

April - 07

TNPSC BITS

- ❖ Maharashtra's Metro Nagpur was honoured with the prestigious Asia Book of Records certification for three different categories.
- ❖ The two-day G20 Research and Innovation Initiative Gathering (RIIG) Conference, held in Dibrugarh, Assam.
 - It discussed the ways towards building a sustainable and circular bio-economy.
- ❖ The first meeting of the G20 Chief Science Advisers Roundtable (G20-CSAR) held in Ramnagar, Uttarakhand.
 - This was the first time that chief science advisers of different countries gathered for a roundtable conference at the G20 platform.
- ❖ Aliya Mir, a prominent sociologist, has been awarded the wildlife conservation award by the Union Territory of Jammu and Kashmir for her exceptional efforts in conservation.
 - She is the first woman from Jammu and Kashmir to work for Wildlife SOS, and first woman to receive this honour in the region.
- ❖ The Foundation of SAARC Writers and Literature (FOSWAL) conferred a special literary award on Bangabandhu Sheikh Mujibur Rahman.
 - The award has been conferred for his trilogy - The Unfinished Memoirs, The Prison Diaries and the New China 1952.

TAMIL NADU

Road map for \$1-trillion economy

- ❖ The State government has selected Boston Consulting Group to “develop an overall strategy and road map for Tamil Nadu to realise the vision of \$1-trillion economy”.
- ❖ Tamil Nadu is the second largest State economy in the country and has the third highest GDP per capita.
- ❖ It is the most urbanised and industrialised State, with a strong manufacturing base and a large services sector.
- ❖ Tamil Nadu is also the third largest exporting State, accounting for over 9% of India's exports.

- ❖ Its export industry is also significant, as it accounts for over 9% of India's total exports, making it the third largest exporting State.
- ❖ Tamil Nadu ranks second in India for computer, electronics, and optical products manufacturing accounting for 18 percent of national production.
- ❖ It ranks fourth in terms of electronic exports, which were worth 2.2 billion dollars in 2021-22.

Deliverables	Timeline
Inception report	4 weeks
Report 1 ■ Economic baseline for T.N.	8 weeks
Report 2 ■ Macro-economic SGVA model ■ Summary of stakeholder discussions ■ Benchmarks of economic growth of countries, regions	14 weeks
Report 3 ■ Economic development strategy ■ Quantification of climate impact and sustainable strategy	20 weeks
Report 4 ■ Key requirements/enablers to realise the target ■ Overall strategy outline	24 weeks

NATIONAL

Labour20 engagement group's inception meet



- ❖ Two-day Labour20 (L20) engagement group's inception meeting, as part of India's G20 presidency, held in Amritsar, Punjab.
- ❖ It adopted two joint statements as the final outcome of the two-day deliberations.

- ❖ The first One is calling for resolving the question of portability of social security among G20 nations as a first step towards universalisation of social security.
- ❖ The second one is for plugging the gender gap in the global work force.

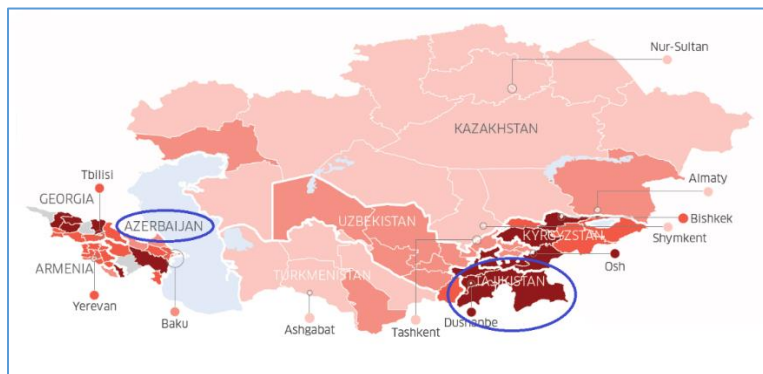
CBI's Diamond Jubilee celebrations

- ❖ The CBI is celebrating its 60th anniversary on April 1.
- ❖ To marking the Diamond Jubilee Celebration year of CBI, a Postage Stamp and Commemorative Coin were released.
- ❖ CBI was established by a resolution of the Union Ministry of Home Affairs dated April 1, 1963.
- ❖ The CBI is not a statutory body.
- ❖ It derives its power to investigate from the Delhi Special Police Establishment Act, 1946.
- ❖ The establishment of the CBI was recommended by the Santhanam Committee on Prevention of Corruption (1962–1964).



