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# ESE-2022

## (Preliminary Examination)

### Current Issues

(October - 2022)

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# Current Issues

(October - 2022)

## POLICY OF GOVERNANCE

### WORLD'S LARGEST JUNGLE SAFARI PARK



#### Why in News?

Haryana Chief Minister Manohar Lal Khattar said the state would develop the world's largest jungle safari park on 10,000 acres in the Aravallis in Gurugram and Nuh districts.

#### KEY POINTS

- Nearly 6,000 acres have been identified in Gurugram, and the rest in Nuh.
- Currently, the largest curated safari park outside Africa is in Sharjah, which is spread over an area of about 2,000 acres. However, Aravalli Park would be five times the size of Sharjah.
- The jungle safari park will have ten zones, and it would include a large herbarium, aviary and bird park, four zones for big cats, a large area for herbivores, an area for exotic animal birds, an underwater world, nature trails, visitors, tourism zones, botanical gardens, equatorial, tropical, coastal, desert, etc.
- The Aravalli mountain range is home to many species of birds, wild animals and butterflies.
- According to a survey conducted a few years ago, 180 species of birds, Mammals, 15 species of mammals, wildlife, 29 species of reptiles i.e., land crawling and water living creatures and 57 species of butterflies exist in the Aravalli Mountain range.

## OPERATION GARUDA



### KEY POINTS

#### What it is?

- The Central Bureau of Investigation (CBI) has launched a multi-phase 'Operation Garuda' against illicit drug trafficking network.
- About 175 persons allegedly involved in drug smuggling have been arrested in different parts of the country in an operation led by the Central Bureau of Investigation (CBI) in close coordination with the Interpol, the Narcotics Control Bureau (NCB) and the police forces.
- During the Operation, searches, seizures and arrests were carried out across multiple states and UTs in the country.
- Apart from CBI and NCB, eight states and UT Police including Punjab, Himachal Pradesh, Gujarat, Maharashtra, Tamil Nadu, Delhi and Manipur have also participated in this Operation.

#### Objective:

- Operation Garuda will help to disrupt, degrade, and dismantle networks with international linkages rug networks with international linkages on drug trafficking and coordinated law enforcement actions across international jurisdiction through Interpol.
- In Operation Garuda CBI led a global operation to target drug networks with international footprints for action against handlers, operatives, production zones and support elements.

#### Central Bureau of Investigation (CBI):

- The Central Bureau of Investigation (CBI) is the premier investigating agency of India.
- The agency has been known to investigate several economic crimes, special crimes, cases of corruption and other cases.

- Formed in 1963 by resolution of home ministry which Headquarters at New Delhi, India with the motto of Industry, Impartiality, Integrity.

## ODISHA RELEASE 1<sup>ST</sup> IN INDIA ENCYCLOPEDIA ON TRIBAL COMMUNITIES



### Why in News?

Odisha Chief Minister Naveen Patnaik released a first-of-its-kind 'Encyclopedia of Tribes in Odisha' at the Museum complex in Bhubaneswar.

### KEY POINTS

- Odisha became the first state in the country to come up with an encyclopedia to document the life, history, culture, and development of the tribal communities.
- The five Edited Volumes of “Encyclopaedia of Tribes in Odisha” published by Scheduled Castes and Scheduled Tribes Research and Training Institute and Odisha State Tribal Museum in the Museum complex in Bhubaneswar.
- Odisha is the only State to publish such an encyclopedia till date.
- The tribal population in Odisha accounts for 22.85% of its total population, as per the 2011 Census.



## KADMA BIODIVERSITY PARK



### KEY POINTS

- Tata Steel inaugurated the Kadma Biodiversity Park in Jamshedpur to increase the green zone around Jamshedpur.
- The park is spread across 13.5-acres where 5650 trees and 4650 shrubs have been planted, which is in addition to the existing 300 trees.
- The park has 2.3 Km of walking trail, a yoga and meditation zone, bird watching areas, rainwater harvesting ponds, Lily ponds, butterfly zones, and fruit and bamboo orchards.
- The park houses several clusters of native species of trees planted as groves. It also has bird and squirrel nests, deep forest areas, grasslands and an information centre for flora and fauna observed in the park.

## YUVA 2.0 (YOUNG, UPCOMING AND VERSATILE AUTHORS)



### Why in News?

Recently, on 2<sup>nd</sup> October The Ministry of Education, Department of Higher Education launched YUVA 2.0 - Prime Minister's Scheme for Mentoring Young Authors, an Author Mentorship programme to train young and budding authors (below 30 years of age) in order to promote reading, writing and book culture in the country, and project India and Indian writings globally.

## KEY POINTS

- It is an author mentorship programme to train young and aspiring writers (under 30 years old) in order to advance India and Indian literature internationally.

## Objective:

- It aims to encourage the youth to understand and appreciate India's democracy.
- YUVA 2.0 is a part of India@75 Project (Azadi Ka Amrit Mahotsav) to bring to the fore the perspectives of the young generation of writers

## Theme:

- The theme for YUVA2.0 is “Democracy (institutions, events, people, constitutional values – past, present, future)”.

## Significance:

- This scheme will help to develop a stream of writers who can write on a spectrum of subjects to promote Indian heritage, culture and knowledge system.”
- A total 75 authors will be selected through an all india contest from 2<sup>nd</sup> October to 30 November 2022.
- The young authors will be trained by eminent authors/mentors from 1st march to 31<sup>st</sup> August 2023.
- The books prepared under this scheme will be published by National Book Trust, India, and will also be translated into other Indian languages ensuring the exchange of culture and literature, thereby promoting 'Ek Bharat Shreshtha Bharat'.
- Under the mentorship the first set of published books will be launched on 2<sup>nd</sup> October 2023.

## INDIA's 1<sup>st</sup> FULLY LITERATE GRAM PANCHAYAT



## Why in News?

Recently, Pullampara became the first grama panchayat in the country to attain full digital literacy among its residents.

## KEY POINTS

- The Pullumpara village panchayat in the Thiruvananthapuram district Kerala, achieved the distinction of becoming the first totally digitally literate panchayat in the country.
- The 'Digi Pullampara' project was launched on August 15, 2021 to impart digital education to the most underprivileged sections of society in the panchayat.
- Full digital literacy was gained by Pullampara panchayat's 'DigiPullampara' project under which some 3,300 residents between the 14-65 age group were provided digital education.
- The state government has made 800-odd government services available online and the digitally literate population can make maximum use of them.
- The project was run with the assistance of volunteers from five engineering colleges, Kudumbashree units and other self-help groups

## CONFERENCE ON INDUSTRY 4.0



## Why in News?

Recently, National Conference on Industry 4.0: Challenges Ahead got underway on 7<sup>th</sup> October 2022.

## KEY POINTS

- Union Minister for Heavy Industries Dr. Mahendra Nath Pandey inaugurated 'Conference on Industry 4.0: Challenges Ahead and Way Forward', at Kevadia Gujarat.
- The aim of the National Conference on Industry 4.0: Challenges Ahead is to understand strategies to promote Industry 4.0 in India's manufacturing sector and enable Industry 4.0 technologies to enable systems, products, and processes for growth and competitiveness by 2030.

- The Conference has brought together the industry, academia and government to discuss best practices and strategies to be adopted in manufacturing under Industry 4.0 revolution.

## INDIA'S 1<sup>ST</sup> SOLAR POWERED VILLAGE



### Why in News?

Recently, the Prime Minister declared Modhera, a village in the Mehsana district of Gujarat as India's first solar-powered village.

### KEY POINTS

#### Modhera village:

- The Modhera village is located 25 km from the Mehsana district of Gujarat, and about 100 km from the state capital of Gandhinagar.
- The village has a total geographical area of around 2,436 hectares and is located on the banks of the Pushpavati river in the state.
- Modhera is associated with the Sun Temple also known for its strides in solar energy.
- Modhera is famous for its sun temple it is situated on the river Pushpavati, it was built by King Bhima-I of the Chaulukya dynasty in 1026-27.

#### Solar Power Project:

- “The idea behind this project is that since the Modhera temple is the Temple of the Sun God, so the entire energy of this town and community should come from solar energy.
- The village has a ground-mounted solar power plant, and over 1,300 rooftop solar systems with 1kW capacity have been installed on houses to generate electricity. All of these solar systems are linked to a battery energy storage system (BESS).

- During the day, solar panels will provide power to the village, while in the evening, BESS, India's first grid-connected megawatt hour scale battery energy storage system, will provide power to the houses.
- Both the central and state governments have invested over ₹80 crore in this solar-development project in two phases, with the state allotting 12 hectares of area for the project.
- People in the village can save 60% to 100% on their electricity bills with this move.

## INDIAN HANDICRAFT PORTAL

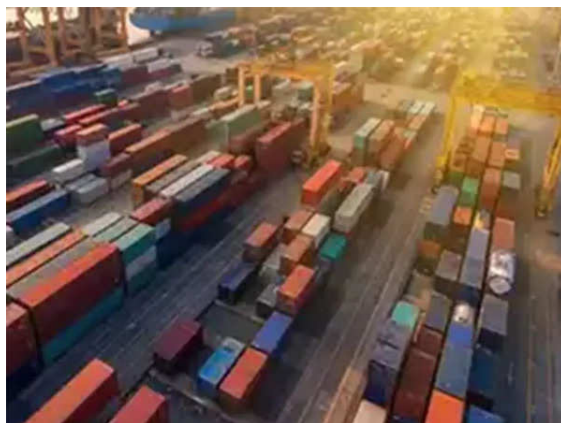


## KEY POINTS

- The office of the Development Commissioner (Handicrafts) has launched Indian handicraft portal (<http://indian.handicrafts.gov.in>) through which all the eligible artisans can apply online for marketing events.
- This provides fully digitized marketing platform to handicraft artisans.
- Around 200 domestic marketing events are organised annually in different parts of the country with an aim to support the artisans in selling their produce.
- Handicrafts are all the items made by a man's or woman's hands
- Indian handicrafts encapsulate the essence of Indian culture, beauty, and richness of Indian heritage.
- The handloom and handicraft industry has been the backbone of India's rural economy for decades.
- India produces woodware, artmetal wares, handprinted textiles, embroidered goods, zari goods, imitation jewellery, sculptures, pottery, glassware, attars, agarbattis, etc.



