

September - 06

TNPSC BITS

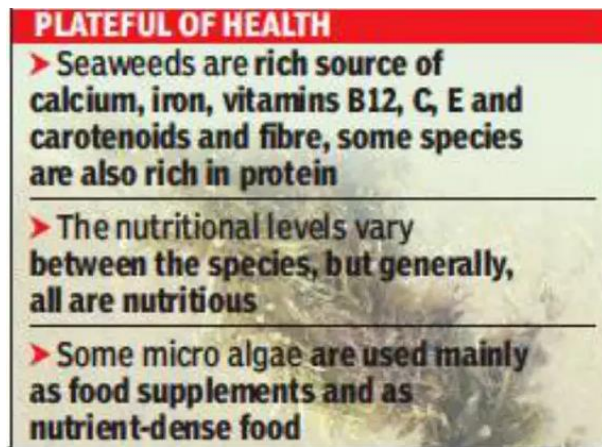
- ❖ The Tamil Nadu Pollution Control Board (TNPCB) has said only Vinayaka idols made of natural, biodegradable, eco-friendly material such as traditional virtuous clay and mud should be immersed in waterbodies.
- ❖ The International Solar Alliance (ISA) hosted its 5th regional meeting in Kigali, Rwanda.
- ❖ Corning Inc. the leading smartphone glass makers, have decided to set up their first Gorllia Glass factory in Telangana.

TAMIL NADU

Additional mineral revenue

- ❖ The Tamil Nadu government is set to generate an additional revenue of about ₹400 crore a year.
- ❖ It has recently revised the seigniorage fee, area assessment, dead rent and prospecting fee for minor minerals.
- ❖ The revised fee is set to come into force on September 5.
- ❖ An amendment to this effect was made in the Tamil Nadu Minor Mineral Concession Rules, 1959 recently.

Sea weed park



- ❖ Recently, the foundation stone was laid for the first-ever multipurpose seaweed park of the country at Vazhamavur near Rameswaram.

- ❖ The seaweed park will help generate employment opportunities for fisherfolks from six coastal districts.
- ❖ Seaweed would be used in manufacturing medicines and food ingredients.

NATIONAL

Tele-Law 2.0



The poster for Tele-Law 2.0 features a green and orange background. At the top, it includes logos for the Department of Justice, Ministry of Law and Justice, CSC, and G20 India 2023. The central text reads: 'सत्यमेव जयते Government of India भारत सरकार Ministry of Law and Justice विधि और न्याय मंत्रालय Department of Justice न्याय विभाग'. Below this, 'TELE-LAW 2.0' is written in large blue letters, followed by 'LEGAL ADVICE + LEGAL ASSISTANCE + LEGAL REPRESENTATION' in a purple banner. The Hindi title 'टेली-लॉ 2.0' is also present, along with 'कानूनी सलाह + कानूनी सहायता + कानूनी प्रतिनिधित्व'. The tagline 'Designing Innovative Solutions for Holistic Access to Justice (DISHA) के तहत एक पहल' is written in red. The event is presented by 'SHRI ARJUN RAM MEGHWAL Hon'ble MoS (I/C) for Law and Justice MoS for Parliamentary Affairs and Culture'. The date and time are '25th August 2023 | 12:00 PM Onwards' and '25 अगस्त 2023 | दोपहर 12:00 बजे से'. The location is 'Siri Fort Auditorium, August Kranti Marg, New Delhi' and 'सिरी फोर्ट सभागार, अगस्त क्रांति मार्ग, नई दिल्ली'. Social media handles for MLJ.GovIndia, @mlj_goi, @MLJ_Gol, law-and-justice-ministry-india, and @mlj_goi are listed at the bottom.

- ❖ The Tele-Law 2.0 initiative was launched by the Department of Justice, Ministry of Law & Justice.
- ❖ This version entails the fusion of Tele-Law Services with Nyaya Bandhu pro bono legal services.
- ❖ This merger aims to further enhance citizen accessibility to legal aid.
- ❖ The integration of legal guidance, support, and representation through a single registration process stands as a testament to the commitment to nurture a digitally literate and empowered populace.
- ❖ The Tele-Law programme was launched by the Department in 2017.

