

KSG: NEWSPAPER CRUX

10TH SEPTEMBER 2022

NEWSPAPER HIGHLIGHT

President Droupadi Murmu virtually launched the Pradhan Mantri TB Mukh Bharat Abhiyaan. Speaking on the occasion, the President said it was the duty of all citizens to give high priority to the antituberculosis campaign and make it a mass movement. Tuberculosis caused the largest number of deaths among all other infectious diseases in the country. India has a little less than 20% of the world's population, but has more than 25% of the total TB patients of the world. "This is a matter of concern," said the President, adding that most of TB-affected people came from the poor sections of society.

The Centre has banned the export of broken rice, mostly used as animal feed and as a component for ethanol production, in view of the domestic demand and the production scenario of rice. The export of broken rice rose by 4,178% during April to August from the figure during the corresponding period in 2019. India exports broken rice mainly to China, Senegal, Vietnam, Djibouti and Indonesia. It exported about 21.31 lakh tonne of broken rice in the past five months.

India and China will take up remaining issues along the Line of Actual Control (LAC) once the ongoing disengagement at Patrolling Point (PP) 15 in GograHot Springs is completed by Monday, the Ministry of External Affairs (MEA) said on Friday. Beijing welcomed the disengagement at PP15 as "a positive development", but reiterated its stand that it would not accept India's demand to restore the status quo prior to China's transgressions, saying "the status quo of April 202 was created by India's illegal crossing of the Line of Actual Control [LAC]".

The Supreme Court allowed bail to Kerala journalist Siddique Kappan, who has suffered custody for nearly two years and is accused of offences under the Unlawful Activities (Prevention) Act, saying "every person has a right to free expression." A Bench led by Chief Justice U.U. Lalit orally observed that the "literature" found in the car Mr. Kappan was travelling in to Hathras, where a Dalit girl was allegedly gangraped, at the time of his arrest on October 5, 2020 only propagated ideas like "the victim requires justice" and "let us be a common voice".

CLIMATE TIPPING ELEMENTS

1. Scientists, who first identified and assessed climate tipping elements and their tipping points in 2008, have reassessed them and found that the number of climate tipping elements has increased from 9 to 16. Climate tipping elements are certain large-scale systems on Earth that are essential for its sustenance. There are certain thresholds of these elements known as 'tipping points', beyond which even a slight change in them can become unstoppable, leading to catastrophic consequences.

2. Findings - While some of the tipping points may have been crossed or are close to cross at 1.1 degrees Celsius of warming since pre-industrial times, more of them would be crossed as Earth warmed further. Of the 16, nine are 'core tipping elements' affecting the climate of the Earth in general. The remaining seven were categorized as 'regional tipping elements' that had an impact on the climate of various regions but could also interact with climate elements from other regions.

3. This interaction creates cascading impacts and crossing of tipping points. The Amazon rainforest is an example of a core tipping element while the west African monsoon is considered to be a regional tipping element. Impacts - Once a climate-tipping element passes a tipping point, the system would further collapse into oblivion. This may take decades to thousands of years in the case of ice sheets, raising sea levels by many metres gradually.

4. The change may be rather abrupt in the case of ecosystems and atmospheric phenomena, creating wide scale cascading changes in weather systems, impacting lives. According to the United States Environmental Protection Agency (US EPA), an estimated 25% of all marine life, including over 4,000 species of fish, are dependent on coral reefs at some point in their life cycle.

5. The thawing of permafrost leads to release of carbon into the atmosphere, mainly in the form of methane gas. Way forward - World countries have to bring down their greenhouse gas emissions and limit warming to less than 1.5°C as agreed under the Paris Agreement 2015. If they are not able to do, four of the five tipping points of the elements move from the realm of possibility to becoming likely events and five others become possible, increasing risks for the world populations.

CLIMATE REPARATION

1. Facing the worst flooding disaster, Pakistan is demanding climate reparations from the Global North that is responsible for 92% of excess global carbon emissions. The Global North means the developed countries, while the Global South means the developing countries.

2. Climate reparations refer to a call for money to be paid by the Global North to Global South as a means to address the historical contributions that the Global North has made (and makes) toward climate change. Climate reparations are also about the need for acknowledgment and accountability for the loss of land and culture - and how that has affected us in the Global South - as a result of climate change. 3. The element of accountability is what differentiates climate reparations from climate aid.

Climate justice is a framing that places justice and the movement toward an equitable world at the core of climate activism.

4. Significance of climate reparations for climate justice - The call for climate reparations is one of the key elements within demands for climate justice. Climate reparations directly benefit those affected by systems of oppression, such as colonialism and racism i.e., those who are also the most affected by the climate crisis.

5. Reparations are a way of understanding our political context through the framework of decolonisation. Climate reparations are better understood as one key part of a system of wider measures to achieve climate justice globally. Climate reparations can be a starting point for radically reorienting our

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Two days after the income tax officials conducted a “survey” on Oxfam India on suspicion of financial irregularities, the non-profit organisation said that the survey team took all data by cloning its server and private mobile phones of senior leadership team. The department on Wednesday conducted surveys on two think tanks and a charity organisation on suspicion of irregularities related to financial transactions, including at Oxfam India’s office on the Okhla Industrial Estate.