## 15 STATES & UTS CATEGORISED AS ACHIEVERS IN LI CHART 2022



### Why in News?

Recently, commerce and industry ministry on 13rd October 2022 release a report for logistic index chart 2022.

### KEY POINTS

- The index is an indicator of the efficiency of logistical services necessary for promoting exports and economic growth.
- The report ranks the states on the basis of their logistics ecosystem, highlights the key logistics-related challenges faced by the stakeholders and includes suggestive recommendations, according to the fourth LEADS (Logistics Ease Across Different States) 2022 report.
- Andhra Pradesh, Assam, Gujarat, Chandigarh, Delhi, Haryana, Himachal Pradesh, Karnataka, Maharashtra, Odisha, Punjab, Tamil Nadu, Telangana, Uttar Pradesh, and Uttarakhand are among the 15 states and UTs categorized as achievers in the logistics index chart 2022
- Aspirers categories include Bihar, Chhattisgarh, Goa, Mizoram, Andaman and Nicobar Island, Lakshadweep, Ladakh, Nagaland, Jammu and Kashmir, Arunachal Pradesh.
- Kerala, Madhya Pradesh, Rajasthan, Puducherry, Sikkim and Tripura are the other states categorised as fast movers in the ranking.

## PRADHAN MANTRI KISAN SAMMAN NIDHI (PM-KISAN)



### KEY POINTS

- PM Narendra Modi releases the 12th instalment of Rs. 16,000 crores under the Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) through Direct Benefit Transfer.
- Under the scheme, an amount of ₹6000 per year is released in four-month instalments of ₹2000 each directly into the bank accounts of the beneficiaries.
- The Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) scheme was launched in 2019.
- The scheme aims to provide income support to all landholder farmer families across the country with cultivable land subject to certain exclusions.
- PM also inaugurated 600 'Pradhan Mantri Kisan Samruddhi Kendras' (PMKSK) under the Ministry of Chemicals & Fertilizers. Under this scheme, more than 3.3 lakh retail fertilizer shops in the country will be converted into PMKSK in a phased manner.
- The Scheme initially provided income support to all small and Marginal Farmers' families across the country, holding cultivable land up to 2 hectares. Its ambit was later expanded to cover all farmer families in the country irrespective of the size of their land holdings.

## INDIA'S FIRST ALUMINIUM FREIGHT RAKE



## Why in News?

India's First Aluminium Freight Rake named - 61 BOBRNALHSM1 at Bhubaneswar Railway Station.

## KEY POINTS

- Union Minister of Railways Ashwini Vaishnaw inaugurated India's First Aluminium Freight Rake (61 BOBRNALHSM1) at Bhubaneswar Railway Station in Odisha.
- India's first aluminium freight rake introduced by Hindalco for Indian Railways and the rake's destination is Bilaspur.
- It is also the first-time aluminium rake that has been manufactured in India with the property of fully lock-bolted construction with no welding on the superstructure.
- The aluminium-made rakes are 180 tonnes lighter than existing steel rakes; they can carry 5-10 per cent more load and consume less energy.
- These new 61 wagon rake saves around 14500 tonnes of CO2 Emissions and it has more capacity, consumes less energy, and are corrosion resistant.
- They are 100% recyclable this will enable us achieve climate goals as well.
- It is estimated that for every 100 kg weight reduction of the wagon, the CO2 saving is 8-10 tonnes.

## MOU TO DEVELOP 1000 MW OF FLOATING SOLAR POWER PLANTS IN ASSAM



## KEY POINTS

- A memorandum of understanding (MoU) has been signed between Satluj Jal Vidyut Nigam SJVN Green Energy Limited (SGEL) and Assam Power Distribution Company Limited (APDCL) in Guwahati.
- The deal stipulates that the two companies will form a joint venture company to develop 1000 MW of floating solar power plants in Assam.
- The project will produce 2192 million units with the investment of Rs.6000 crores in Assam to build the project.

- A total of approximately 50,425 million units of energy will be produced over the course of 25 years.
- An investment of Rs 6,000 crore will be made by the SJVN for developing the project.
- During the construction and operation stages, approximately 4,000 persons will get direct and indirect employment.
- Carbon emissions' reduction to the tune of 1,07,383 tonne for first year and 24,70,732 tonne for complete life span will be achieved from this project.

## RELOCATION OF A TIGER FROM THE RTR TO THE SARISKA TIGER RESERVE



### Why in News?

Recently, The relocation of a tiger from the Ranthambore Tiger Reserve to the Sariska Tiger Reserve took place on 16<sup>th</sup> October 2022

### KEY POINTS

- It aims at increasing the tiger population in Sariska
- There have been several attempts to relocate tigers to Sariska, and a total of nine tigers have been relocated from RTR
- Currently, there are 24 tigers in the reserve, which include 10 females, seven males and seven cubs.

### Reason for relocation?

- The majority of big cats in Sariska have aged and there were 24 tigers comprising 7 males, 10 females, and 7 cubs. Three Tigress ST-10, ST-12, and ST-22 are currently mobile in the northern section of the STR aloof with no male tiger with them hence, Sariska needs at least one male and two female breeding tigers relocated as part of the solution

### Sariska Tiger Reserve:

- Sariska Tiger Reserve is a tiger reserve in Alwar district, Rajasthan, India.
- It stretches over an area of 881 km<sup>2</sup> (340 sq mi) comprising scrub-thorn arid forests, dry deciduous forests, grasslands, and rocky hills.
- It was given the status of a tiger reserve making it a part of India's Project Tiger in 1978.
- It is the first reserve in the world with successfully relocated tigers.
- It is an important biodiversity area in the Northern Aravalli leopard and wildlife corridor.

### RAILWAYS SHUT DOWN COFMOW



### KEY POINTS

- The Ministry of Railways on announced the closure of the Central Organisation for Modernisation of Workshops (COFMOW), New Delhi, with effect from December 1, 2022.
- With the announcement on the closure, COFMOW was barred from floating or opening of tenders with immediate effect.
- The COFMOW successfully helped in the modernisation of Production Units and Workshops across the Indian Railways since 1979.
- The closure of COFMOW is happened as a part of finance ministry recommendation on Rationalization of government bodies

### ASIA'S LARGEST BIOGAS PLANT





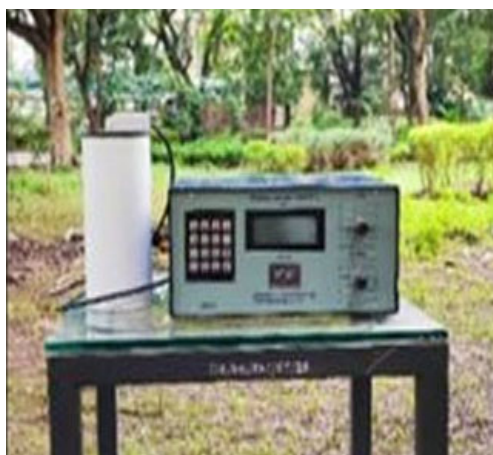
## Why in News?

Asia's largest Compressed Bio Gas (CBG) plant inaugurated in Lehragaga, Sangrur, Punjab by Union Minister of Petroleum & Natural Gas and Housing & Urban Affairs Shri Hardeep S. Puri.

## KEY POINTS

- The Plant has been commissioned with an FDI investment of Rs. 220 crores.
- The scheme aims to empower and unleash the rural economy by supporting farmers, increase India's domestic energy production and self-sufficiency and also reduce the air pollution, and help India lead the world toward a clean energy transition.
- Apart from this plant, 38 CBG / Biogas Plants have been commissioned under the Sustainable Alternative Towards Affordable Transportation (SATAT) initiative.
- This will help India meet its COP26 climate change targets of reducing total projected carbon emissions by one billion tons from now to 2030 and achieving the goal of net zero emissions by 2070.

## INDIA'S 1<sup>ST</sup> OVERHAUSER MAGNETOMETER



## KEY POINTS

- Indian scientists have developed an Overhauser Magnetometer it is one of the most accurate magnetometers extensively used by all magnetic observatories around the world.
- The main purpose of making overhauser magnetometer for reducing the cost of sampling and sensing experiments essential for geomagnetic sampling.
- It has so far been imported in india for the purpose of magnetic observatories, OVH magnetometers are known for their higher accuracy, higher sensitivity, and efficient power consumption and hence find applications in worldwide as well as in international space programs also.

- In order to reduce dependence on imports, the Indian Institute of Geomagnetism (IIG), an autonomous research institution under DST, Government of India, has developed the magnetometer as part of its technology development program.
- The sensor installed at Alibag Magnetic Observatory (MO) can reduce India's dependence on commercial OVH magnetometers for performing geomagnetic field measurements.

## TERAI ELEPHANT RESERVE



## KEY POINTS

- The Centre has approved setting up Terai Elephant Reserve (TER) at Dudhwa-Pilibhit in Uttar Pradesh.
- This Reserve will be India's 33<sup>rd</sup> Elephant Reserve and 2<sup>nd</sup> Elephant Reserve in Uttar Pradesh.
- The first elephant reserve in Uttar Pradesh was notified in Shivalik in Saharanpur and Bijnor districts in 2009.
- "Elephant reserve in Terai region assumed much more significance as it was located on India-Nepal border where trans-national migration of wild tuskers was a routine, giving rise to man-elephant conflicts."
- The Elephant Reserve also includes protected areas, forest areas, and corridors for the conservation of wild elephants.
- It will be in the joint forest regions of Dudhwa and Pilibhit tiger reserves that are involved in the conservation of tiger, Asian elephant, swamp deer and one-horned rhinoceros

## INTERNATION ISSUES

### UNESCO RELEASED A LIST OF 50 EXCLUSIVE AND ICONIC HERITAGE TEXTILE CRAFTS



#### KEY POINTS

#### UNESCO launched a list documenting 50 iconic Indian textile craft:

- The Report titled as Handmade for the 21st Century: Safeguarding Traditional Indian Textile.
- Toda embroidery and Sungudi from Tamil Nadu
- Himroo weaves from Hyderabad
- Himroo from Maharashtra
- Bandha tie and dye weaving from sambhalpur in Odisha
- Kunbi weaves from Goa
- Mashru weaves and Patola from Gujarat
- Garad- Korial from West Bengal
- Ilkal and Lambadi or Banjara embroidery from Karnataka
- Sikalnayakanpet Kalamkari from Tamil Nadu
- Awadh jamdani from Varanasi
- Khes from Haryana
- Thigma or wool tie and dye from Ladakh
- Chamba rumals from Himanchal Pradesh

#### List by UNESCO:

- The Representative List of the Intangible Cultural Heritage of Humanity – Includes cultural practices and expressions that assist to highlight the variety of this heritage and raise awareness of its significance

- The List of Intangible Cultural Heritage in Need of Urgent Safeguarding: it is made up of cultural aspects that concerned groups and countries consider vulnerable and in need of immediate protection.