- ❖ The Advice is free of Cost to those who are eligible for free legal aid under Section 12 of the LSA Act, 1987.

INTERNATIONAL

9 dash line

- ❖ Vietnam joined India, Malaysia and the Philippines to reject a new map released by China.
- ❖ The issuance of the map as well as China's 'nine-dash line' claim show a violation of Vietnam's sovereignty
- ❖ India specifically protested China's claims over Arunachal Pradesh and Aksai Chin.
- ❖ The South China Sea is claimed by Brunei, Malaysia, the Philippines, Vietnam, and the Philippines.
- ❖ China asserts a claim to 90% of the South China Sea.
- ❖ The nine-dash line is a historical demarcation line on a map used by China to assert territorial claims in the South China Sea.
- ❖ The 2016 Arbitral Award invalidated the nine-dashed line.



10-point peace formula

- ❖ India will be part of the implementation of the 10-point peace formula proposed by Ukraine President Volodymyr Zelenskyy.

- ❖ He first presented the peace formula at the G-20 summit in Indonesia in November 2022.
- ❖ Some of the main provisions of his proposal are withdrawal of Russian troops and the cessation of hostilities and the restoration of Ukraine's state borders with Russia.

1. Radiation and nuclear security.
2. Food security.
3. Energy security.
4. Release of all POWs and deportees.
5. Implementation of the UN Charter and restoration of the territorial integrity of Ukraine and the world order.
6. Withdrawal of Russian troops and cessation of hostilities.
7. Restoring justice.
8. Countering ecocide.
9. Prevention of escalation.
10. Fixation of the end of the war.

**Volodymyr Zelenskyy,
G20 summit**

SCIENCE AND TECHNOLOGY

7-min cancer treatment injection



- ❖ The National Health Service (NHS) England has introduced an innovative anti-cancer injection.

- ❖ This is capable to drastically reducing cancer treatment duration.
- ❖ The injection takes only 7 minutes to administer and will be the first of its kind in the world.
- ❖ This revolutionary jab has the potential to curtail treatment time for specific patients by a remarkable 75%.

Pirola variants



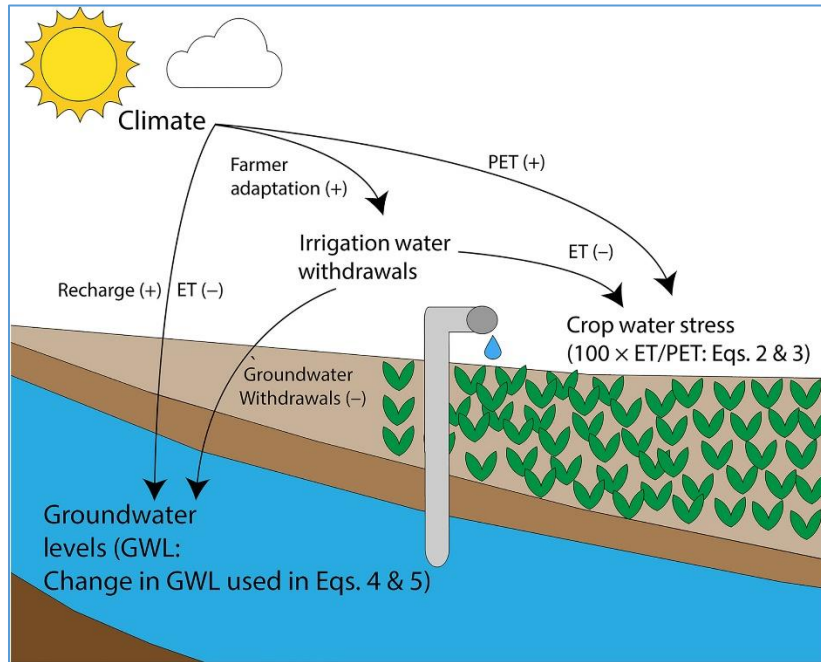
- ❖ The BA.2.86 variant of Omicron is nicknamed as “Pirola”.
- ❖ It is a newly designated, highly mutating variant of Omicron which triggered the surge in cases.
- ❖ New coronavirus variants have raised concern across the world amid a rise in cases in the United States and parts of Europe.
- ❖ Pirola has more than 30 mutations.
- ❖ It was first spotted in Denmark on July 24.