INTERNATIONAL

Azerbaijan and Tajikistan as malaria-free



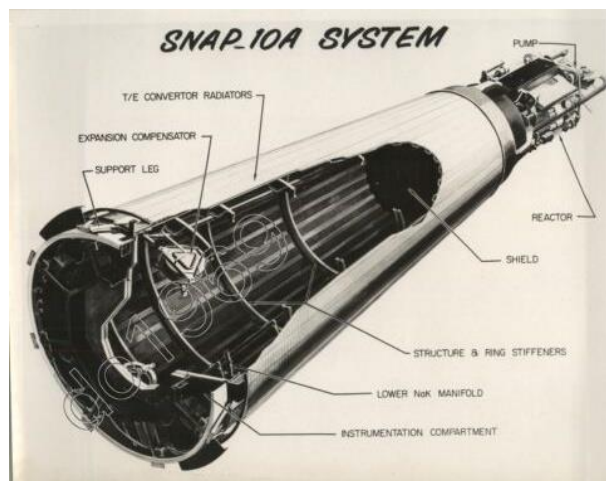
- ❖ The World Health Organization (WHO) has certified Azerbaijan and Tajikistan as malaria-free.

- ❖ The certification follows a sustained, century-long effort to stamp out the disease by the two countries.
- ❖ Certification of malaria elimination is the official recognition by WHO of a country's malaria-free status.
- ❖ For this status, the chain of indigenous malaria transmission by Anopheles mosquitoes has been interrupted nationwide for at least the past three consecutive years.
- ❖ Azerbaijan detected its last case of locally transmitted Plasmodium vivax (P.vivax) malaria in 2012 and Tajikistan in 2014.
- ❖ With this announcement, a total of 41 countries and 1 territory have been certified as malaria-free by WHO.
- ❖ It includes 21 countries only from the European Region.

SCIENCE AND TECHNOLOGY

SNAP-10A

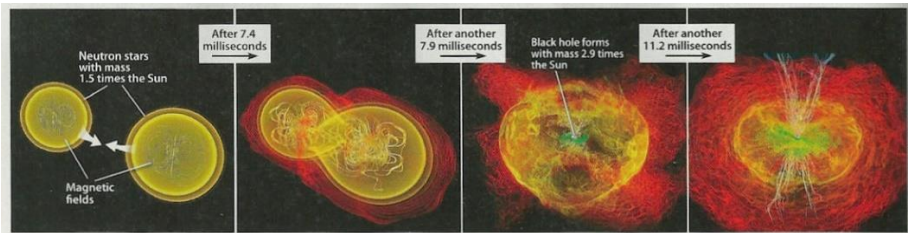
- ❖ The SNAP-10A was launched on April 3, 1965 on an Atlas-Agena D rocket.
- ❖ SNAP-10A was the world's first operational nuclear reactor in space.
- ❖ The objective of this was to produce at least 500 watts of electricity for a year or longer.
- ❖ It was operational for just 43 days. but, still remains in orbit



Source of Fast Radio Bursts

- ❖ For years, astronomers have been confounded by a special kind of radio signal—fast radio bursts and its source.

- ❖ But now, scientists may have found what causes them- neutron stars collapsing into black holes.
- ❖ Fast radio bursts are intense but short radio signals that last for milliseconds.
- ❖ Recently, astronomers studied two neutron stars colliding and turning into a black hole, generating a burst of gravitational waves.
- ❖ After this event, it seems to have produced a fast radio burst.
- ❖ So, the merging of two such neutron stars may have caused the strange radio waves.
- ❖ But it can only truly apply to the fast radio burst - FRB 20190520B.