### **JSW STEEL NEWEST PARTICIPANT OF THE UNITED NATIONS GLOBAL COMPACT (UNGC)**



#### **KEY POINTS**

- JSW Steel announced that it has joined as the newest participant of the United Nations Global Compact (UNGC) initiative - the world's largest voluntary corporate sustainability initiative.
- JSW Steel is the 5th Indian company in the 'Industrial Mining and Manufacturing' category to join the UN Global Compact Initiative.

#### **United Nations Global Compact:**

- The UN Global Compact is the world's largest corporate sustainability initiative it has more than 20,000 businesses from over 160 nations and 69 local networks participate and it holds participants to the highest sustainability standards.
- The United Nations Global Compact is a non-binding United Nations pact to encourage businesses and firms worldwide to adopt sustainable and socially responsible policies, and to report on their implementation.
- The UN Global Compact encourage companies to conduct business responsibly by aligning their operations and strategies with the UN's Ten Principles.
- The UN Global Compact is a principle-based framework for businesses, stating ten principles in the areas of human rights, labor, the environment and anti-corruption. Under the Global Compact, companies are brought together with UN agencies, labor groups and civil society.
- It is established on 26 July 2000.

- The UN Global Compact is a founding member of the United Nations Sustainable Stock Exchanges (SSE) initiative along with the Principles for Responsible Investment (PRI), the United Nations Environment Programme Finance Initiative (UNEP-FI), and the United Nations Conference on Trade and Development (UNCTAD).

## 90TH GENERAL ASSEMBLY OF INTERPOL



### KEY POINTS

- The 90th General Assembly of INTERPOL held from 18th to 21st October in New Delhi.
- The meeting was attended by delegations from 195 INTERPOL member countries comprising of Ministers, Police Chiefs of countries, Heads of National Central Bureaus and Senior police officers.
- The INTERPOL General Assembly meeting is taking place in India after a gap of about 25 years – it was last held in 1997.
- The General Assembly is INTERPOL's supreme governing body and meets once a year to take key decisions related to its functioning.
- The organization was founded in 1923 to bring international cooperation in law enforcement.
- Each country hosts an INTERPOL National Central Bureau (NCB), which links national police with global network.



## NATO ANNUAL EXERCISE STEADFAST NOON



### KEY POINTS

- The North Atlantic Treaty Organization (NATO) announced to launch its annual nuclear exercise "Steadfast Noon" with up to 60 aircraft taking part in training flights over Belgium, the North Sea and Britain to practice the use of U.S. nuclear bombs based in Europe.
- Steadfast Noon runs from October 17 to October 30 and will involve 14 countries.
- This exercise helps ensure that the alliance's nuclear deterrent remains safe, secure and effective.
- The exercise is centered at Kleine Brogel Air Base in Belgium, one of six airbases in Europe that store U.S. nuclear bombs.
- Steadfast Noon involved 14 countries (less than half of the 30 NATO allies) and up to 60 aircraft.
- That involves fourth-generation F-16s and F-15Es as well as fifth-generation F-35A and F-22 fighter jets.
- The Steadfast Noon exercise will practice a controversial arrangement known as nuclear sharing, under which the United States installs nuclear equipment on fighter jets of select non-nuclear NATO countries and train their pilots to carry out nuclear strike with U.S. nuclear bombs.

## FIJI: 1<sup>ST</sup> PASIFIC NATION TO HOST 12<sup>TH</sup> HINDI CONFERENCE



## KEY POINTS

- Fiji will be hosting the 12th World Hindi Conference next year from February 15-17, 2023,
- Fiji is the first country in the Pacific to host the prestigious event and hailed the partnership with India.
- Hindi is taught in primary and secondary schools and universities of Fiji and Fijian Hindi is enshrined in the constitution of Fiji as an official language.
- Hindi language is very popular in several countries including New Zealand, Fiji, Singapore, Mauritius, among others.
- The three-day conference would be held in the Fijian city of Nadi.
- The first World Hindi Conference was held on 10<sup>th</sup> January 1975 in Nagpur.

## INDIA-MOZAMBIQUE-TANZANIA TRILATERAL EXERCISE (IMT TRILAT)



## Why in News?

- The first edition of India-Mozambique-Tanzania Trilateral Exercise (IMT TRILAT), a joint maritime exercise among the Indian, Mozambique and Tanzanian navies commenced at Dar Es Salaam, Tanzania on 27 Oct 22.

## KEY POINTS

- This exercise came soon after the Gandhinagar Declaration which was adopted when we concluded India-Africa Defence Dialogue in Gandhinagar.
- The exercise is scheduled over a three-day period from 27 to 29 Oct 22 and includes harbour and sea phases.
- The exercise has three broad objectives: capability development to address common threats through training and sharing of best practices, enhancing interoperability, and strengthening maritime cooperation.

- Indian Navy is represented by the guided missile frigate, INS Tarkash, a Chetak helicopter and MARCOS (Special Forces).

### **HARBOUR PHASE**

- As part of the harbour phase, capability building activities such as Visit, Board, Search and Seizure; small arms training; joint diving operations; damage control and fire fighting exercises; and cross deck visits are scheduled.

### **SEA PHASE:**

- The sea phase include boat operations, fleet manoeuvres, Visit, Board, Search and Seizure operations, helicopter operations, small arms firing, formation anchoring and EEZ patrols.

## AWARDS

### SWACHH SURVEKSHAN AWARDS 2022



#### KEY POINTS

- The Swachh Survekshan survey is conducted by the ministry of housing and urban affairs every year.
- Indore remains at top of the list of the cleanest cities.
- Madhya Pradesh, Chhattisgarh and Maharashtra are among the top three performing states in the category of those with greater than 100 ULBs (Urban Local Bodies), Tripura, Jharkhand and Uttarakhand have got the top three spots in the list of states with less than 100 ULBs.
- Indore in Madhya Pradesh has bagged the cleanest city award for the sixth consecutive year.
- Surat and Navi Mumbai are at the second and third spot.
- Bhopal is also among the top 10 cleanest cities and has won an award as a “self-sustainable city”.
- India’s ‘cleanest mega city’ - with a population of more than 40 lakh - is Ahmedabad in Gujarat.
- Rajkot in the state has won an award for being a “self-sustainable city”.
- Delhi is at the ninth spot in the list of top 10 cleanest cities.
- The ULB - New Delhi - has also earned the national capital an award for “clean small city”
- In the category of cities with less than one lakh population, Maharashtra’s Panchgani is at the top.
- Chandigarh - hailed for its urban planning - is the 12th cleanest city in India, according to the survey. It has also been awarded under the “Fast moving state/ UT capital” category.

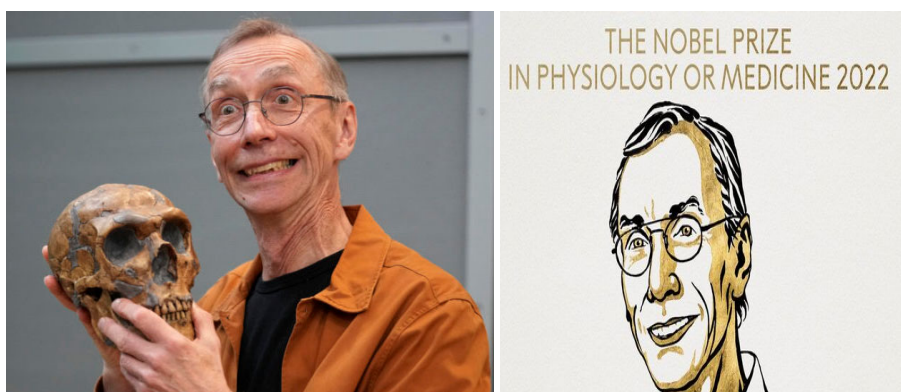
## LIFETIME ACHIEVEMENT AWARD BY US PRESIDENT



### KEY POINTS

- Indian-origin, Dr. Vivek Lall has been honoured with the Lifetime Achievement Award by US President Joe Biden with the citation of 'With Grateful Recognition'.
- Dr Vivek Lall is an industry leader and scientific community titan works as Chief Executive at General Atomics.
- General Atomics Company is a global leader in the specialized fields of nuclear technology and has developed state-of-the-art Unmanned Aerial Vehicles (UAVs) like the Predator, Reaper and Guardian drones.
- He is serving as a US Technical Team Member to the North Atlantic Treaty Organisation (NATO) Science and Technology (STO) with the Pentagon.

## NOBEL PRIZE IN MEDICINES



### KEY POINTS

- Swedish scientist Svante Pääbo has been awarded the Nobel Prize for Physiology for the year 2022 “for his discoveries concerning the genomes of extinct hominins and human evolution.



- He is the director of the department of genetics at the Max Planck Institute for Evolutionary Anthropology.
- He had also discovered that gene transfer had occurred from these now extinct hominins to Homo sapiens following the migration out of Africa some 70,000 years ago.
- Nobel prizes were established by Alfred Nobel it is awarded in medicine, physics, chemistry, Literature, and peace.

### SASTRA RAMANUJAN PRIZE FOR 2022



### KEY POINTS

- The SASTRA Ramanujan Prize for 2022 will be awarded to Yunqing Tang, Assistant Professor with the University of California, Berkeley, U.S.A.
- The award, was instituted by the Shanmugha Arts, Science, Technology & Research Academy (SASTRA) in 2005.
- It has a cash prize of \$10000 is presented annually to individuals aged 32 and below who made outstanding contributions in the field of mathematics, influenced by Srinivasa Ramanujan in a broad sense.

