

TNPSC THERVUPETTAGAM CURRENT AFFAIRS JUNE 2022

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TNPSC BITS

- ❖ Former RBI governor Bimal Jalan writes a new book titled 'The India Story'.
 - The book focuses on India's economic history and aims to provide lessons for the future of India's political economy.
- ❖ Narinder Batra resigned from the president position of the Indian Olympic Association.
- ❖ Indian Prime Minister proposed 'Japan Week' to celebrate Japan's contribution to India's development journey.
- ❖ K.V. Raghupathi won International Panorama Golden Award for his book 'The Mountain is Calling'.
- ❖ Union Home Minister Amit Shah laid a foundation stone for the new international sports complex in the Naranpura area of Ahmedabad city, Gujarat.
- ❖ Pakistani film 'Joyland' directed by debutant, Saim Sadiq, won the Jury prize in the Un Certain Regard section of the 75th Cannes Film Festival.
- ❖ The Spanish football club Real Madrid beat Liverpool in the UEFA Champions League final 2022 and won their record 14th European title.
- ❖ International Sex Workers' Day is observed annually on June 2 of each year,
 - It honours sex workers and recognises their often-exploited working conditions.
- ❖ The 15th edition of the Indian Premier League registered in the Guinness Book of World Records after displaying a giant jersey (66 x 44 meters) during the closing ceremony.
- ❖ The 17th edition of the Mumbai International Film Festival for Documentary, Short Fiction, and Animation films (MIFF-2022) began in Mumbai.
- ❖ Elon Musk become the top-paid chief executive officer in 2021, according to the Fortune 500 index.
- ❖ Goods and services tax collections for May 2022 came in at Rs 1.41 lakh crore.
 - It is 16% lower than the mop-up in April.
- ❖ India plans to reduce power generation from at least 81 coal-fired utilities over the next four years.
- ❖ Tata Motors signed a tripartite MoU with Ford India and the government of Gujarat for takeover of Ford's passenger vehicle manufacturing facility at Sanand.
- ❖ With the signing of MOU, Hungary became member of International Solar Alliance.



- ❖ 'Yoga for Humanity' has been chosen as the theme of the eighth International Day of Yoga to be organised in India and across the globe on June 21.
- ❖ Bollywood singer Krishnakumar Kunnath, popularly known as KK, passed away at Kolkata recently.
- ❖ Canada passed a new legislation that would implement “some of the harshest gun control measures” in decades, including a “freeze” on the country’s handgun purchases and sales.
- ❖ Viswanathan Anand defeated China's Wang in Norway Chess Tournament and retained on top of the standings.
- ❖ The world's largest civilian hospital ship, The Global Mercy, made its debut at the port of Dakar in Senegal.
- ❖ In Asia Cup men’s hockey 2022 at Jakarta, team India beat Japan and claimed the bronze medal.
 - In the Final, South Korea claimed their 5th title after beating Malaysia.
- ❖ Meta Chief Operating Officer Sheryl Sandberg has announced to step down after 14 years as the company's second-highest ranking executive.
- ❖ The BCCI President and former Indian cricketer Sourav Ganguly launched a worldwide educational application.
- ❖ English cricketer Moeen Ali receives Order of the British Empire after being named in Queen's Platinum Jubilee Honours list for his services in cricket.
- ❖ The European Commission and the European Central Bank gave their approval for Croatia to use Euro currency.
 - It will switch to the euro on January 1, 2023.
- ❖ Indian Film-maker Gitanjali Rao is set to be honoured with an award during the 75th edition of the Locarno Film Festival.
- ❖ India’s President, inaugurated the 59th Maha Adhiveshan of the Akhil Bhartiya Ayurved Mahasammelan in Ujjain, Madhya Pradesh.
- ❖ Sachin Tendulkar will continue as United Nations Children's Fund (UNICEF) ‘Goodwill Ambassador’ for a record 20th year.
- ❖ Harini Logan, a 14-year-old Indian-American, won in the 2022 Scripps National Spelling Bee.
- ❖ Javier Olivan will be the new chief operating officer at Meta (formerly Facebook).
- ❖ Tata Projects has bagged the contract to construct the upcoming Noida International Airport at Greater Noida’s Jewar in Uttar Pradesh.
- ❖ Union Minister for Youth Affairs and Sports, Anurag Thakur has launched a nationwide ‘Fit India Freedom Rider Cycle rally’ on World Bicycle Day.



