRR - M. M. Keeravani
  - IV. Best Special Effects - RRR - V. Srinivas Mohan
  - V. Best Choreography - RRR - Prem Rakshith ("Naatu Naatu")
  - VI. Best Stunt Choreographer - RRR - King Soloman
- f. Best Female Playback Singer - **Iravin Nizhal - Shreya Ghoshal** ("Mayava Chayava")
- g. Best Feature Film in Tamil - **Kadaiisi Vivasayi**
- h. Best Educational Film - **Sirpigalin Sirpangal**

### **17. BEST TOURISM VILLAGES IN 2023**

- a. Dhordo village in Gujarat has earned recognition
- b. From the United Nations World Tourism Organization (UNWTO)
- c. Located in the Great Rann of Kutch

### **18. TELE-MANAS**

- a. a mental health helpline in India
- b. Launched in October 2022
- c. Launched by the Ministry of Health & Family Welfare
- d. Aim - To enable people to seek support for their mental health issues while maintaining anonymity

### **19. GLOBAL HUNGER INDEX (GHI) 2023**

- a. India has been ranked 111th out of 125 countries
- b. Four indicators: under-nourishment + child stunting + child wasting + child mortality
- c. GHI is published by the Irish NGO Concern Worldwide and the German NGO Welthungerhilfe.

### **20. MERA YUVA BHARAT - MY Bharat**

- a. an autonomous body
- b. will benefit youth in the age group of 15-29 years



- c. Aim: To serve as a comprehensive platform for youth development

### **21. One Nation, One Student ID**

- a. 'APAAR' CARD - AUTOMATED PERMANENT ACADEMIC ACCOUNT REGISTRY
- b. Introduced by Union Education Ministry
- c. Known as 'One Nation, One Student ID,' referred to as APAAR ID
- d. Aligned with the National Education Policy (NEP) 2020.
- e. A digital identification system for students in India.
- f. The APAAR ID is an education ecosystem registry system known as 'EduLocker' for students across all states in India
- g. The unique 12-digit APAAR ID

### **22.PROJECT MARIANA**

- a. a collaborative effort involving the Bank for International Settlements (BIS) and the central banks of France, Singapore, and Switzerland
- b. The project focused on testing the cross-border trading and settlement of wholesale central bank
- c. Digital currencies (wCBDCs) among financial institutions, utilizing decentralized finance (DeFi) technology concepts on a public blockchain.

### **23.GREEN WAR ROOM**

- a. Delhi government has launched
- b. To combat air pollution in the city
- c. implementing the Winter Action Plan and monitoring pollution 24x7

### **24.NATIONAL TURMERIC BOARD**

- a. Established under the Union Commerce Ministry.
- b. India is the largest producer, consumer and exporter of turmeric in the world.
- c. Largest producing states of Turmeric are Maharashtra, Telangana, Karnataka and Tamil Nadu.
- d. India has more than 62% share of world trade in turmeric



- e. Turmeric contains a chemical called curcumin, which might reduce swelling. Curcumin also gives turmeric its yellow colour.

### **25. PUSA-44 PADDY VARIETY BANNED**

- a. PUSA-44 was developed in 1993
- b. Accounts 70 to 80 per cent of the state's paddy cultivation area due to its high yield.
- c. Reason for Banning:
  - 1. Extended Maturity Period
  - 2. Water Conservation
  - 3. Stubble Burning

### **26.KEN-BETWA LINK PROJECT (KBLP)**

- a. River interlinking project that aims to transfer surplus water from the Ken River in Madhya Pradesh (MP) to Betwa in Uttar Pradesh (UP).
- b. Aims to irrigate the drought-prone Bundelkhand region.
- c. The dam will be built within Panna Tiger Reserve and will generate 103 MW of hydroelectric power.

### **27. RECENT OPERATIONS BY INDIA - EVACUATION**

- a. "Operation Ajay" to evacuate its citizens from conflict-stricken Israel
- b. "Operation Kaveri" which brought back Indian citizens from Sudan earlier
- c. "Operation Dost" - Turkey-Syria earthquake in 2023
- d. "Operation Ganga" - Tensions between Russia and Ukraine in 2022

### **28.IRON DOME**

- a. mobile all-weather air defense system[
- b. designed to intercept and destroy short-range rockets and artillery shells fired from distances of 4 to 70 kilometres (2–43 mi)
- c. Designed to protect populated areas.