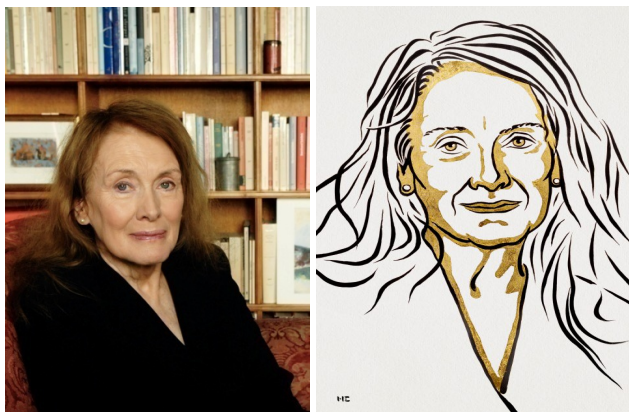
### NOBLE PRIZE IN CHEMISTRY



## KEY POINTS

- The 2022 Nobel Prize in chemistry was awarded to Carolyn R Bertozzi, Morten Meldal and K Barry Sharpless “for the development of click chemistry and bioorthogonal chemistry”, at the Royal Swedish Academy of Sciences in Stockholm
- The Nobel Prize in Chemistry 2022 is about making difficult processes easier. Barry Sharpless and Morten Meldal have laid the foundation for a functional form of chemistry – click chemistry – in which molecular building blocks snap together quickly and efficiently. Carolyn Bertozzi has taken click chemistry to a new dimension and started utilising it in living organisms.

## NOBEL PRIZE IN LITERATURE



## KEY POINTS

- The French writer Annie Ernaux has been awarded the 2022 Nobel Prize in literature.
- The 82-year-old writer is known for works that blur the line between memoir and fiction.
- The Nobel Prize in literature is awarded by the Swedish Academy, Stockholm, Sweden.
- This award is awarded her for the courage and clinical acuity with which she uncovers the roots, estrangements and collective restraints of personal memory.

## NOBEL PEACE PRIZE



## KEY POINTS

- Nobel Peace Prize Is Awarded to Russian, Ukrainian and Belarusian Activists.
- The three laureates are Memorial, a rights group in Russia; the Center for Civil Liberties in Ukraine; and Ales Bialiatski, an activist jailed in Belarus.
- The Nobel Peace Prize was awarded to human rights advocates in Russia, Ukraine and Belarus who have become symbols of resistance and accountability during the largest ground war in Europe since World War II, set off by Russia's invasion of Ukraine.

## NOBEL PRIZE FOR ECONOMICS 2022



## KEY POINTS

- Ben S. Bernanke, Douglas W. Diamond and Philip H. Dybvig won the 2022 Nobel Prize in Economics for research on banks and financial crises.
- The Sveriges Riksbank Prize in Economic Sciences is awarded in memory of Alfred Nobel.
- Alfred Nobel did not mention the economics prize in his will, the Sveriges Riksbank established the award in 1968 and the Royal Swedish Academy of Sciences was given the task of selecting the Laureates in Economic Sciences, starting in 1969.
- So far, only two women have been awarded the Nobel prize in economics.

## “SANJEEVANI - LIFESTYLE CLINIC”



### KEY POINTS

- An integrated facility named AS “Sanjeevani - Lifestyle Clinic” to provide advice on diet, exercise and behavioural counselling thereby rendering comprehensive preventive and curative care on lifestyle diseases to all serving & retired personnel and their dependents has been inaugurated at the Armed Forces Clinic, New Delhi) on 11 October 2022.
- The aim of “Sanjeevani - Lifestyle Clinic” is to sensitise Armed Forces personnel and dependents identified to be at risk, regarding lifestyle disorders, prevent and manage chronic disorders like diabetes, hypertension and obesity etc, without pharmacologic interventions by promoting a healthy lifestyle through dietary education, exercise and positive motivation.

## 2022 BOOKER PRIZE FOR FICTION



### KEY POINTS

- The Seven Moons of Maali Almeida, a metaphysical thriller by Sri Lankan author Shehan Karunatilaka, has been awarded the 2022 Booker Prize for Fiction for the novel’s “ambition of its scope, and the hilarious audacity of its narrative techniques”

- 47-year-old Karunatilaka, becomes the second Sri Lankan to win the prestigious 50,000 pounds literary prize at a ceremony in London

## SKOCH AWARD



## KEY POINTS

- West Bengal has bagged the prestigious SKOCH Award in the Women and Child Development Category for its popular Lakshmir Bhandar Scheme.

## LAKSHMIR BHANDAR SCHEME

- The West Bengal government had launched the scheme in August 2021 to provide financial support to a woman head of a family and is in the age group of 25-60 years.
- Under the scheme Rs 500 per month is being given in respect of general caste category and around Rs 1000 per month for those in the SC and ST Categories.
- The state government incurs an expenditure of around Rs 11000 crore annually to fund the scheme.

## SKOCH AWARD

- The Award instituted in 2003.
- The SKOCH Award is given to best of governance, inclusive growth, excellence in technology and applications, change management, corporate leadership, corporate governance, citizen services delivery, capacity building and empowerment among others.
- The aim is to recognize people, projects and institutions that go the extra mile to make India a better nation.



## SPORTS

### 2022 IBSF WORLD BILLIARDS CHAMPIONSHIP



#### KEY POINTS

- In billiards, India's leading cueist, Pankaj Advani claimed his 25th gold medal on the world stage winning the 2022 IBSF World Billiards Championship by outclassing compatriot Sourav Kothari 4-0 in a one-sided final to defend the title for the fifth time in a row in Kuala Lumpur.
- Pankaj Arjan Advani born 24 July 1985 is an Indian billiards and former professional snooker player.
- He is a 25-time International Billiards and Snooker Federation (IBSF) world champion.
- He has won 17 billiards world titles, the IBSF World Billiards Championship on 16 occasions and the World Team Billiards Championship once

### WADA ATHLETE BIOLOGICAL PASSPORT (ABP) SYMPOSIUM- 2022



## KEY POINTS

- The National Anti-Doping Agency (NADA) and National Dope Testing Laboratory (NDTL) are organizing the “WADA Athlete Biological Passport (ABP) Symposium- 2022” from 12th to 14th October, 2022 in New Delhi.
- This is the third WADA ABP Symposium and is being hosted in India for the first time.
- Two hundred plus participants from 56 Countries
- The first WADA ABP Symposium was hosted by the Anti-Doping Lab Qatar (ADLQ) in November 2015, in Doha, Qatar.

## SUMMITS

### CONFERENCE ON PROJECT MAUSAM JALADHIPURAYATRA



#### KEY POINTS

- The ASI organized a two-day National Conference at India Habitat Centre, New Delhi on 7th and 8th October, 2022 named as project Mausam: Jaladhipurayatra.
- Over twenty scholars from different parts of India participated in the Academic Sessions of the Conference.
- These include meteorologists, archaeologists, historians and internationally-renowned experts in the fields of climate change, underwater explorations and intangible cultural heritage.
- The Conference has brought together the industry, academia and government to discuss best practices and strategies to be adopted in manufacturing under Industry 4.0 revolution.

### 4TH HELI-INDIA SUMMIT 2022



## KEY POINTS

- Minister of Civil Aviation Shri Jyotiraditya M. Scindia inaugurated the 4th Heli-India Summit 2022.
- The 4th Heli-India Summit 2022 is inaugurated with the theme of ‘Helicopters for Last Mile Connectivity’
- During the summit he also announced 3 new projects for enhancing the helicopter sector in the country which includes HEMS and fractional ownership.

### Helicopter Emergency Medical Services (HEMS):

It is called Project Sanjeevani by deploying a helicopter in the next few weeks to provide emergency medical services at AIIMS Rishikesh.

### Fractional Ownership Model:

It helps to grow the non-scheduled operations, and it will lower the barrier on the cost of acquisition of helicopters and airplanes through pooled capital by multiple owners.

## SCIENCE AND TECHNOLOGY

### PRIME MINISTER LAUNCHES 5G SERVICES IN INDIA



#### KEY POINTS

- The Prime Minister, Shri Narendra Modi launched 5G services in India.
- He also unveiled various 5G use cases of various Telecom Service Providers in Education, Health, worker safety, smart agriculture etc.
- The 04 pillars of Digital India:
  1. Cost of Devices
  2. Digital Connectivity
  3. Cost of Data
  4. Idea of Digital First
- The 5G services in India were launched at the inaugural ceremony of India Mobile Congress (IMC 2022) which is being jointly organized by the Department of Telecommunications and Cellular Operators Association of India (COAI).
- It is launched by 5G NSA Core developed by Centre for Development of Telematics (CDoT).



## MADE IN INDIA LIGHT COMBAT HELICOPTARS



### KEY POINTS

- India witnessed the induction of the first batch of indigenously developed light combat helicopters - or LCHs named Prachand, - into the Air Force in Jodhpur in Rajasthan.
- The light combat helicopters have been developed by the Hindustan Aeronautics Limited, expanding the government's 'Make in India' initiative - or Atmanirbhar Bharat Abhiyan - to the defence sector.
- These helicopters are capable of destruction of enemy air defence, performing counter-insurgency operations, combat search and rescue tasks.
- This versatile helicopter perfectly meets the needs of our armed forces in various terrains and as such LCH is an ideal platform for both our Army and Air Force

## FRIST GREEN TECH INCUBATION CENTER



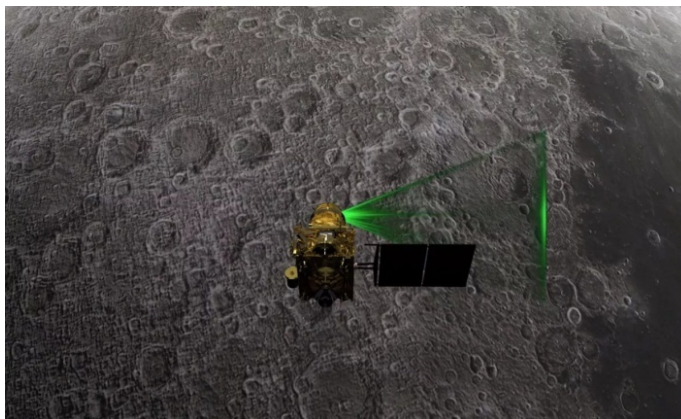
### KEY POINTS

- India's first green technology incubation facility named Greenovator Incubation Foundation will soon be opened at National Institute of Technology (NIT) Srinagar.
- Technology Business Incubation or Inclusive TBI (i-TBI) is a three-year duration initiative

supported by the Department of Science and Technology (DST) for educational institutions, idea generators, innovators and entrepreneurs to support the innovative ideas, startup initiatives and promote self-employment and job creation through incubation.

