

December - 22

TNPSC BITS

- ❖ The Tamil Nadu government has announced that all those who are eligible for benefits under various government schemes are required to submit proof of possession of an Aadhaar number.
- ❖ Bollywood actress Sonakshi Sinha has been awarded PETA India's 2022 Person of the Year title.
 - People for the Ethical Treatment of Animals (PETA) is an American animal rights non-profit organization.
- ❖ The Union Minister of Railways, Ashwini Vaishnaw has been appointed as the Chancellor of Gati Shakti Vishwavidyalaya, Vadodara, Gujarat.
 - He will be the first Chancellor of this institution.
- ❖ A book titled "The Light We Carry: Overcoming In Uncertain Times" was written by Michelle Obama.
- ❖ According to the World Athletics, Tokyo Olympics gold Indian javelin thrower Neeraj Chopra was the most written-about track and field athlete in 2022.
 - He is displacing Jamaican sprint legend Usain Bolt from the top of the list.

TAMIL NADU

Mr World 2022



- ❖ Rajendran Mani from Tamilnadu won Mr World 2022, held at Thailand.
- ❖ He won this award for the 5th Term.

ECONOMY

Surety Bond Insurance



- ❖ The Union Minister of Road Transport and Highways Nitin Gadkari launched the country's first-ever surety bond insurance product from Bajaj Allianz.
- ❖ Surety bonds are guarantees of payment issued by general insurance companies on behalf of the contractor to the project awarding entity.
- ❖ The surety bond gives the principal a contract of guarantee in a mutually agreed terms.
- ❖ As a risk transfer tool for the principal, it shields the principal from the losses.
- ❖ Unlike a bank guarantee, the Surety Bond Insurance does not require large collateral from the contractor.

SCIENCE AND TECHNOLOGY

INS Mormugao

- ❖ It was commissioned by Union Defence Minister Rajnath Singh on the eve of the Goa Liberation Day 2022.
- ❖ It is the second ship of the Visakhapatnam-class stealth guided missile destroyers of the Indian Navy.

- ❖ It was built under Project 15B.
- ❖ It was built by Mazagon Dock Shipbuilders Limited (MDSL), located in Mumbai.
- ❖ The vessel is made of 75 per cent of indigenous content.
- ❖ The purpose of the Indian Navy's Project 15B is to develop stealth destroyers having maximised indigenous inputs.
- ❖ The project's first vessel – INS Visakhapatnam – was commissioned into the Indian Navy in November 2021.
- ❖ It is the first of the Indian Navy's Visakhapatnam-class stealth guided-missile destroyers.



