

November - 27

## TNPSC BITS

- ❖ India's Pankaj Advani has lifted his 26<sup>th</sup> world title as he won the World IBSF Billiards Championship 2023 in Doha, Qatar.
- ❖ Comptroller and Auditor General of India (CAG) Girish Chandra Murmu has been elected as the Vice-Chair of the UN Panel of Auditors for the next year.
- ❖ The Ministry of Ayush launched the 'Ayurveda Gyan Naipunya Initiative' (AGNI) to Promote Innovations by Ayurveda Practitioners.
- ❖ India has launched a five-day Millets Festival in the Indonesian capital Jakarta to raise awareness for millets as a farmer-friendly and sustainable food choice.
- ❖ India and Australia will take part in the second edition of Joint Military Exercise AUSTRALIND-23 at Perth, Australia.

## TAMIL NADU

### India's first 'Net Zero Carbon' rating system



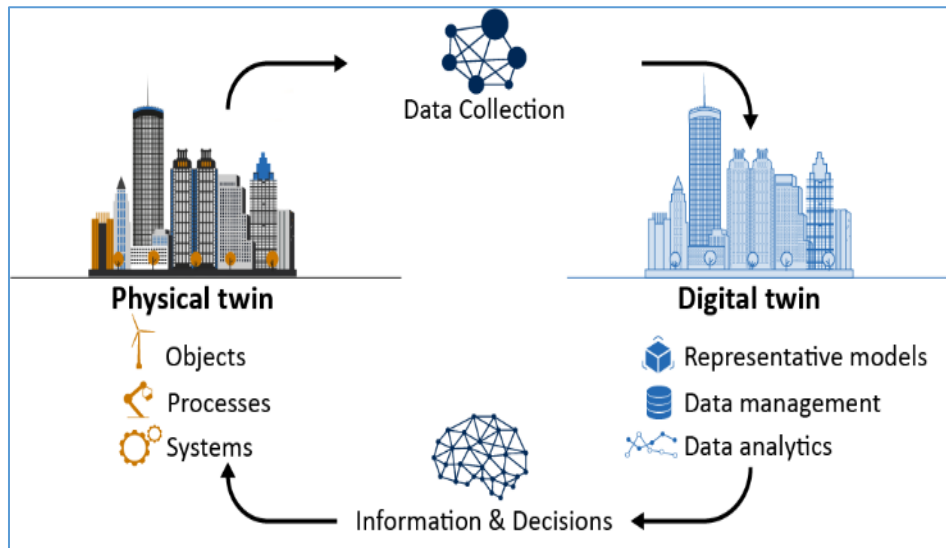
- ❖ Tamil Nadu plans to achieve Net Zero [emission] at least a decade ahead of 2070.
- ❖ The 21<sup>st</sup> Green Building Congress 2023 event was organised by the Confederation of Indian Industry's (CII) in Chennai.

- ❖ In an effort to achieve the Net-Zero Carbon Emission goal, the Indian Green Building Council announced India's first 'Net Zero Carbon' rating system in the event.

## SCIENCE AND TECHNOLOGY

### Digital Twins

- ❖ The Survey of India has signed an agreement with a Mumbai-based company, Genesys International, to prepare three-dimensional maps of several cities and towns.
- ❖ This is known as 'Digital Twins,' and it is a first-of-its-kind initiative.
- ❖ These maps are three-dimensional representations of cities and when coupled with high-resolution images, can be used in a variety of planning applications.
- ❖ So far, the company has built digital twins of Ayodhya, the Dharavi slum cluster in Mumbai, Kochi and Kanpur among other applications.



## ENVIRONMENT

### Nugu Wildlife Sanctuary

- ❖ The National Tiger Conservation Authority (NTCA) has recommended to the authorities that the Nugu Wildlife Sanctuary adjoining the Bandipur Tiger Reserve be declared as a core critical tiger habitat.
- ❖ It is situated north of Bandipur National Park in Mysore District.
- ❖ In 1974, Nugu was declared as Wildlife Sanctuary.

- ❖ In 2003-2004, the area of Nugu Wildlife Sanctuary was added to the Nilgiri Biosphere Reserve.