- The centre is expected to start by the end of 2023.

## CHANDRAYAAN-2 MAPS ABUNDANCE OF SODIUM ON MOON



### KEY POINTS

- The X-ray spectrometer 'CLASS' on the Chandrayaan-2 Orbiter has mapped an abundance of sodium on the moon for the first time, according to the Indian Space Research Organisation (ISRO).
- The study finds that a part of the signal could be arising from a thin veneer of sodium atoms weakly bound to the lunar grains.
- CLASS was developed at the U R Rao Satellite Centre of ISRO in Bengaluru, which offers precise signatures of sodium because of its high sensitivity
- The Chandrayaan-1 X-ray Fluorescence Spectrometer (C1XS) was used to study the sodium content of the Moon after it discovered sodium from its distinctive line in X-rays.
- The new findings from Chandrayaan-2 provide an avenue to study surface-exosphere interaction on the moon, which would aid development of similar models for mercury and other airless bodies in our solar system and beyond.

## SEVENTH EDITION OF IBSAMAR



### KEY POINTS

- INS Tarkash reached Port Grequhrea also known as Port Elizabeth in South Africa to participate in the seventh edition of IBSAMAR.
- Seventh edition of IBSAMAR is a joint multinational maritime exercise among Indian, Brazilian and South African Navies from 10 - 12 October.
- The Joint Maritime Exercise will strengthen maritime security, joint operational training, sharing of best practices and building interoperability to address common maritime threats
- The Indian Navy is represented by the Teg class guided missile frigate, INS Tarkash, a Chetak helicopter and the personnel from the Marine Commando Force (MARCOS).

## POWER-EX 2022

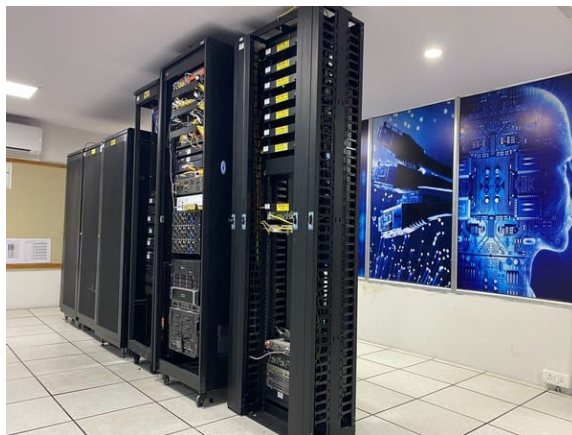


### KEY POINTS

- Indian Computer Emergency Response Team (CERT-In) in collaboration with Power-CSIRTs (Computer Security Incident Response Teams in Power sector), successfully designed & conducted the Cyber Security Exercise “PowerEX” for 193 invited Power Sector Utilities

- The Objective of the exercise was to “Recognize, Analyse & Respond to Cyber Incident in IT & OT Systems”.
- The theme of the exercise was “Defending Cyber induced disruption in IT & OT infrastructure”.

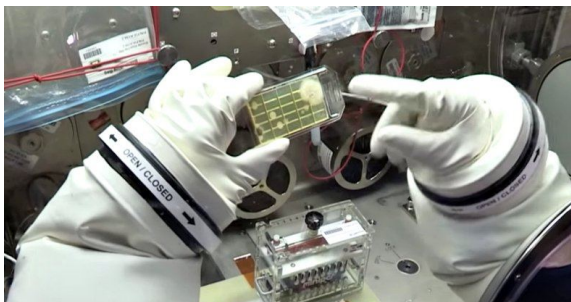
## PARAM-KAMRUPA



### KEY POINTS

- President Droupadi Murmu inaugurates the supercomputing facility Called Param-Kamrupa at IIT Guwahati.
- Param-Kamrupa, the facility will be able to conduct advanced research in various scientific fields.
- It is a state-of-the-art supercomputer set up under the National Supercomputing Mission (NSM).
- With this facility, IIT Guwahati will be able to carry out research on weather and climate, bioinformatics, computational chemistry, molecular dynamics, artificial intelligence (AI), machine learning, data science, etc.

## MICROBS ON SPACE STATION



### KEY POINTS

- Researchers from Indian Institute of Technology, Madras (IIT-M), and NASA Jet Propulsion Laboratory (JPL) have studied interactions between pathogens found in the International Space Station (ISS) to help protect the health of astronauts.

- This bacterial family includes members like E. coli, Salmonella, etc., which are also present in the human gut.
- This bacterial family was found to be the most beneficial among the other microbes present on the ISS.

## SIMBEX 2022



## KEY POINTS

- The Indian Navy is hosting the 29th edition of the Singapore-India Maritime Bilateral Exercise (SIMBEX) from 26 to 30 October, 2022 at Visakhapatnam.
- SIMBEX-2022 is being conducted in two phases – Harbour Phase at Visakhapatnam from 26 to 27 October 2022 followed by the Sea Phase in Bay of Bengal from 28 to 30 October 2022.
- Two ships from Republic of Singapore Navy, RSS Stalwart (a Formidable Class Frigate) and RSS Vigilance (a Victory Class Corvette) arrived Visakhapatnam on 25 October 2022 for participation in the exercise.
- SIMBEX series of exercises began in 1994 and were initially known as Exercise Lion King.



## TEST OF A CE-20 ENGINE



### KEY POINTS

- The Indian Space Research Organization (ISRO) has successfully carried out the flight acceptance hot test of a CE-20 engine for duration of 25 seconds in its high altitude test facility Mahendragiri in Tamil Nadu.
- This engine is assigned for the LVM3-M3 Mission identified for launching the next 36 OneWeb India-1 satellites.
- LVM3 (Launch Vehicle Mark 3), ISRO's heaviest rocket is capable of launching a four ton class of satellite to Geosynchronous Transfer orbit and it is a three stage vehicle with two solid motor strap-ons, a liquid propellant core stage and a cryogenic.

## C-295 MW TRANSPORT AIRCRAFT



### KEY POINTS

- Prime Minister Narendra Modi lay the foundation stone to C295 Transport Aircraft for IAF Vadodara facility on October 30 in Vadodara.
- In September 2021, the Cabinet Committee on Security approved the procurement of 56 C-295MW transport aircraft from Airbus Defence and Space SA.

- 16 aircraft will be delivered in flyaway condition and 40 will be manufactured in India by the Indian aircraft contractor, Tata consortium of Tata Advanced Systems Limited (TASL) and Tata Consultancy Services (TCS) led by TASL
- “The first 16 flyaway aircraft are scheduled to be received between September 2023 and August 2025. The first Made-in-India aircraft is expected in September 2026.
- The aircraft will be able to operate from Advanced Landing Grounds (ALGs) and even unprepared runways, and it can carry around 40-45 paratroopers or around 70 passengers.

## GARUDA VII



### Why in News?

- The Indian Air Force and the French Air and Space Force (FASF) from 26<sup>th</sup> October to 12<sup>th</sup> November are participating in a bilateral exercise named as Garuda VII at Jodhpur Air Force Station.

### KEY POINTS

- The seventh edition of the bilateral air exercise between the Indian Air Force (IAF) and the French Air and Space Force (FASF), 'Exercise Garuda-VII' will concluded at Air Force Station, Jodhpur on 12 November 2022.
- It provides a unique opportunity for both air forces to learn each others best practices during operations and it also highlighted the growing interoperability between the two air forces.
- It includes four Rafale fighters and one A-330 Multi role tanker transport aircraft from the French side.
- The FASF participated in the exercise with Rafale fighter aircraft and A-330 Multi Role Tanker Transport (MRTT) aircraft, while the IAF contingent comprised Su-30 MKI, Rafale, LCA 'Tejas' and Jaguar fighter aircraft. This fighter element was complemented by the IAF's Flight Refuelling Aircraft, AWACS and AEW&C, as well as Mi-17 helicopters and the newly inducted LCH 'Prachanda

## REPORTS

### EDUCATION 4.0 REPORT



#### KEY POINTS

- Education 4.0 India initiatives, the World Economic Forum has launched a new Education 4.0 India Report on how digital and other technologies can address learning gaps and make education accessible to all.
- The Education 4.0 India report is the result of collaboration between the World Economic Forum, the United Nations Children's Education Fund (UNICEF) and YuWaah (Generation Unlimited India).
- One KPMG assessment showed that India is the second largest market for online education after the US.
- The information was published under Education 4.0 India initiative, launched in May 2020 and has convened over 40 partners from the education technology, government, academic and start-up communities.

## GLOBAL HUNGER INDEX REPORT IRRESPONSIBLE, MISCHIEVOUS

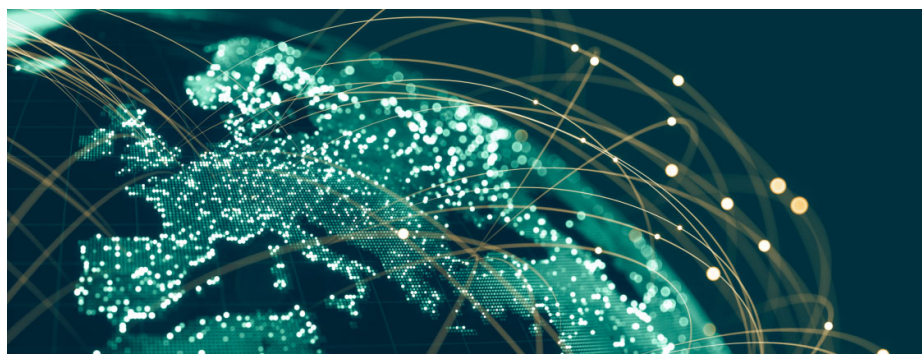


### KEY POINTS

- The Swadeshi Jagran Manch (SJM) on October 16 termed the 2022 Global Hunger Index report “irresponsible and mischievous” and urged the Union Government to take action against its publishers for “defaming” India.
- India was ranked 107 out of 121 countries in the Global Hunger Index 2022, much behind its South Asia neighbours, with the child wasting rate at 19.3%, the highest in the world.
- The total food grain production in India in the year 2021-22 is 3,160 lakh tonnes, which is 227 kg per capita.
- Union Government has been running the world's largest food security programme, in which not only free food, but grains and pulses too are being distributed to 80 crore countrymen for the last 28 months.
- Supplementary nutrition has also been provided to about 7.71 crore children and 1.78 crore pregnant women and lactating mothers under Anganwadi services, by 14 lakh Anganwadis.
- GHI scores are based on the values of four component indicators – undernourishment, child stunting, child wasting, child mortality.
- Neighbouring Pakistan, Sri Lanka, Bangladesh, Nepal, and Myanmar have been ranked 99, 64, 84, 81, and 71 respectively.