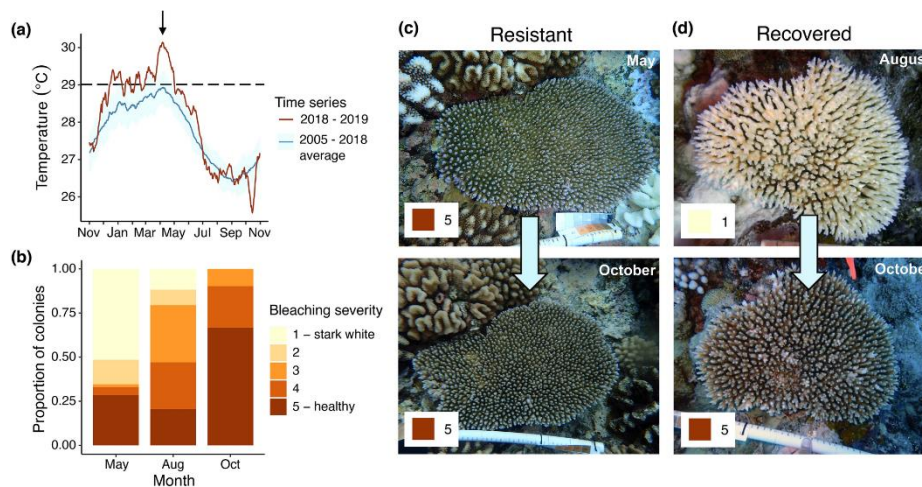
ENVIRONMENT

Kunming-Montreal Global Biodiversity Framework



- ❖ The 15th Conference of Parties (COP15) to the United Nations Convention on Biological Diversity (CBD) held in Montreal, Canada.
- ❖ China holds presidency in this conference.
- ❖ It adopted the Kunming-Montreal Global Biodiversity Framework (GBF).
- ❖ The GBF includes four goals and 23 targets to address the loss of biodiversity and restore natural ecosystems by 2030.
- ❖ It is an agreement to protect 30% of land and water considered important for biodiversity by 2030, known as 30 by 30.
- ❖ The targets of the GBF need to be achieved by 2030.
- ❖ To support the implementation of the GBF, the Global Environment Facility has been requested to establish a Special Trust Fund.
- ❖ As part of the GBF, countries have pledged to reduce harmful government subsidies worth USD500 billion annually and identify subsidies that are harmful to biodiversity by 2025
- ❖ The main targets are
 - Protecting at least 30% of the world's land, water, coastal, and marine areas
 - Restoring at least 30% of degraded terrestrial, inland water, coastal, and marine ecosystems
 - Cutting global food waste in half and reducing overconsumption and waste
 - Reducing the use of pesticides and hazardous chemicals by half.

Frozen Coral



- ❖ The scientists successfully froze Australia's Great Barrier Reef coral in world-first trial.

- ❖ The Great Barrier Reef has suffered four bleaching events in the last seven years and scientists are scrambling to protect coral reefs.
- ❖ In the lab trial, the world's first with Great Barrier Reef coral, scientists used the cryomesh to freeze coral.
- ❖ Cryomesh is a specially fabricated mesh used as substrate in cryopreservation.
- ❖ The 'cryomesh' is lightweight and can be manufactured cheaply.
- ❖ It preserves coral in a better way and has the properties of cryoplates.

REPORTS AND INDICES

2022 Global Food Security Index (GFSI)



- ❖ It is the 11th Global Food Security Index.
- ❖ It was released by the British weekly "The Economist".
- ❖ Finland is topping the list, followed by Ireland and Norway.
- ❖ In this report, South Africa, at 59th Position, overtook Tunisia to become the most food-secure country in Africa.
- ❖ This is the first time that a country in Sub-Saharan Africa was the top performer in the continent.

- ❖ It shows a deterioration in the global food environment for the third year, threatening food security.
- ❖ Significant progress was made in global food security from 2012 to 2015.
- ❖ India is ranked at 68th position along with Algeria.

PERSONALITIES, AWARDS, AND EVENTS

Mrs World 2022

- ❖ India's Sargam Koushal won the Mrs World 2022 title after 21 years at Las Vegas in USA.
- ❖ Sargam Koushal is originally from Jammu and Kashmir.
- ❖ Aditi Govitrikar became the first Indian woman to win the honour for India in 2001.



SPORTS

3rd T20 World Cup for the Blind 2022

- ❖ India beat Bangladesh to claim third successive title.
- ❖ The final held at Bengaluru.

- ❖ India's Ajay was adjudged Man of the Series in the B2 category while Bangladesh's Mohammed Mahmud Rashid was the Man of the Series in the B1 category.



Women's FIH Nations Cup 2022



- ❖ The Indian women Hockey team beat Spain in the final to win the inaugural FIH Nations Cup.
- ❖ India was led by Captain Savita Punia.

- ❖ It was played at Valencia, Spain.
- ❖ The Indian Women Hockey team won the bronze medal at the Commonwealth Games in Birmingham earlier this year.

IMPORTANT DAYS

International Human Solidarity Day – December 20

- ❖ It is observed annually across the globe to celebrate the ideal of unity in diversity.
- ❖ It highlights the goal of the United Nations and its member states to create awareness about poverty and the need to reduce poverty in independent nations.
- ❖ On December 20, 2002, the UN General Assembly introduced a World Solidarity Fund to help counter global poverty.



MISCELLANEOUS

Publication of scientific papers

- ❖ Union Minister for Science and Technology, Jitendra Singh has revealed that India had jumped from 7th to 3rd in global scientific publications and scholarly output.
- ❖ China leads the world in the publication of the maximum number of scientific papers followed by The United States of America.

❖ India also ranks third globally in the number of PhDs produced annually.



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