Latest Sig Saur rifles, Negev Light Machine Guns (LMG), Carl Gustaf-Mk3 84 mm rocket launchers, digital spotter scopes, fuel cell chargers for patrols, all terrain vehicles and satellite terminals are some of the new inductions for the infantry soldiers in the Rest of Arunachal Pradesh (RALP), beyond the Tawang sector. This along with helipads at forward posts, M777 Ultra Light Howitzers backed by Chinook heavy lift helicopters are part of the overall capability enhancement in the region.

The Supreme Court directed the Union Ministry of Communication and Information Technology to respond to a petition alleging indiscriminate shutdown of internet facility to prevent cheating in exams. A three judge Bench issued notice to the Ministry and asked it to respond on whether there is any standard protocol and the level and method of adherence to it during public exams.

The Centre has relaxed the norms to encourage the All India Services and other Central Services officers to get posted in Jammu and Kashmir. The Union Territory is reeling from a shortage of officers since 2019 after the former State of J&K was split into two, Ladakh being the other UT.

In a big push for the Make In India initiative, the Ministry of Railways has firmed up a road map to start domestic production of wheels needed for highspeed trains and high strength rail tracks — the two major items it imports.

The Uttar Pradesh government has directed all the government health facilities in the State to have signboards and nameplates written in Urdu too. In a directive issued to all the district chief medical officers (CMOs), the government asked them to make sure that the signboards and nameplates on display in district

world toward climate justice.

INDIA'S SEX RATIO

1.Improves Over nine million girls have gone ‘missing’ to female foeticide over the last two decades in India, even as the country has gradually moved toward a balanced sex ratio. An analysis of the 5th National Family Health Survey 2019-2021 (NFHS-5) showed that the sex ratio is 108 boys per 100 girls. This is an improvement from 111 boys in 2011, where it had been for two decades. However, the study prepared by the Pew Research Centre has revealed that there is still some room for improvement as the ratio was 105 boys per 100 girls in 1950.

2.India’s sex ratio has been skewed since the opening of prenatal diagnostic technology in the 1970s, facilitating sex-selective abortions. The betterment followed years of government-initiated efforts, like the Beti Bachao, Beti Padhao (BBBP) scheme, to bring down sex-selective abortions and promote having a girl child. India has the sixth most skewed sex ratio at birth in this century, succeeded only by Azerbaijan, China, Armenia, Vietnam and Albania. Between 2000 and 2019, some 9 million girls went “missing” to sex-selective abortion.

3.Religion-wise break up - Hindus - who also make up 80% of India’s population - accounted for the missing girls, at 7.8 million or 86.7% Sikhs have reported the steepest drop in a bias towards having a boy. In 1998-1999, 30% Sikh women wanted a son. This has now come down to 9% in 2019-2021. A similar trend has been recorded among other religious groups as well in the same time period.

4.Some 34% Hindu and Muslim women each wanted a son, which has come down to 15% and 19%, respectively. Only 20% Christian women wanted a son, which has come down to 12%. Factors - Wealth, education and fertility are the key factors behind this, including the decision to conduct sex-selective abortions.

5.NFHS-5 data revealed that wealthier and more educated women are less likely to favour having a son. In India, undergoing such a test during pregnancy is correlated with a higher probability of giving birth to a son. Caste also plays an active role here not just because it is an important indicator of socioeconomic status, but also because caste entails cultural norms that may limit women’s autonomy in different ways.

WORLD DAIRY SUMMIT

1.India will host the International Dairy Federation’s World Dairy Summit 2022 in Greater Noida, National Capital Region (Delhi - NCR). The IDF World Dairy Summit 2022 will be happening in India after the last World Dairy Summit was organised in 1974 in New Delhi.

2.The IDF World Dairy Summit is an annual meeting of the global dairy sector, bringing together approximately 1500 participants from all over the world. It will provide a forum to industry experts to share knowledge and ideas on how the sector can contribute to nourish the world with safe and sustainable dairying.

3.India’s Dairy Sector India has the largest milk producer in the world, contributing 23 % of global milk production. Milk production in the country has grown at a compound annual growth rate of about 6.2 % to reach 209.96 mn tonnes in 2020-21 from 146.31 mn tonnes in 2014-15 .

4.The top 3 milk-producing states are: Uttar Pradesh (14.9%, 31.4 MMT), Rajasthan and Madhya Pradesh. Operation Flood, initiated in 1970, transformed India into one of the largest milk producers. The per capita availability of milk in 2018-19 was 394 grams per day as against the world average of 302 grams per day.

CYBORG COCKROACHES TO HELP IN URBAN SEARCH-RESCUE MISSIONS

1.An international team of researchers led by Japan’s scientific institution, RIKEN’s Cluster for Pioneering Research (CPR), has devised a system that can create cyborg cockroaches, that is part insect and part machine.

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hospitals, primary health centres and other health facilities were written in Urdu along with Hindi.

Sri Lankan President Ranil Wickremesinghe on Friday advised officials to act immediately and amend government circulars if they impede Indian investment projects in the cash strapped island nation. He asked officials to resolve obstacles to projects backed by India, a government statement said, without specifying what the obstacles were.

2.They claim that these insects, whose movements are controlled by tiny integrated circuits, will be able to conduct surveillance in procedures like urban search and rescue, environmental monitoring and inspection of areas dangerous to humans. The researchers who published their findings in the scientific journal npJ Flexible Electronics claim that by equipping cockroaches with small wireless control modules, handlers will be able to control the insect's legs remotely for long periods of time.

3.A cyborg is a being with both organic and biomechatronic body parts. A person could be considered a cyborg when they are outfitted with implants such as artificial heart valves, cochlear implants or insulin pumps.