## GLOBAL INTERNET FREEDOM



### KEY POINTS

- India's Internet freedom score improved by two points to 51 in the global ranking following efforts to bridge the digital divide in the country.
- The improvement in the score is also based on reduced frequency and intensity of internet shutdowns in the country.
- India's score was 49 in Internet Freedom in 2021.
- The report claimed that China was the world's worst environment for internet freedom for the eighth consecutive year and internet freedom in the United States improved marginally for the first time in six years.

## GLOBAL MULTIDIMENSIONAL POVERTY INDEX (MPI) 2022



### KEY POINTS

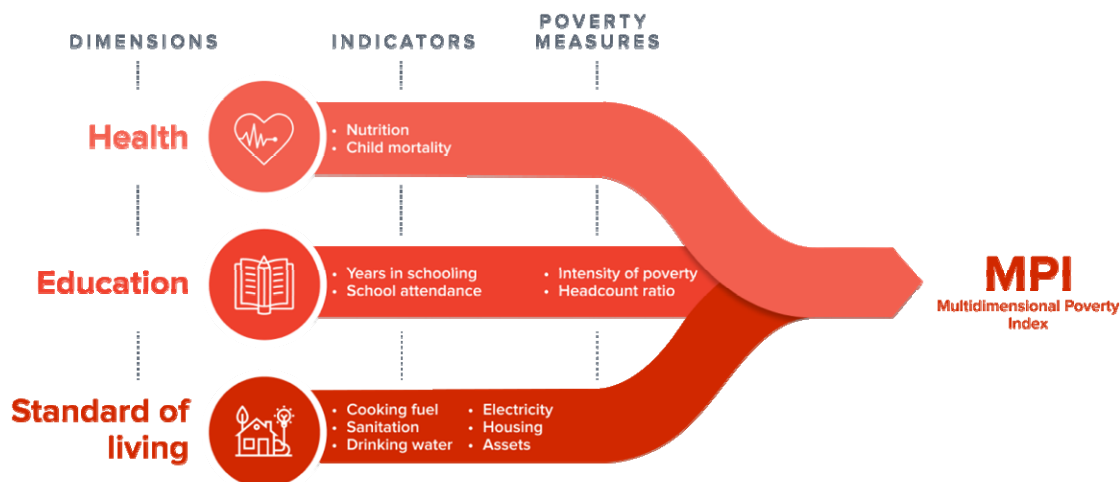
- The Global Multidimensional Poverty Index (MPI) 2022 was released by the United Nations Development Programme (UNDP) and the Oxford Poverty and Human Development Initiative (OPHI).
- GMPI-2022 is a poverty measure that reflects the multiple deprivations that poor people face in education, health and living standards.



- The report identifies a series of 'deprivation bundles' -- recurring patterns of poverty -- that commonly impact those who live in multidimensional poverty across the world.
- The data are used to identify the poverty profiles that are more common in certain places. This is a crucial step in designing strategies that address multiple aspects of poverty at the same time.
- Even before the COVID-19 pandemic and the current cost-of-living crisis are accounted for, the data shows that 1.2 billion people in 111 developing countries are living in acute multidimensional poverty.
- Around half of poor people 593 million are children under age 18 years.

### The Global Multidimensional Poverty Index:

The global multidimensional poverty index is measure under three dimensions of poverty and ten indicators.



### INDIA:

- The MPI value and incidence of poverty fell from 0.283 in 2005-06 to 0.122 in 2015-16. The figure dropped again to 0.069 in 2019-21.
- India is the only country in south asia where poverty is higher among female headed households 19-7% than male headed households 15-9%.
- The incidence of poverty declined from 55.1 % to 16.4 % over the past 15 years.
- Bihar, the poorest state in 2015-16, saw the fastest reduction in MPI value in absolute terms.
- The percentage of poor in Bihar fell from 77.4% in 2005-06 to 52.4% in 2015-16 and further to 34.7% in 2019-21.
- The rest Bihar, Jharkhand, Meghalaya, Madhya Pradesh, Uttar Pradesh, Assam, Odisha, Chhattisgarh and Rajasthan remain among the 10 Poorest.

- The fastest reduction in relative terms was in Goa, Jammu and Kashmir, Andhra Pradesh, Chhattisgarh and Rajasthan across the Indian states and Union Territories.

## PUBLIC AFFAIRS INDEX 2022



### KEY POINTS

- Haryana has emerged as the best-governed among 18 big states of the country, according to the Public Affairs Index 2022 prepared by a Bengaluru-based think tank.
- Haryana has topped among the major states followed by Tamil Nadu, Kerala, Chhattisgarh, Punjab and Karnataka
- PAI 2022, the analysis of governance experiences a shift from the framework of Sustainable Development Goals (SDGs) to a constitutionally enshrined principle of justice.
- Sikkim has retained its position as the best-governed small state in India.

## STATISTA REPORT

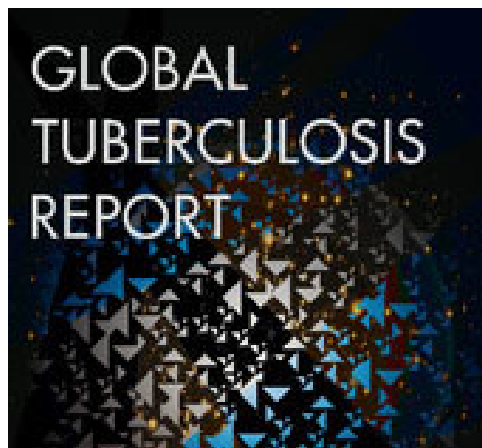


### KEY POINTS

- India's ministry of Defence is world's biggest employer with 2.92 million people which includes combined active service personnel, reservists and civilian staff, according to a report in Statista.

- A close second to the Indian Defence Ministry is the US Department of Defense which employs 2.91 million people, according to the Statista infographic on employers with the largest workforces worldwide in 2022.
- Statista is a Germany-based private organisation that provides data and statistics about various issues worldwide.

## WHO GLOBAL TB REPORT 2022

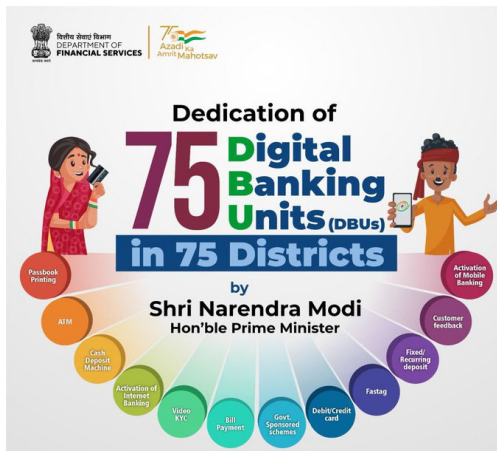


### KEY POINTS

- The WHO released the Global TB Report 2022 on October 27, 2022.
- The WHO Global Tuberculosis Report 2022 provides a comprehensive and up-to-date assessment of the TB epidemic, and of progress in prevention, diagnosis and treatment of the disease, at global, regional and country levels.
- According to the report, 21.4 Lakh TB cases notified in India in 2021, 18% higher than 2020. Over 22 crore people screened for TB in 2021 across the country for early detection and treatment of TB.
- Under the new initiative Pradhan Mantri TB Mukht Bharat Abhiyan, more than 40,000 Nikshay Mitra supporting over 10.45 Lakh TB patients all over the country.

## ECONOMIC SCENARIO

### 75 DIGITAL BANKING UNITS (DBUS)



### KEY POINTS

- Prime Minister Shri Narendra Modi dedicated 75 Digital Banking Units (DBUs) to the nation on 16th October.
- The DBUs are being set up with an objective to ensure benefits of digital banking reach every nook and corner of the country and will cover all the States and Union territories. 11 Public Sector Banks, 12 Private Sector Banks and one Small Finance Bank are participating in the endeavour.
- DBUs will provide a variety of digital banking facilities to people such as opening of savings account, balance-check, print passbook, transfer of funds, investment in fixed deposits, loan applications, stop-payment instructions for cheques issued, apply for credit / debit cards, view statement of account, pay taxes, pay bills, make nominations, etc.
- DBUs will enable customers to have cost effective, convenient access and enhanced digital experience of banking products and services all round the year.
- They will spread Digital Financial Literacy and special emphasis will be given to customer education on cyber security awareness and safeguards

**SAMRIDDHI 2022-23****KEY POINTS**

- Delhi Lieutenant Governor Vinai Kumar Saxena launched a one time property tax amnesty scheme SAMRIDDHI 2022-23.
- SAMRIDDHI is an acronym for Strengthening and Augmentation of Municipal Revenue for Infrastructure Development in Delhi it started on 26<sup>th</sup> October and ends at 31<sup>st</sup> March 2023 with no further extensions.
- Under the scheme residential property owners can pay just the principal property tax amount of the current and of the past five years
- For commercial property owners can pay the principal amount case of the last six years and get a waiver on the past pending dues, including penalty and interest



## PERSONS IN NEWS

### NEW DIRECTOR GENERAL OF CRPF



#### KEY POINTS

- Senior Indian Police Service Officer Sujoy Lal Thaosen appointed as New Director General of Central Reserve Police Force
- Sujoy Lal Thaosen is a 1988-batch officer of the Madhya Pradesh cadre and is currently working as the director general (DG) of the border guarding force Sashastra Seema Bal (SSB) and holding the additional charge of the Indo-Tibetan Border Police (ITBP).
- He is 37th Director General of Central Reserve Police Force (CRPF), the largest Central armed police force mandated to provide internal security in the country

### VICE-PRESIDENT OF THE INTERNATIONAL ASTRONAUTICAL FEDERATION



#### KEY POINTS

- Senior ISRO Scientist A K Anil Kumar has been elected the vice-president of the International Astronautical Federation.

