

December - 10

TNPSC BITS

- ❖ Puerto Rico's massive Arecibo telescope, famous for its stellar contributions to astronomy, collapsed.
 - Built in 1963, it is the second-largest single-dish radio telescope in the world.
- ❖ Justice Murali Shankar Kuppu Raju and his wife Justice Tamil Selvi were sworn in as judges of Madras High Court.
 - Earlier in 2019 Justice Vivek Puri and his wife justice Archana Puri were sworn in as judges of Punjab and Haryana High Court.
- ❖ The startup Pixxel and the New Space India Limited has signed an agreement to launch the first private Remote Sensing satellite of India.
- ❖ On December 4, 2020, the sensex hit 45000 for the first time ever.
- ❖ The Administrator of Lakshadweep Dineshwar Sharma recently passed away.
- ❖ On December 4 2020, the founding day of directorate of revenue intelligence was celebrated.
 - During the celebrations the union finance minister Nirmala sitharaman released the smuggling in India report 2019-20.
- ❖ India's first children's homes for transgender children will soon be established in Bengaluru Urban.
- ❖ The UK has recorded the world's 1st foul air death or death legally certified to have been caused by air pollution.
- ❖ The Famous Tamil publisher Kriya Ramakrishnan recently passed away in Chennai.
 - He was very famous in publishing the Kriya's present Tamil Dictionary (Tamil – Tamil - English).
- ❖ The Gana singer Isaivani of the Casteless Collective from Tamilnadu has been featured on the British Broadcasting Corporation's (BBC) '100 Women 2020' list.
 - Athlete Manasi Joshi, climate activist Ridhima Pandey and protest leader Bilkis Bano are the other Indian women on the list.
- ❖ India has emerged as fourth largest producer of renewable energy in world.



- ❖ Agastya Jaiswal from Hyderabad becomes first graduate in India at just 14 years.
 - He graduated from the Osmania University of Hyderabad.
- ❖ Prime Minister Narendra Modi dedicated two Ayurveda institutions to the country – one at Jamnagar in Gujarat and one at Jaipur in Rajasthan.

TAMIL NADU

Highest number of women judges

- ❖ The Madras High Court retained its position as the High Court with the highest number of women judges.
- ❖ This High Court has thirteen women judges out of 75 Judges.

Tamil Nadu ban on Rummy

- ❖ Tamil Nadu Governor Banwarilal Purohit promulgated an ordinance banning online gambling games including rummy.
- ❖ The people who are found gaming will be punished with a fine of Rs 5000 and six-months imprisonment.
- ❖ The ordinance promulgated by governor Banwarilal Purohit is amending the following acts ;
 - Tamil Nadu Gaming Act 1930,
 - Chennai City Police Act 1888, and
 - The Tamil Nadu District Police Act 1859.

NATIONAL

7th WASH (Water, Sanitation & Hygiene) Conclave

- ❖ It was organized by UNICEF and National Institute of Rural Development & Panchayat Raj.
- ❖ The theme of the conclave was “Hygiene Matters”.
- ❖ The Government of India has set the target to provide access to and use of safe and adequate drinking water to all households within 2024.



The banner features logos for NIRDPR, Government of Karnataka, Government of Andhra Pradesh, Government of Telangana, and UNICEF. The text on the banner reads: **Hygiene Matters**, **7th Water, Sanitation & Hygiene (WASH) Conclave**, **Andhra Pradesh, Karnataka & Telangana**, and **2 - 4 December 2020**.

Most trusted Brand

- ❖ Dell has achieved top slot as India's Most Trusted Brand second year in a row in TRA's Brand Trust Report (BTR) 2020.
- ❖ It is followed in second place by Mi Mobiles.
- ❖ Samsung Mobiles secures the 3rd place, followed by Apple iPhone and LG Television staking 4th and 5th ranks, respectively.

India's Most Trusted Brands 2020: TRA report	
1. DELL	LAPTOPS
2. MI	MOBILE PHONES
3. SAMSUNG	MOBILE PHONES
4. APPLE IPHONE	MOBILE PHONES
5. LG	TELEVISIONS
6. OPPO	MOBILE PHONES
7. SONY ENTERTAINMENT	HINDI - GEC
8. MARUTI SUZUKI	4 WHEELER
9. SAMSUNG	TELEVISIONS
10. VIVO	MOBILE PHONES

INTERNATIONAL

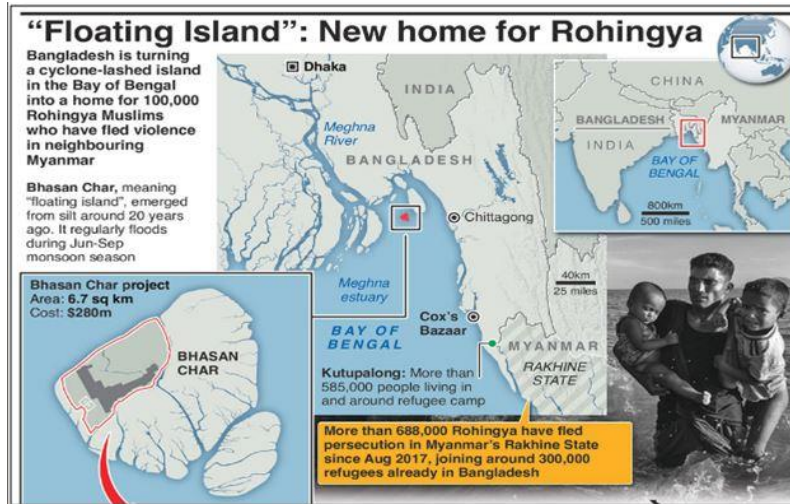
Azad Pattan project

- ❖ It is a hydropower project that is to be constructed in Pakistan occupied Kashmir.
- ❖ It is to be built on the Jhelum River.
- ❖ It is to be jointly undertaken by China and Pakistan as a part of the China-Pakistan Economic Corridor (CPEC).