### **29. REGIONAL RAPID TRANSIT SYSTEM (RRTS)**

- a. India's first Regional Rapid Transit System (RRTS) in Ghaziabad, Uttar Pradesh

- b. India's first dedicated mass rapid transit system for regional connectivity called as Namo Bharat Train.
- c. RRTS is an integrated, mass transit network aimed at promoting balanced and sustainable urban development
- d. RRTS is a new rail-based, semi-high-speed, high-frequency commuter transit system with a design speed of 180 Kmph for better connectivity.
- e. Namo Bharat train is Made in India
- f. Covers longer distance with fewer stops and at higher speed.
- g. a state-of-the-art regional mobility solution
- h. It provides safe, reliable and modern intercity commuting solutions in the country.

### **30. GHOST PARTICLE**

- a. China is constructing the world's largest "ghost particle" detector
- b. a massive underwater telescope in the South China Sea
- c. Designed to detect neutrinos, which are often referred to as "ghost particles."
- d. The telescope, named as "Trident"

### **31. 19<sup>th</sup> ASIAN GAMES**

- a. Held in Hangzhou, China
- b. Total Medal = 107 (28 gold, 38 silver, and 41 bronze)
- c. India's highest medal tally – secured 4<sup>th</sup> place after china(383 medals), Japan (188 Medals) and South Korea (180 Medals)
- d. It hosted e-Sports
- e. Motto: Heart to heart, @ Future
- f. 20th Asian Games will be held in Japan in 2027.

### **32. 4<sup>TH</sup> ASIAN PARA GAMES**

- a. Known as Para Asiad
- b. a quadrennial multi-sport event
- c. Overseen by the Asian Paralympic Committee.
- d. provides a platform for athletes with physical disabilities to showcase their talent and compete at an elite level
- e. second-largest multi-sport event globally





- f. took place in Hangzhou, China, from October 22 to October 28, 2023
- g. About to be held in 2022 but postponed due to Covid 19
- h. Mascot: Fei Fei
- i. Slogan: Hearts meet, Dreams shine
- j. next games are scheduled to be held in Nagoya, Japan, between October 14 and October 22, 2026
- k. India in Asia Para Games 2022:
  - i. Won 111 medals (29 gold, 31 silver, and 51 bronze)
  - ii. Off this, 40 medals from female
  - iii. India finished fifth in the Asian Para Games 2023 behind hosts China, Iran, Japan, and the Republic of Korea.

### **33. GAGANYAAN TV-D1 TEST FLIGHT**

- a. On Oct 21, 2023
- b. Flight Test Vehicle Abort Mission 1 (TV-D1)
- c. Test platform for validation of Crew Escape System
- d. The mission will test the performance of the Crew Escape System on the crew module of the Gaganyaan mission.
- e. In-flight Abort Demonstration of Crew Escape System (CES)" at Mach number 1.2
- f. Objectives:
  - I. Flight demonstration and evaluation of Test Vehicle sub systems.
  - II. Flight demonstration and evaluation of Crew Escape System including various separation systems.
  - III. Crew Module characteristics & deceleration systems demonstration at higher altitude & its recovery.

### **34. MS SWAMINATHAN**

- a. Dr. Mankombu Sambasivan Swaminathan, or M.S. Swaminathan
- b. Father of the Green Revolution in India
- c. In 1982, he became Director General of the International Rice Research Institute in the Philippines – the first Asian to hold the post – and worked to promote participation of women farmers on rice cultivation.