- Anil Kumar is currently working as associate director of ISRO Telemetry, Tracking and Command Network (ISTRAC) in Bengaluru.
- International Astronautical Federation (IAF) is founded in 1951 and it is leading space advocacy body in the world with 433 members in 72 nations.

## DEPUTY ELECTION COMMISSIONER



## KEY POINTS

- Senior bureaucrat Ajay Bhadoo has been appointed as the Deputy Election Commissioner.
- He is a 1999 batch Indian Administrative Service (IAS) officer of Gujarat cadre, has been appointed to the post up to July 24, 2024.
- Appointment of Ajay Bhadoo as Deputy Election Commissioner, Election Commission of India, from the date of assumption of the charge of the post, for an overall tenure of five years up to 24/07/2024 or until further orders, which is earlier.

**DIRECTOR GENERAL ORDNANCE (C&S)****KEY POINTS**

- Sanjeev Kishore, a 1985 batch officer of the Indian Ordnance Factory Service (IOFS), has taken over as the director general ordnance (C&S).
- Sanjeev Kishore has taken over as the Director General of the Indian Ordnance Factory with effect from 01-10-2022 upon the superannuation of M K Grag.
- Shri Kishore has served in diverse roles and in varied technological environments.
- He has been awarded Santu Sahaney Memorial Shield and Ayudh Bhushan award for his meritorious services for enhancing defence production.

**SECRETARY OF THE SCIENCE AND ENGINEERING RESEARCH BOARD****KEY POINTS**

- Dr Akhilesh Gupta, Senior Adviser at the Department of Science and Technology (DST) assumed additional charge of Secretary of the Science and Engineering Research Board (SERB).
- He is a Fellow of Indian National Academy of Engineering (FNAE), Indian Meteorological Society (FIMS) and Association of Agro-meteorologists (FAAM).
- Science and Engineering Research Board is a statutory body under the Department of Science and Technology, Government of India, established by an Act of the Parliament of India in 2009.

## CHIEF JUSTICE OF INDIA



### KEY POINTS

- Union Justice Dhananjaya Y Chandrachud, the second senior judge of the Supreme Court of India has been appointed as the next Chief Justice of India by the President of India Droupadi Murmu.
- Justice Chandrachud will succeed current CJI UU Lalit on 9 November 2022.
- The senior-most judge of the Supreme Court of India Justice D Y Chandrachud has become the 50th head of the Judiciary of the country.
- He will have a tenure till November 10, 2024.
- Justice Chandrachud's father Justice YV Chandrachud was the 16th Chief Justice of India serving from February 2, 1978, to July 11, 1985.

## AMBASSADOR OF INDIA TO THE SLOVAK REPUBLIC APPOINTED



### KEY POINTS

- Apoorva Srivastava presently Consul General, Consulate General of India, Toronto, has been appointed as the next Ambassador of India to the Slovak Republic.
- Slovak Republic is a landlocked country in Central Europe and it is bordered by Poland to the north, Ukraine to the east, Hungary to the south, Austria to the southwest, and the Czech Republic to the northwest.

- Slovakia is a member of the European Union, the Eurozone, the Schengen Area, the United Nations, NATO, CERN, the OECD, the WTO, the Council of Europe, the Visegrád Group, and the OSCE.

### **NCPOR DIRECTOR**



### **KEY POINTS**

- The Appointments Committee of the Cabinet has approved the proposal for the appointment of Dr. Thamban Meloth, Scientist G', NCPOR to the post of Director, National Centre for Polar and Ocean Research (NCPOR), Goa.
- Union Government has been running the world's largest food security programme, in which not only free food, but grains and pulses too are being distributed to 80 crore countrymen for the last 28 months.

### **CHAIR OF C20**



### **KEY POINTS**

- The Government of India has appointed Mata Amritanandamayi as the Chair of Civil 20 (C20), an official engagement group of the G20.



- The G20 members consist of 19 countries plus the European Union and C20 is its platform for civil-society organisations (CSOs) to bring forth non-government and non-business voices to the G20 leaders.
- India will assume the Presidency of the G20 for one year from December 1, 2022 to November 30, 2023 and the G20 Leaders' Summit will take place in New Delhi.

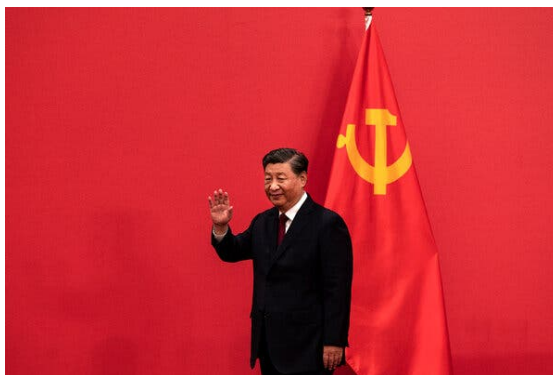
### CHAIRPERSON FOR UN AIR TRANSPORT COMMITTEE



### KEY POINTS

- Shefali Juneja India's representative to the international civil aviation organization elected as chairperson of the UN specialized aviation agency's Air Transport Committee.
- Air Transport Committee is the standing committee of ICAO created by Chicago Convention in 1944.
- According to Article 54 d) of the Chicago Convention, the Council appoints and defines the duties of an ATC, which is chosen from among the representatives of the members of the Council.
- India is set to emerge as the third largest aviation market globally by 2025. The country's representative has held this position twice in the 78 years of ICAO's existence, in 1987 and 1994.
- "It is the most important committee (of ICAO), as it decides on standards in air transport policies.

## CHINA'S XI CLINCHES THIRD TERM



### KEY POINTS

- Chinese leader Xi Jinping began his unprecedented third five-year term on October 23, 2022 in even firmer control of the ruling Communist Party after filling the newly announced Politburo Standing Committee (PBSC) with all of his allies.
- Xi Jinping is the 69-year-old was re-elected as general secretary of the Communist Party, paving the way for him to secure a third term as Chinese president at the government's annual legislative sessions next March.
- His third term is being dubbed a return to one man rule after a period of more collegial decision making

## IMPORTANT DAYS

### WORLD HABITAT DAY



#### KEY POINTS

- This year 2022 World Habitat Day is on 3<sup>rd</sup> October 2022.
- The United Nations observes the first Monday of October as World Habitat Day.
- 2022 theme is Mind the Gap. Leave No One and Place Behind.
- The United Nations in 1985 declared that the first Monday of October every year as will observed as World Habitat Day.

### WORLD SPACE WEEK



#### KEY POINTS

- World Space Week is observing from 4 October to 10 October 2022.
- The World Space Week 2022 theme is “Space and Sustainability” focusing on achieving sustainability in space and achieving sustainability from space.

- On 6 December 1999, the General Assembly proclaimed World Space Week, to celebrate the contributions of space science and technology to the betterment of the human condition.

## WORLD COTTON DAY



### KEY POINTS

- World Cotton Day is observed from on 7<sup>th</sup> October 2022.
- The World Cotton Day theme 2022 is ‘Weaving a better future for Cotton’.
- The objective of this global celebration is to raise the visibility of the cotton sector and awareness of the critical role that it plays in economic development, international trade and poverty alleviation.
- World Cotton Day was first launched on October 7, 2019, following an initiative by the Cotton Four countries (C-4): Benin, Burkina Faso, Chad, and Mali.

## WORLD MIGRATORY BIRD DAY



### KEY POINTS

- World Migratory Bird Day is observed on 8<sup>th</sup> October 2022.
- Since its creation in 2006, World Migratory Bird Day has been commemorated twice a year.
- It is supposed to be celebrated on the second Saturday of May and the second Saturday of October.
- The only goal of World Migratory Bird Day is to protect the ecosystems used by migratory birds for breeding, non-breeding, and stopover while maintaining a healthy bird population.

## INDIAN AIRFORCE DAY



### KEY POINTS

- Indian Air Force Day is celebrated on October 8 every year.
- ‘Bharatiya Vayu Sena’, the IAF was officially established on October 8, 1932, by the British Empire.
- The President of India holds the rank of Supreme Commander of the air force. The Chief of Air Staff, an air chief marshal is responsible for the operational command of the air force.
- IAF ranks as the fourth largest operational air force in the world



- Motto of the Indian Air Force is Touch the Sky with Glory and it was taken from eleventh chapter of the Bhagavad Gita.

## **CYBER JAAGRUKTA DIWAS**



### **KEY POINTS**

- It is observed on first Wednesday of every month.
- Indian Renewable Energy Development Agency Ltd. (IREDA) observed the "Cyber Jaagrukta Diwas"
- Cyber Jaagrukta Diwas is an initiative launched by the Ministry of Home Affairs that requires all government organizations to spread cybersecurity awareness.
- The purpose is to create awareness and sensitize the Internet users on safeguarding against cyber frauds and cybercrimes.

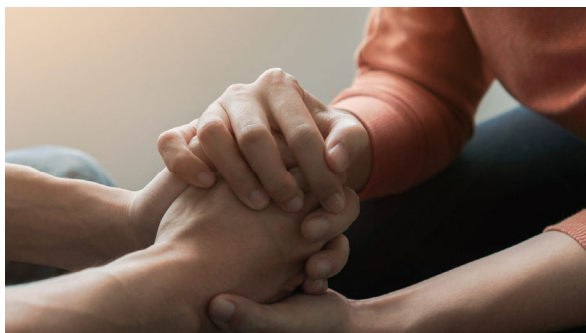
## **INDIAN FOREIGN SERVICE DAY**



### **KEY POINTS**

- Indian Foreign Service Day is observed on 9<sup>th</sup> October 2022.
- On 9 October 1946, the Indian government established the Indian Foreign Service for India's diplomatic, consular and commercial representation overseas

## WORLD MENTAL HEALTH DAY



### KEY POINTS

- World Mental Health Day is on 10<sup>th</sup> October 2022.
- WHO will work with partners to launch a campaign around the theme of Making Mental Health & Well-Being for All a Global Priority
- World Mental Health Day was observed for the first time on 10<sup>th</sup> October 1992.
- On the Occasion of Mental Health day Union Ministry of Health and Family establishing a new milestone in the field of mental health Tele Mental Health Assistance and Networking Across States (Tele-MANAS) initiative.
- It's a 24X7 Tele-mental Health Services available on Toll Free Number-14416.