### **New 'Music Frog' Species**



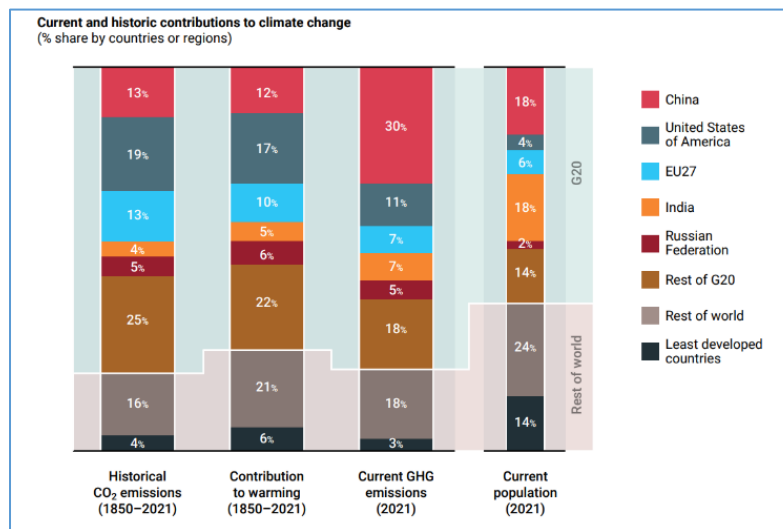
- ❖ Scientists have discovered a new species of 'music frog' in Arunachal Pradesh.
- ❖ The speciality of this new species of frog, *Nidirana noadihing*, is that both the male and female are vocal.
- ❖ This newly discovered frog has a unique call pattern consisting of two-three notes.

- ❖ The new species was named after the Noa-Dihing River, which is near where the specimens were discovered and collected.

## REPORTS AND INDICES

### 14th Emissions Gap Report 2023

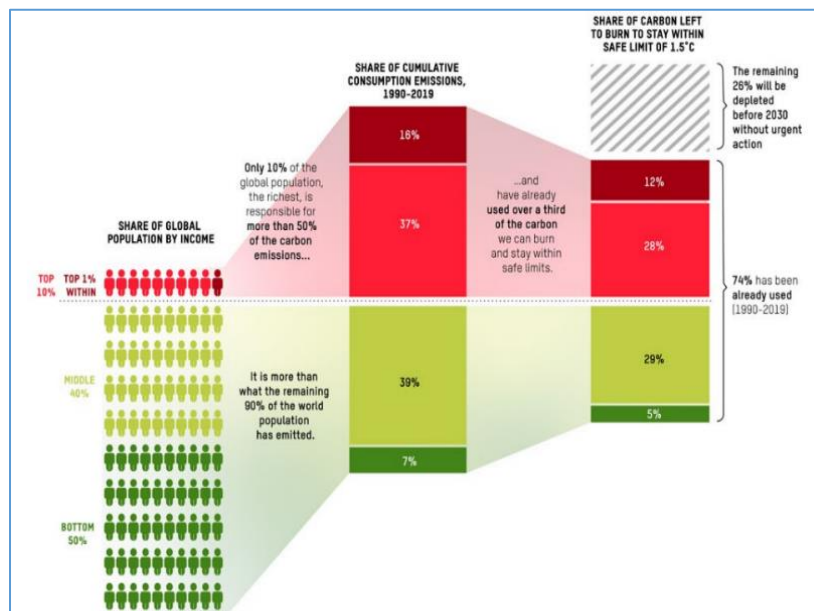
- ❖ Recently, the UNEP has released a report titled ‘the Emissions Gap Report 2023: Broken Record – Temperatures hit new highs, yet world fails to cut emissions (again)’.
- ❖ There is only a 14 per cent chance of limiting global warming to 1.5 degrees Celsius over pre-industrial levels.
- ❖ The global top 10 per cent income bracket generates a staggering 45-49 per cent of total emissions, while the bottom 50 per cent contributes a mere 7-13 per cent.
- ❖ To limit warming to 1.5-2°C, substantial emission cuts of 28-42% by 2030 are necessary.
- ❖ G20 countries currently accounts for 76% of global emissions.
- ❖ In 2022, energy supply was the largest source of emissions at 20.9 GtCO<sub>2</sub>e (36% of the total).
- ❖ September 2023 was the hottest September ever recorded.
- ❖ In 2022, global emissions peaked at 57.4 gigatonnes of carbon dioxide equivalent.



### Oxfam report 2023

- ❖ The Oxfam report titled, ‘Climate Equality: A Planet for the 99%’ is based on research with the Stockholm Environment Institute (SEI).

- ❖ The carbon emission of the world's super-rich 1% is equivalent to two-thirds or five billion people of the global population.
- ❖ The carbon emissions by the richest of individuals, 77 million globally, surged to 16% of total CO2 emissions globally in 2019.
- ❖ The outsized emissions by the rich people are enough to cause 1.3 million deaths due to heat.
- ❖ 60% tax on the incomes of the richest 1% population would help in cutting emissions by more than the total emissions in the United Kingdom.
- ❖ Additionally, raising \$6.4 trillion a year to pay for the transition away from fossil fuels to renewable sources of energy will contribute to this goal as well.
- ❖ It would take about 1,500 years for someone in the bottom 99 per cent to produce as much carbon as the richest billionaires do in a year.