- d. For his contributions, he was awarded the first World Food Prize in 1987.
- e. He set up the M.S. Swaminathan Research Foundation in Chennai in 1988 to provide a collaborative platform for global leaders, rural farmers to coordinate research on issues such as micro-level farming, ecotechnology.
- f. Chair of National Commission on Farmers
- g. Member of Rajya Sabha in 2017 - Presented a private member bill
- h. Award:
  - I. Ramon Magsaysay Award in 1971,
  - II. the Albert Einstein World Science Award in 1986,
  - III. UNEP Sasakawa Environment Prize in 1994,
  - IV. UNESCO Gandhi Gold Medal in 1999,
  - V. Indira Gandhi Prize for Peace, Disarmament, and Development in 1999,
  - VI. the Franklin D. Roosevelt Four Freedoms Award in 2000
  - VII. Shanti Swarup Bhatnagar Award,
- i. all three civilian awards-
  - I. Padma Shri in 1967,
  - II. Padma Bhushan in 1972, and
  - III. Padma Vibhushan in 1989
- j. The United Nations Environment Programme has called him "the Father of Economic Ecology"
- k. Swaminathan contributed basic research related to potato, wheat, and rice, in areas such as cytogenetics, ionizing radiation, and radiosensitivity.
- l. He coined the term "Evergreen Revolution" in 1990 to describe his vision of "productivity in perpetuity without associated ecological harm"
- m. He was the President and vice-president of the International Union for Conservation of Nature and World Wildlife Fund respectively

### **35. KANI TAMIL CONFERENCE**

- a. International Tamil Computing Conference 2024
- b. Tamil Virtual Academy will conduct the 'KaniTamil24' conference in the month of February 2024.



- c. It is scheduled to be held on 8,9,10th of February 2024 at Trade Centre, Nandambakkam, Chennai.
- d. Objectives:
  - I. To undertake research,
  - II. To develop new ideas, and
  - III. To identify young talents in emerging language technologies
- e. It is significant that after 25 years of 'TamilNet99' conference held in 1999
- f. The Tamil Virtual Academy was formed as an outcome of 'TamilNet99' conference.

### **36.TN GOVERNMENT HONOUR TO ORGAN DONORS**

- a. Tamil Nadu is leading the country in organ donation
- b. Tamil Nadu will accord state honour to deceased organ donors
- c. Announcement was made on State Organ Donation Day.
- d. September 23 (Hitendran Death)

### **37.SHE Toilet**

- a. A woman-friendly mobile toilet initiative
- b. Launched by Greater Chennai Corporation
- c. Launched under the Nirbhaya scheme
- d. To provide clean and safe restroom facilities for women in public places.
- e. It enhances the sanitation infrastructure in the city.
- f. It promotes the safety of women in public places

### **38.EXCAVATIONS SITES IN TAMIL NADU**

- a. Vaippar River Civilization - Veppakkottai (Virudhunagar Dist)
- b. Nambiyar River Civilization - Thulukkarpatti (Tirunelveli Dist)
- c. Vaigai River - Keezhadi – Cradle of Vaigai Civilization (Sivagangai Dist)
- d.

### **39.PROJECT NILGIRI TAHR**

- a. Launched on October 12, 2023
- b. India's first project
- c. state animal of Tamil Nadu



- d. Period of the Project: 2022-2027 (5 Years)
- e. known for 'gravity-defying skills' in climbing steep cliff
- f. These mountain goats are aptly called "Mountain Monarch".
- g. Aim:
  - I. To develop a better understanding of Nilgiri Tahr population, distribution and ecology,
  - II. Re-introduction of Nilgiri Tahr to their historic habitats,
  - III. Addressing proximate threat to Nilgiri Tahr,
  - IV. Increasing awareness among the public about the Nilgiri Tahr species,
  - V. Developing "Nilgiri Tahr" based eco-tourism activities at selected sites
  - VI. Develop educational material for school children
- h. Functions/Activities:
  - I. Bi-annual Synchronized surveys across the divisions
  - II. Tranquilization, collaring and monitoring of Tahr Individuals
  - III. Re-introduction and monitoring of Nilgiri Tahr
  - IV. Diagnosis and treatment for affected individuals
  - V. Field gear and training support to staff
  - VI. Shola Grassland restoration pilot in Upper Bhavani.
  - VII. Implementation of eco-tourism programmes
  - VIII. Communication and outreach.
- i. Endangered species endemic to the Western Ghats
- j. Southern India's only mountain ungulate
- k. The animals living in highly fragmented habitats in the Western Ghats in Tamil Nadu and Kerala, ranging between the Nilgiris in the north and the Kanniyakumari hills
- l. Eravikulam National Park in Kerala – Biggest Habitat
- m. Anamalai Tiger Reserve – Second biggest habitat
- n. Threats:
  - I. Nilgiri tahr habitats face threats in the form of the spread of invasive plants such as wattles, pines, and eucalyptus in the grasslands
  - II. hunting and poaching
  - III. Fragmentations of habitat
  - IV. Habitat loss
  - V. Livestock grazing