## INTERNATIONAL DAY OF THE GIRL CHILD



### KEY POINTS

- International Day of the girl child is on 11<sup>th</sup> October 2022.
- Theme for 2022 is "Our time is now—our rights, our future"
- In December 2011, the United Nations General Assembly inaugurated October 11, 2012 as the first year to celebrate the day.
- The day aims at to draw attention to challenges and needs of girls around the world and promote their empowerment.

## INTERNATIONAL DAY FOR DISASTER RISK REDUCTION



### KEY POINTS

- International Day for Disaster Reduction is on 13<sup>th</sup> October 2022.
- This year the International Day will focus on Target G of the Sendai Framework: Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to people by 2030.
- The International Day for Disaster Risk Reduction was started in 1989 after a call by the United Nations General Assembly for a day to promote a global culture of risk-awareness and disaster reduction.

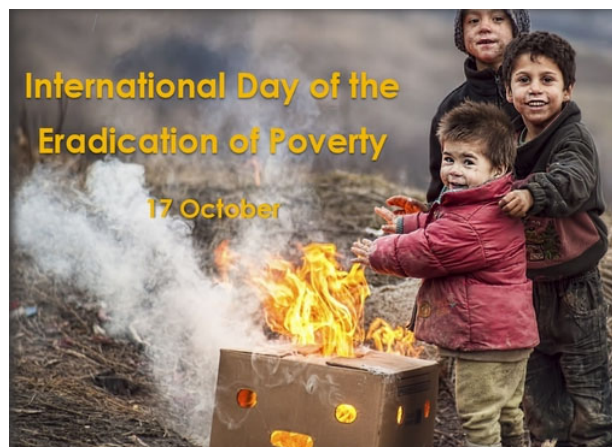
## INTERNATIONAL E-WASTE DAY



### KEY POINTS

- International E-Waste day is on 14<sup>th</sup> October 2022.
- The theme for International E-Waste day 2022 is 'Recycle it all, no matter how small'
- International E-Waste Day was developed in 2018 by the Waste Electrical and Electronic Equipment recycling (WEEE) Forum to raise the public profile of waste electrical and electronic equipment recycling and encourage consumers to recycle.

## INTERNATIONAL DAY FOR THE ERADICATION OF POVERTY



### KEY POINTS

- International Day for the eradication of poverty is on 17<sup>th</sup> October 2022.
- The theme for this year's event is "DIGNITY FOR ALL IN PRACTICE: The commitments we make together for social justice, peace, and the planet"
- The International Day for the Eradication of Poverty can be traced back to 17 October 1987

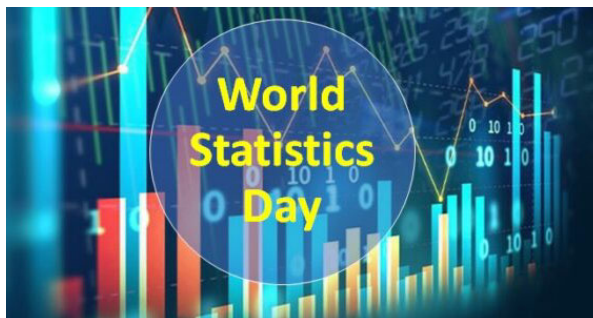
## WORLD HANDWASHING DAY



### KEY POINTS

- World Hand-Washing Day is on 18<sup>th</sup> October 2022.
- The theme for this year's event is "Unite for Universal Hand Hygiene"
- The Global Handwashing Day is an annual global advocacy day dedicated to advocating for handwashing with soap as an easy, effective, and affordable way to prevent diseases and save lives.
- The first Global Handwashing Day was held in 2008

## WORLD STATISTICS DAY 2022



### KEY POINTS

- World Statistics Day is being observed on October 20.
- The day was designated in 2010 by the United Nations Statistical Commission to put light on the importance of statistics and the significance of academic research on the development of business and civil society.
- The theme of Statistics Day, 2022 is “Data for Sustainable Development”.

## WORLD OSTEOPOROSIS DAY



### KEY POINTS

- World Osteoporosis Day is on 20 October.
- This year 2022 the World Osteoporosis Day theme is “Step Up For Bone Health”.
- Osteoporosis causes bones to become weak and fragile, so that they break easily – even as a result of a minor fall, a bump, a sneeze, or a sudden movement. Fractures caused by osteoporosis can be life-threatening and a major cause of pain and long-term disability.
- Worldwide, one in three women and one in five men aged 50 years and over will suffer an osteoporotic fracture.



## POLICE COMMEMORATION DAY



### KEY POINTS

- October 21 is observed as Police Commemoration Day.
- It is a day that is commemorated to honour the ten CRPF personnel who lost their lives in serving the nation from external tensions during the Chinese firing in 1959.
- Ten Indian policemen were killed in an assault by Chinese forces in the Hot Springs area in Ladakh on October 21, 1959, after a dispute between the troops.
- This incident began on October 20, 1959, when the Central Reserve Police Force (CRPF) was responsible for guarding the 3,100-mile India-Tibet border.
- In order to keep a watch on the Indo-China border in North Eastern Ladakh, the 3rd Battalion of the CRPF dispatched three different patrols to the Hot Springs area.
- Two police officers and a porter from one of the three contingents did not return.
- A fresh contingent comprised of all available personnel and headed by DCIO Karam Singh was mobilised on October 21 to look for the missing unit.
- As the Indian forces neared a hilltop in Ladakh, the Chinese Army opened fire on them. Seven Indian police officers were captured by the Chinese, and ten were slain while on duty.
- On November 28, 1959, almost a month later, the Chinese handed over the remains of the martyred police officers to India.
- Pursuant to a decision passed at the Annual Conference of Inspectors General of Police of States and Union Territories in January 1960, October 21 is now observed as Police Commemoration Day or Martyr's Day.
- Since 2012, a procession has been organised on October 21 at the Police Memorial in Chanakyapuri, Delhi.
- On October 15, 2018, Prime Minister Narendra Modi launched the first national police museum in India in Delhi.
- The museum is managed by the Intelligence Bureau and the Central Armed Police Forces (CAPF).

## WORLD DAY FOR AUDIOVISUAL HERITAGE



### KEY POINTS

- October 27 is observed as World Day for Audiovisual Heritage.
- The World Day for Audiovisual Heritage (WDAH) is a commemoration of the adoption, in 1980 by the 21st General Conference.
- The celebration will take place from 27 October to 5 November 2022, under the theme “Enlisting documentary heritage to promote inclusive, just and peaceful societies”.

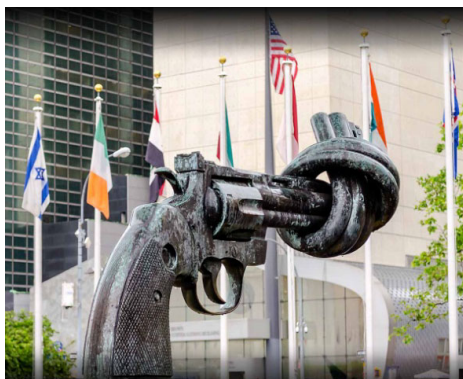
## INTERNATIONAL INTERNET DAY



### KEY POINTS

- October 29 is observed as International Internet Day.
- October 29, 1969, was the first time a message was sent electronically from one computer to another using the Internet. At the time, the Internet was known as ARPANET (Advanced Research Projects Agency Network).
- The first message was sent by a student programmer named Charlie Kline and the electronic message read ‘Lo’. The first significant use of the Internet was commemorated annually on International Internet Day on October 29 since 2005.

## DISARMAMENT WEEK



### KEY POINTS

- Disarmament week is observed from 24<sup>th</sup> October to 30<sup>th</sup> October 2022.
- Disarmament Week seeks to promote awareness and better understanding of disarmament issues and their cross-cutting importance.
- In 1995, the General Assembly invited governments, as well as NGOs, to continue taking an active part in Disarmament Week in order to promote a better understanding among the public of disarmament issues.
- United Nations Disarmament Commission Founded: 11 January 1952 Head Quarters at New York, United States

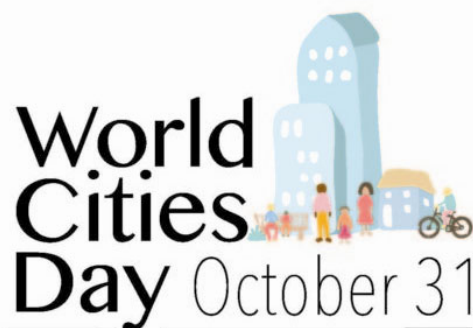
## WORLD THRIFT DAY



### KEY POINTS

- World Thrift Day is celebrated every year on October 31.
- World Thrift Day is observed on October 30 every year in India and on October 31 worldwide to promote the habit of savings among people, primarily through thrifting
- The theme of World Thrift Day is “Saving prepares you for the future”.
- The day, also known as World Savings Day, was established by the World Society of Savings Banks almost a century ago, on October 31, 1924 at the first International Savings Bank Congress in Milan, Italy.

## WORLD CITIES DAY



### KEY POINTS

- World Cities Day brings Urban October to an end on 31 October each year and was first celebrated in 2014.
- This year's global observance is planned in Shanghai, China under the theme "Act Local to Go Global."
- Urban October was launched by UN-Habitat in 2014 to emphasize the world's urban challenges and engage the international community towards the New Urban Agenda.

## NATIONAL UNITY DAY



### KEY POINTS

- 31<sup>st</sup> October is observed as National Unity Day each year in the honor of Sardar Vallabhbhai Patel's Birthday.
- This day is celebrated to unite the people and make them aware of their thoughts for the upliftment of the society since 2014.
- This year marks the 147th birth anniversary of Sardar Vallabhbhai Patel.

**On this day to raise the awareness about sardar vallabhbhai Patel contribution to national Integrity and Unity various events like Run for Unity is Organize on this day.**