## STATES

### State fish of Gujarat

- ❖ Ghol fish was declared the state fish of Gujarat by Chief Minister during a two-day Global Fisheries Conference India 2023 in Ahmedabad.
- ❖ Ghol fish is one of the largest fish found in India.
- ❖ The fish is found in the marine areas of Gujarat and Maharashtra in a golden-brown colour.
- ❖ The fish is valuable and is in demand because of its meat and air bladder.

- ❖ Ghol fish is used to make beer and wine and its air bladder is used in pharmaceuticals.



## **PERSONALITIES, AWARDS, AND EVENTS**

### **51<sup>st</sup> International Emmy award**




- ❖ India's comedian Vir Das won the International Emmy for Comedy.
- ❖ He became the first comedian from the country to win the International Emmy Awards for his Netflix stand-up show.
- ❖ He shared the trophy with popular British teen sitcom 'Derry Girls' Season 3.

- ❖ Acclaimed producer Ekta Kapoor was honoured with the International Emmy Directorate Award.
- ❖ This is awarded for her ‘trailblazing career and impact on the Indian television landscape’.

## Justice Fathima Beevi

### LIFE THROUGH THE YEARS

<ul style="list-style-type: none"> <li>● April 30, 1927: Born in P'Thitta to Annaveettil Meera Sahib and Khadeeja Beevi</li> <li>● 1950: Graduated from Government Law College, Thiruvananthapuram, becoming the first woman in the state to secure a law degree</li> <li>● Topped Bar Council exam</li> <li>● Enrolled in Bar Council</li> <li>● 1958: Served as Munsiff in the Kerala Subordinate Judicial Services</li> <li>● 1968: Appointed subordinate judge in Kerala</li> <li>● 1972: Appointed chief judicial magistrate</li> <li>● 1974: Appointed district &amp; sessions judge</li> <li>● 1980: Served as judicial member of the Income Tax Appellate Tribunal</li> </ul>	<ul style="list-style-type: none"> <li>● 1983: Elevated to the High Court as a judge</li> <li>● 1984: Becomes a permanent judge at the High Court</li> </ul> <div style="text-align: center; margin: 10px 0;">  </div> <ul style="list-style-type: none"> <li>● 1989: Retires from High Court</li> <li>● 1989: Appointed judge in the Supreme Court, becoming the first Muslim woman judge in</li> </ul>	<ul style="list-style-type: none"> <li>any higher judiciary</li> <li>● 1992: Retires from top court</li> <li>● 1993-1997: Serves as a member of the National Human Rights Commission</li> <li>● 1997: Assumes role of Tamil Nadu governor</li> <li>Rejects mercy petitions of four accused in the Rajiv Gandhi assassination case</li> <li>Administered oath of office and secrecy to former TN CM J Jayalalitha swiftly after the AIADMK secured a majority in the Assembly elections in May 2001, a move that stirred controversy</li> <li>● 2001: Resigns from governor's post</li> <li>● November 23, 2023: Breathes her last at Travancore Medicity Hospital, Kollam</li> </ul>
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- ❖ Justice M. Fathima Beevi, the first woman judges to be appointed to the Supreme Court of India, passed away recently.
- ❖ She was also the first Muslim woman judge to be appointed to any higher judiciary.
- ❖ She becoming the first woman to receive a Bar Council gold medal.
- ❖ SC since its inception, and in over 71 years, had appointed only 11 lady judges, starting from M Fathima Beevi in 1989.
- ❖ Upon her retirement, she first served as a member of the National Human Rights Commission.
- ❖ Later in 1997, she was appointed as the Governor of Tamil Nadu.
- ❖ She became the first Muslim woman to hold the governor's office and Tamil Nadu's first and only female governor.



- ❖ She resigned from the post of Governor of Tamil Nadu after rejecting the mercy petitions filed by four condemned prisoners in the Rajiv Gandhi assassination case.

## SPORTS

### Stop Clock to Regulate Pace of Play

- ❖ The ICC board has introduced a stop-clock system to prevent teams from wasting time.
- ❖ Under this regulation, this will come into effect from December 1 and continue till April 2024.
- ❖ The clock will be used to regulate the amount of time taken between overs.
- ❖ Once an over is finished, the fielding team will have to be ready within 60 seconds to bowl the next over.
- ❖ A five-run penalty will be imposed the third time it failed to do so in an innings.

The infographic is set against a light yellow background and contains two columns of text. The left column features a large red number '60' followed by the text 'seconds bowling side will get to start a new over.' The right column features a large blue number '5' followed by the text 'penalty runs will be imposed if the third time it happens during an innings.'