- VI. biotic pressure
- VII. adverse impact of climate change
- o. Adult males develop a light grey area on their backs, thus are called "saddlebacks"
- p. Lives at elevations from 1,200 to 2,600 m (3,900 to 8,500 ft)
- q. classified as a critically endangered species in the IUCN red list
- r. **7<sup>th</sup> October - Nilgiri Tahr day** - in honour of Dr.E.R.C.Davidar whose Birthday falls on this day. Dr. Davidar pioneered one of the first studies on Nilgiri Tahr in 1975

#### **40.NARI SHAKTI VANDAN ADHINIYAM**

- a. The Constitution (One Hundred and Twenty-Eighth Amendment) Bill, 2023
- b. Passed in Lok Sabha on 19 September, 2023
- c. Women's Reservation Bill (Nari Shakti Vandan Adhiniyam 2023)
- d. Rajya Sabha passed this bill in 2010
- e. Provides 33% of reservation of seats for women in Lok Sabha and state assembly
- f. Inserted Article 330A(Lok Sabha) and Article 332A (State Assembly)
- g. Also one third for Women within SC/ST
- h. Article 239AA - One third for women in NCT of Delhi Assembly
- i. Reservation for 15 years

#### **41.STATE ELECTION TO 5 STATES**

- a. Mizoram to vote on Nov. 7
- b. Madhya Pradesh on Nov. 17
- c. Chhattisgarh on Nov. 7 and 17 in two phases
- d. Rajasthan on Nov. 23
- e. Telangana on Nov. 30

#### **42.Pradhan Mantri Anusuchit Jaati Abhuyday Yojana (PM- AJAY)**

- a. Pradhan Mantri Anusuchit Jaati Abhuyday Yojana (PM- AJAY) is a merged scheme of 03 Centrally Sponsored Scheme namely
  - I. Pradhan Mantri Adarsh Gram Yojana (PMAGY),
  - II. Special Central Assistance to Scheduled Castes Sub Plan ( SCA to SCSP) and

### III. Babu Jagjivan Ram Chhatrawas Yojana(BJRCY)

#### b. Objectives:

- I. Reduce poverty of the SC communities
- II. Improve socio-economic developmental indicators
- III. Increase literacy and encourage enrolment of SCs in schools and higher educational institutions

## 43.SHRESHTA

- a. Providing seats for the meritorious SC boys and girls in the best private residential schools in the country.
- b. Every year, it is expected that about (3000) students would be selected for admission in Class 9 and Class 11 under the scheme.
- c. Objective:
  - I. To enhance the reach of the development initiative of the government.
  - II. To fill the gap in service-deprived Scheduled Castes (SCs) dominant areas in the sector of education by collaborating with voluntary organizations.
  - III. To provide an environment for socio-economic up-liftment and overall development of the Scheduled Castes (SCs).
  - IV. To provide access to high-quality education to bright Scheduled Caste (SC) students so that they can explore future opportunities.

## 44.PM VISHWAKARMA SCHEME

- a. Central Sector Scheme
- b. launched by Ministry of Micro, Small and Medium Enterprises
- c. Objectives:
  - I. To enable the recognition of artisans and craftspeople as Vishwakarma
  - II. To provide skill upgradation
  - III. To provide support for better and modern tools
  - IV. To provide the intended beneficiaries an easy access to collateral free credit
  - V. To provide incentives for digital transaction

VI. To provide a platform for brand promotion and market linkages

**45.INS Sagardhwani**

- a. an oceanographic research vessel of DRDO
- b. embarked on Sagar Maitri (SM) Mission-4
- c. Sagar Maitri is a novel initiative of DRDO
- d. focuses on establishing long-term collaboration with IOR countries in the field of 'Ocean Research and Development

