

September - 14

TNPSC BITS

- ❖ Jabil Inc. and Rockwell Automation are set to invest ₹2,666 crore in industrial projects in Tiruchi and Kancheepuram districts of Tamil Nadu.
- ❖ The Tamil Nadu Pollution Control Board, as part of its Meendum Manjappai campaign, is hosting a 'Bag-Athon' challenge aimed at creating innovative and cost-effective cloth bags to replace single-use plastic carry bags.
- ❖ T. Vellaiyan, founder of the Tamil Nadu Vanigar Sangagalin Peravai (Federation of Traders' Unions) passed away recently.
- ❖ Eminent English professor K. Chellappan, who won the Sahitya Akademi award for his translation of Rabindranath Tagore's Gora into Tamil, passed away recently.
- ❖ Amit Shah was re-elected as the Chairperson of Parliamentary Committee on Official Language.
- ❖ Veteran sports administrator Randhir Singh was unanimously elected president of the Olympic Council of Asia (OCA).
- ❖ India became the second-biggest 5G handset market during the first half of 2024, overtaking the US.
- ❖ The 20th edition of India-USA Joint Military Exercise YUDH ABHYAS-2024 has commenced at Rajasthan.
- ❖ President Emmanuel Macron has named EU Brexit negotiator Michel Barnier as France's new prime minister after more than 50 days of caretaker government.

NATIONAL

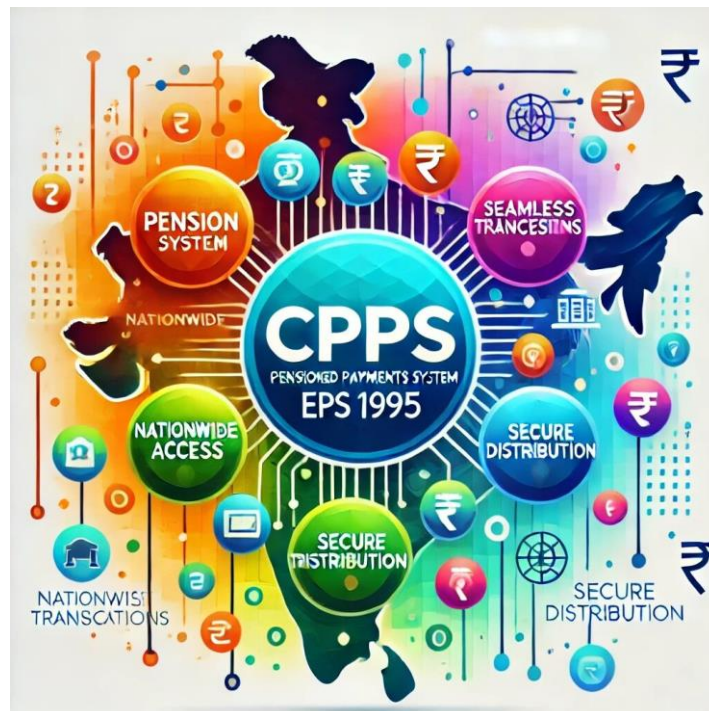
Supreme Court on Judges' Elevation 2024

- ❖ The Supreme Court (SC) has ruled that a High Court (HC) Chief Justice cannot individually reconsider a recommendation for a judge's elevation.
- ❖ This can only be done by the High Court Collegium acting collectively.
- ❖ The High Court collegium has the chief justice of the High court with two other senior most judges.
- ❖ The high court collegium only sends the recommendation to the Supreme Court collegium on judicial appointments.
- ❖ The final decisions are taken by a collegium of the CJI and two seniors most judges of the SC.

- ❖ This collegium of the three senior-most SC judges also decides transfers of HC judges in the country.

<ul style="list-style-type: none"> • What is Collegium System? It is a system of transfer and appointment of judges that has evolved through judgments of the Apex court. 	<ul style="list-style-type: none"> • Appointment of CJI Step 1: The senior most just of SC is considered to hold the office. Step 2: Recommendation of Outgoing CJI is considered Step 3: The Union Minister of Law sends the recommendation to the PM who advises President to matter of appointment.
<ul style="list-style-type: none"> • When was it Introduced? Introduced in 1993 – The Second Judges Case. Formed in the consultation with the 2 senior-most judges in the SC. 	<ul style="list-style-type: none"> • Transfer of Judges • In the matter of Transfer – the opinion of the CJI is deemed “determinative”. • The consent of other is judges is not required • There can be acting CJ in High court for not more than a month
<ul style="list-style-type: none"> • How many Judges are comprised? In 1998 – Supreme Court expanded the Collegium into 5 member body. • Supreme Court Collegium headed by CJI & 4 other senior most judges of Apex Court • High Court Collegium Chief Justice & 4 other Senior most judges of that court 	

Centralized Pension Payment System



- ❖ The Union Labour Ministry has cleared a proposal for the Centralised Pension Payment System (CPPS).
- ❖ It is applicable for about 78 lakh pensioners under the Employees’ Pension Scheme, 1995.