ENVIRONMENT

Groundwater Depletion

- ❖ The rate of depletion of groundwater in India during 2041-2080 will be thrice the current rate with global warming.
- ❖ The groundwater level (GWL) declines from 2041 to 2080 is 3.26 times current depletion rates on average (from 1.62-4.45 times).
- ❖ Groundwater depletion is expected to worsen as rising temperatures lead to higher irrigation demands.

❖ More than 60% of India’s irrigated agriculture depends on groundwater.



REPORTS AND INDICES

Annual Air Quality Life Index

WORST-HIT NATIONS		
Country	PM2.5'	Years lost**
B'desh	74	6.8
India	58.7	5.3
Nepal	51.7	4.6
Pakistan	44.7	3.9
Mongolia	36	3

❖ The University of Chicago’s Energy Policy Institute has released the annual Air Quality Life Index (AQLI) report.

- ❖ It said that the current air pollution's status as a significant threat to global human health.
- ❖ The report demonstrates that adopting WHO guidelines on fine particulate pollution (PM2.5) could extend life expectancy by 2.3 years globally.
- ❖ It may lead to the preservation of 17.8 billion life-years.
- ❖ The most pronounced impact on life expectancy is witnessed in Bangladesh, India, Pakistan, China, Nigeria, and Indonesia.
- ❖ These 6 countries are the epicentres of air pollution's toll on life expectancy.
- ❖ These nations experience losses of between one and over six years of life due to the polluted air their citizens breathe.

STATES

Gruha Lakshmi program – Karnataka



- ❖ Karnataka government launched a social welfare scheme for women -- Gruha Lakshmi scheme.
- ❖ Under this scheme, the women heads of a family will receive Rs 2,000 per month from the government.

- ❖ Women listed as family heads on Antyodaya, Below Poverty Line (BPL), and Above Poverty Line (APL) ration cards are eligible for the Scheme.
- ❖ Only one woman in a family will be the beneficiary of this scheme.

PERSONALITIES, AWARDS, AND EVENTS

ISRO scientist Valarmathi



- ❖ Valarmathi, the scientist and voice behind the Indian Space Research Organisation's (ISRO) launch countdowns, passed away.
- ❖ She voiced the launch of India's first successful mission, Chandrayaan-3, which became her final one.
- ❖ In 2015, former Chief Minister Jayalalithaa presented the first APJ Abdul Kalam award to N. Valarmathi.
- ❖ She led the team that successfully launched Radar Imaging Satellite RISAT-1 in 2012.

IMPORTANT DAYS

Literacy week – September 01- 08

- ❖ The Government of India has decided to organise a literacy week from 1st September to 8th September 2023.
- ❖ It aims to celebrate International Literacy Day for generating awareness among all the stakeholders/ beneficiaries/ citizens about the ULLAS - Nav Bharat Saaksharta Karyakram.

- ❖ The week-long literacy campaign shall enable mass participation to inculcate a sense of Kartavyabodh and Janbhagidari in the nation's citizens.



International Day of Charity 2023 - September 05

"A life not lived for others is not a life."

Mother Teresa a saint for millions of souls, died on Sep 5, 1997

123 countries is the spread of the Missionaries of Charity, which has around 4,500 sisters

Received the Nobel Peace Prize, Bharat Ratna, Padma Shri, Templeton Prize and Order of Merit

5 nationalities Ottoman, Serbian, Bulgarian, Yugoslav, Indian

Her birth name was **Anjezë Gonxhe Bojaxhiu**, which means 'little flower' in Albanian

1948 was when she began her missionary work in Calcutta, and replaced her nun's habit with the iconic white saree with blue border

"Hands that heal are holier than lips that pray"

- ❖ Mother Mary Teresa Bojaxhiu famously known as Mother Teresa passed away on September 5 in 1997.
- ❖ This day is perhaps a fitting tribute to someone who served the poor and needy people throughout her life.
- ❖ She did her exceptional service to the poor in Kolkata, India, and founded the Missionaries of Charity.
- ❖ For her works, she was awarded the Nobel Peace Prize in 1979.