**Miscellanies**

- 46.Tamil Nadu Anaithum Sathiyam museum for Differently abled persons. First of its kind in South India.
- 47.Investment Promotion Award 2023 received by TN Guidance Bureau - TN is South Asia's only recipient of UN award
- 48.**Mobile Muthamma** - UPI payment method to buy goods at ration shops in Tamil Nadu
- 49.**India's first deep water container transshipment** terminal Vizhinjam Port (set to be completed by 2024)
50. ISRO is establishing a **second spaceport in Kulasekarapattinam**, Tamil Nadu, dedicated to Small Satellite Launch Vehicles (SSLVs) developed by the private sector.
- 51.**Cricket game** is included in 2028 Los Angeles Olympic Games
- 52.**R21/MATRIX-M MALARIA VACCINE** - Jointly developed by the **University of Oxford and the Serum Institute of India** - World Health Organization (WHO) has recommended the use of the R21/Matrix-M malaria vaccine
- 53.Recently **Bihar** conducted Caste Census.
- 54.Recently Glacial Lake Outburst Flood (GLOF) occurred in **Sikkim**
- 55.**Zealandia** is an underwater continent located to the southeast of Australia. It was recognized as **Earth's eighth continent** in 2017
- 56.8 former Indian navy officers have been sentenced to death in **Qatar** on the charges of espionage
- 57.Apple's '**Mother Nature**' campaign is an environmental initiative launched by Apple, showcasing the company's commitment to sustainability and environmental responsibility
- 58.Kerala is launching a "**back to school**" program for 46 lakh women enrolled in the Kudumbashree poverty alleviation mission



59. TN Govt collaborating with **Muthuvan Tribe in Nilgiri Hills** to protect Nilgiri Tahr
60. The cashew industry in Goa recently received a Geographical Indication (GI) tag
61. Sir Syed's 125th birth anniversary
62. Lakshadweep Member of Parliament (MP) **Mohammed Faizal** has been disqualified from the Lok Sabha for the second time this year.
63. **Andhra Pradesh** government started introducing the New Guaranteed Pension Scheme (GPS)
64. The **Pink Bollworm (PBW)** is causing significant damage to cotton fields in northern **Rajasthan, Haryana, and South western Punjab**, with the infestation being more widespread and serious than before.
65. **UN conference in Bonn** have adopted a new global framework, aimed at reducing environmental risks associated with chemicals and waste, known as **Global Framework on Chemicals**
66. **Ruixiang Zhang**, an Assistant Professor at the University of California, Berkeley, USA will receive the **2023 SASTRA Ramanujan Prize** for his exceptional contributions to mathematics.
67. The Directorate of Revenue Intelligence (DRI) conducted a successful **operation called " Operation Kachchhap,"** to combat illegal wildlife trafficking
68. **NASA** has launched a spacecraft called '**Psyche**' on a six-year mission to study a unique metal-rich asteroid also named '**Psyche**' orbits the Sun between Mars and Jupiter.
69. The **Lao People's Democratic Republic (Lao PDR)** has successfully **eliminated lymphatic filariasis (LF)**, a mosquito-borne infectious disease, becoming the second country to achieve this in 2023 after Bangladesh.
70. The Central Bureau of Investigation (**CBI**) carried out a widespread **crackdown on cyber criminals** in India in an operation known as '**Operation Chakra-2.**'
71. **India's 1<sup>st</sup> IFFCO's Nano DAP (Liquid) plant** inaugurated in Kalol (Gandhinagar), Gujarat.
72. India's Karthikeyan Murali became the third Indian chess player to defeat World No 1 Magnus Carlsen in classical chess



### 73.LIST OF EXPANSIONS

- a. OPS - Old Pension Scheme
- b. NPS - New Pension Scheme
- c. GPS - Guaranteed Pension Scheme
- d. APAAR - Automated Permanent Academic Account Registry
- e. RRTS - Regional Rapid Transit System

### 74.TERMS

- a. **Care Economy:** It refers to the economic activities related to providing care and support services, often in healthcare, childcare, elderly care, and other areas aimed at improving people's well-being
- b. **Purple Economy:** The purple economy is an economic order that focuses on the sustainability of caring labour. It's an alternative vision that complements the green economy

Purple Economy = Education + Health Care + Women Empowerment + Supporting Disabled and elderly + Communication