- ❖ The new system enables pension disbursement through any bank, any branch across the country.
- ❖ This facility will be launched as part of EPFO's ongoing IT modernisation project Centralised IT Enabled System (CITES 2.01) from January 1, 2025.

Changes in NSS Schemes



- ❖ The Department of Economic Affairs has introduced new guidelines for the regularisation of irregularly opened savings accounts under the National Small Savings Schemes (NSS) through Post Offices.
- ❖ For NSS-87 Accounts, opened before April 2, 1990, first account will earn the current scheme rate and the second will earn the current Post Office Savings Account (POSA) rate plus 2 per cent of the balance.
- ❖ Beginning October 1, 2024, both accounts will receive zero per cent interest.
- ❖ Accounts opened after April 2, 1990, the first account will earn the current scheme rate and the second will earn the current POSA rate.
- ❖ Beginning October 1, both accounts will receive zero per cent interest.
- ❖ If someone has more than two accounts, no interest will be paid; however, the principal amount will be returned.
- ❖ POSA interest will be paid until the minor turns 18. Afterward, the applicable interest rate will be applied.
- ❖ Maturity will be calculated from the minor's 18th birthday.

- ❖ If one has more Than One PPF Account, the primary account will earn the scheme rate if deposits are within the annual limit.
- ❖ The balance from any secondary accounts will be merged into the primary account.
- ❖ Excess amounts will be refunded with 0% interest.
- ❖ Active NRIs with PPF accounts that did not require residency details will earn POSA interest until September 30, 2024.
- ❖ Post this date, the interest will be 0%.
- ❖ Sukanya Samriddhi Accounts opened by grandparents (not legal guardians) must transfer guardianship to a legal guardian or natural parents.
- ❖ If more than two accounts are opened in violation of the scheme guidelines, the extra accounts will be closed.

New Flag and Insignia of Supreme Court

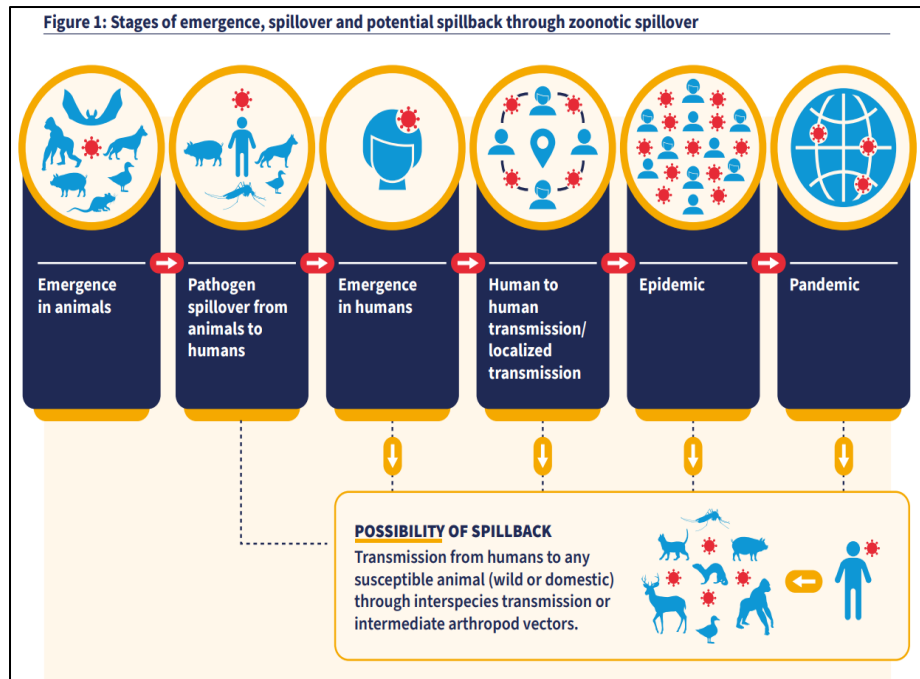


- ❖ President Droupadi Murmu unveiled the new flag and insignia of the Supreme Court of India.
- ❖ This event is commemorating the 75th anniversary of the Supreme Court's establishment.
- ❖ The new flag is blue and prominently features the Ashoka Chakra, the Supreme Court building, and the Constitution of India.

- ❖ The insignia includes the phrase "Yato Dharmastato Jayah" inscribed in the Devanagari script.
- ❖ It translates to "Where there is Dharma, there is victory".
- ❖ The new flag and insignia were conceptualized and designed by the National Institute of Fashion Technology (NIFT) Delhi.