ENVIRONMENT

Fernarium in National Park

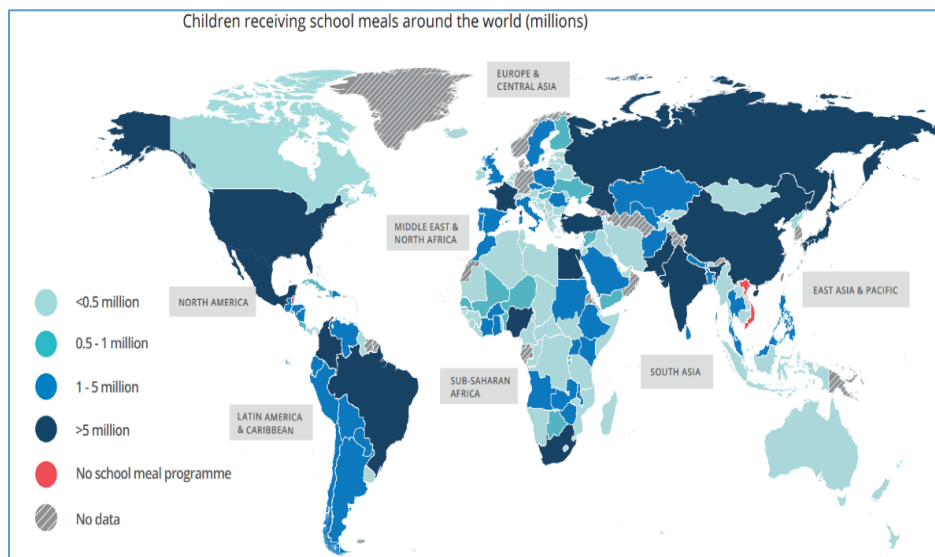


- ❖ Eravikulam National Park (ENP) in Kerala has a Fernarium set up inside the park.
- ❖ This is the first time such a fern collection has been established in the hill station.

- ❖ Out of 104 available varieties, 52 varieties of ferns have already been planted in the new Fernarium.
- ❖ Ferns are part of the Epiphytic family.
- ❖ They grow naturally in a soilless condition.
- ❖ The plants obtain water and nutrients through leaching from trees.
- ❖ ENP is the natural habitat of Nilgiri Tahr in Munnar.

REPORTS AND INDICES

The State of School Feeding Worldwide 2022



- ❖ The reach of school meals in low-income countries remains four percent below pre-pandemic levels.
- ❖ It has fallen by approximately four per cent in low-income countries, with the biggest declines observed in Africa.
- ❖ High-income, upper middle-income and lower middle-income countries showed a consistent, modest increase of 4 per cent, 4 per cent and 12 per cent, respectively.
- ❖ Low-income countries have increased their domestic funding for school meals up from 30 per cent in 2020 to 45 per cent in 2022.
- ❖ It has the potential to create 1,000-2,000 jobs for every 100,000 children receiving school meals.
- ❖ 30 million increase happens in the number of children receiving school meals between 2020 and 2022.

- ❖ Of this, the five countries: Brazil, Russia, India, China and South Africa accounted for 19 million of the increase in the number of children fed.
- ❖ The study analysis is based on a sample of 176 countries, up from 163 countries in 2020.

SPORTS

ISSF World Cup Shooting Championship

- ❖ Indian shooters opened their account with 4 gold and 3 bronze in Cairo, Egypt and one bronze in Doha, Qatar.
- ❖ Team India won 1 gold, 1 silver and five bronze in Bhopal.
- ❖ Thus, India's overall medal tally to 15 in the ISSF Shooting World Cup 2023.

Shooter(s)	Event	Medal
Sarabjot Singh	Men's 10m Air Pistol	Gold
Rhythm Sangwan & Varun Tomar	Mixed Team 10m Air Pistol	Silver
Varun Tomar	Men's 10m Air Pistol	Bronze
Narmada Raju & Rudranksh Patil	Mixed Team 10m Air Rifle	Bronze
Rudranksh Patil	Men's 10m Air Rifle	Bronze
Manu Bhaker	Women's 25m Pistol	Bronze
Sift Kaur Samra	Women's 50m Rifle 3 Positions	Bronze