Bhashan Char Island

- ❖ It is a remote uninhabited island of Bangladesh, located in the Bay of Bengal.
- ❖ It is also known as Char Piya.
- ❖ Around thousands of Rohingyas from Cox's Bazar refugee camp are being shifted to this new island.
- ❖ The island spans for an area of 40 square kilometers.
- ❖ It is believed to have formed only in 2006, by Himalayan silt.
- ❖ These are also called the Floating Islands.



ECONOMY

India's sugar Production

- ❖ Indian sugar production doubled to 42.90 lac tons in 2020.
- ❖ The last season's production was 20.72 lac tons.
- ❖ There were 408 sugar mills in operation in the country as on November 30 compared to 309 sugar mills as on November 30, 2019.
- ❖ Uttar Pradesh is the leading sugarcane and sugar producing State in the country.
- ❖ Maharashtra is the second largest producer of Sugar in India.
- ❖ India is the world's second-largest producer of Sugar.
- ❖ India is the world's largest consumer of sugar.
- ❖ Brazil is the World's largest producer of sugar.

SCIENCE AND TECHNOLOGY

Quantum Supremacy

- ❖ China claims that its quantum supremacy is 10 billion times faster than google's prototype.
- ❖ Google said last year it has built a computer that could perform a computation in 200 seconds that would take the fastest supercomputers 10,000 years.
- ❖ A quantum computer uses qubits.

- ❖ It is described as a 0 and 1 at the same time giving us more processing power.
- ❖ It is a term proposed in 2012 by John Preskill of the USA.

ENVIRONMENT

Malayan Giant Squirrel

- ❖ As per a recent study conducted by Zoological Survey of India, this species of squirrel may become extinct.
- ❖ This is the first of its kind study conducted by the Zoological Survey of India.
- ❖ In India, this species is spotted at higher numbers at the Kaziranga National Park in the state of Assam and parts of North-East India.
- ❖ They are diurnal, herbivorous and arboreal.
- ❖ Malayan giant squirrel or the black giant squirrel is one of the largest tree squirrels in the world.
- ❖ India is home to three giant squirrel species namely Grizzled Giant Squirrel, Indian Giant Squirrel and the Malayan Giant Squirrel.



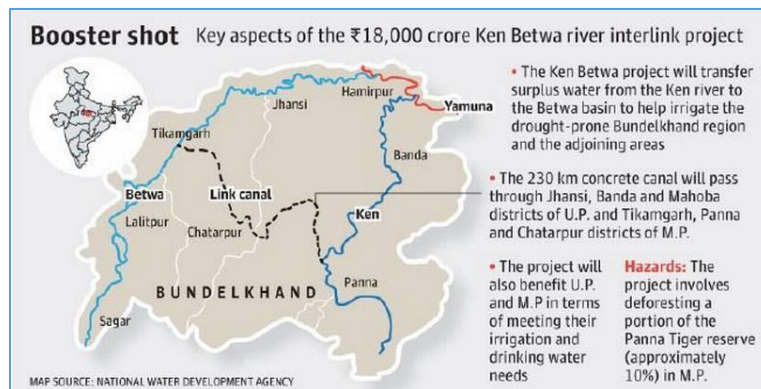
IGP as Ammonia Hotspot

- ❖ A study by the Indian Institute of Technology (IIT) Kharagpur found that Indo-Gangetic Plain (IGP) is a global hot-spot of atmospheric ammonia.

- ❖ Atmospheric ammonia is typically generated due to agricultural activities including the use of nitrogenous fertilizers, manure management, soil and water management practices and animal husbandry.

Ken-Betwa Interlinking Project

- ❖ An expert panel of India's environment ministry has deferred environment clearance for the Lower Orr Dam.
- ❖ It is part of the Ken-Betwa river interlinking project.
- ❖ This is the country's first river interlinking project.
- ❖ The project aims to transfer surplus water from the Ken river in MP to Betwa in UP to irrigate the drought-prone Bundelkhand region.
- ❖ Ken and Betwa rivers originate in MP.
- ❖ They are the tributaries of Yamuna.
- ❖ Ken River passes through Panna tiger reserve.



Raimona National Park

- ❖ It will be Assam 6th national park.
- ❖ Raimona National Park lies within the Ripu Reserve Forest.
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- ❖ They are contiguous with Bhutan's Phipsoo Wildlife Sanctuary and Jigme Singye Wangchuk National Park.
- ❖ It is home to Assam's largest endangered golden langur population.
- ❖ The existing national parks in Assam are Kaziranga, Manas, Dibru-Saikhowa, Manas and Orang.

IMPORTANT DAYS

Indian Navy Day – December 04

- ❖ Every year the Indian Navy Day is celebrated to commemorate Operation Trident.
- ❖ The operation was launched by the Indian Navy during the India-Pakistan war of 1971 to attack Karachi Harbour.
- ❖ Theme of this year is Indian Navy Combat Ready, Credible and Cohesive.