INTERNATIONAL

Global Framework for Pathogen Origins



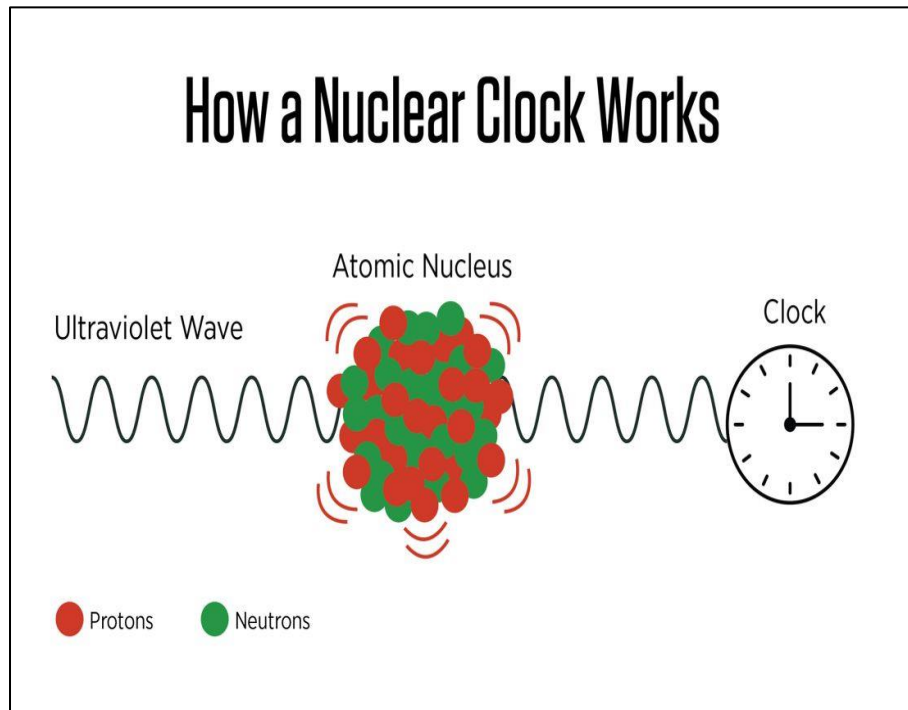
- ❖ The World Health Organization (WHO) has introduced a new global framework.
- ❖ It is aimed at streamlining the investigation of the origins of novel and re-emerging pathogens with the potential to cause epidemics or pandemics.
- ❖ It outlines six technical elements that provide guidance for the investigations, including early epidemiological studies, research into human disease patterns, and laboratory safety protocols.

SCIENCE AND TECHNOLOGY

World's First Nuclear Clock

- ❖ The scientists develop the first prototype of the nuclear clock, which is much more advanced than the atomic clocks we currently rely on.

- ❖ Current atomic clocks measure time with exceptional precision, losing only seconds across billions of years.
- ❖ Atomic clocks measure time based on electrons jumping between energy levels in atoms.
- ❖ But the nuclear clock focuses just on the nucleus.
- ❖ Atom is 100,000 times bigger than its nucleus.
- ❖ The nuclear clock's energy level is closely coupled to strong forces in the nucleus.
- ❖ The atomic clocks mainly depend on electromagnetic forces.



ENVIRONMENT

New 'Dancing Girls' Ginger Species

- ❖ Scientists recorded six new species in the genus *Globba* belonging to the ginger (*Zingiberaceae*) family from the Eastern Himalayas and two northeastern States.
- ❖ The common name for this genus is dancing girl or dancing lady ginger.
- ❖ These species are *Globba corniculata*, *Globba paschimbengalensis*, *Globba polymorpha*, *Globba tyrnaensis*, *Globba janakiae*, and *Globba yadaviana*.
- ❖ The first three were recorded from West Bengal's Darjeeling district, the next two from Meghalaya, and the last from Mizoram.

- ❖ Zingiberaceae is the largest family within the order Zingiberales comprising at least 114 genera and 4,022 species.



REPORTS AND INDICES

2024 State of Global Air Report



- ❖ The State of Global Air 2024 report published by the US-based Health Effects Institute (HEI).
- ❖ Air pollution accounted for 8.1 million deaths globally in 2021.
- ❖ It is becoming second leading risk factor for death, including for children under five years.

- ❖ China (2.3 million deaths) and India (2.1 million deaths) shared 55% of the world's fatalities from air pollution in 2021.
- ❖ Every day, 464 children under the age of five die because of air pollution in India.
- ❖ 99% of the world's population lives in places with unhealthy levels of PM2.5 pollution.
- ❖ PM2.5 particles are tiny bits of pollution that can be found in the air.
- ❖ More than 90% of deaths related to air pollution are linked to these PM2.5 particles.

IMPORTANT DAYS

World Suicide Prevention Day 2024 - September 10

- ❖ This day was first established in 2003.
- ❖ It aims to spread awareness about suicide prevention, reduce stigma and help people.
- ❖ The International Association for Suicide Prevention (IASP) organised this day along with WHO.
- ❖ The theme for 2024-2026 is "Changing the Narrative on Suicide".
- ❖ Over 7,00,000 people commit suicide every year across the world.
- ❖ It is the third leading cause of death among 15-29-year-olds globally.