- ❖ Shreya Lenka, an 18-year-old girl from Odisha's Rourkela, has been selected as the fifth member of popular South Korean pop band Blackswan.
- ❖ A Special Health Care Abhiyan 'Anchal' has been launched in the Karauli district of Rajasthan for pregnant women.
 - More than 13 thousand women have benefited from this Abhiyan.
- ❖ Rafael Nadal clinched his 14th French Open Tennis title and a record-extending 22nd Grand Slam trophy.
- ❖ Indian Railways have been awarded by the UIC International Sustainable Railway Awards (ISRA) in the category of "Best use of Zero-Carbon Technology" at Berlin, Germany.
 - It was given for feeding Solar Energy directly to 25 KV AC Traction System.
- ❖ President Ram Nath Kovind has paid tributes to Sant Kabir and inaugurated Sant Kabir Academy and Research Centre and Swadesh Darshan Yojana at Kabir Chaura Dham, Maghar, Uttar Pradesh.
- ❖ England Cricketer Joe Root became the first English player to complete 17,000 runs in International cricket.
 - Former England captain Alastair Cook is the other English player who has scored 10,000 runs or more in Test cricket.
- ❖ The Minister for Dairy Development Nasar clarified that Aavin was not manufacturing any health mix meant for expectant mothers.
 - It was only planning to manufacture a health mix, like Sathumaavu, meant for general use.
- ❖ World Pest Day is celebrated annually on June 6.
 - The first World Pest Day was marked in 2017.
- ❖ The World's First 'Right to Repair' Law for Digital Electronics was passed by the New York Legislature.
- ❖ Avani Lekhara of India won gold in the Para Shooting World Cup in Chateauroux, France, with a world record in the women's 10m air rifle.
- ❖ The Union Minister Dharmendra Pradhan released books titled 'Loktantra ke Swar' & 'The Republican Ethic'.
 - It has selected speeches of the President of India Ram Nath Kovind.
- ❖ The Members of the European Parliament have voted to ban the sale of new petrol and diesel cars by 2035.
 - The move aims to step up the fight against climate change through the faster development of electric vehicles.



- ❖ India will attain the unique distinction of launching the first Human Space Mission 'Gaganyaan' as well as the first Human Ocean Mission in 2023.
- ❖ The National Highways Authority of India had set a new Guinness World Record by building 75 kilometres of bituminous concrete in a single lane on NH53 in 105 hours and 33 minutes.
- ❖ NH 53 connects Hajira in Gujarat and Paradeep port in Odisha.
- ❖ The Malaysian Government has decided to abolish the death penalty.
 - In May 2022, Zambia had also announced its plan to abolish the death penalty.
- ❖ The International Monetary Fund has announced the appointment of Indian national Krishna Srinivasan as director of the Asia and Pacific Department (APD).
- ❖ Alok Kumar Choudhary took charge as the new Managing Director (MD) of State Bank of India (SBI).
 - Following Choudhary's appointment, SBI now has four MDs.
- ❖ Sital Sasthi is a sacred Hindu festival is being celebrated in Odisha.
 - This week-long special festival highlights the marriage of Lord Shiva and Goddess Parvati.
- ❖ The International Aluminium Institute (IAI), the only body representing the global primary aluminium industry, has announced the appointment of Satish Pai as its new Chair.
 - He is the Managing Director of Hindalco Industries, one of the world's largest integrated producers of aluminium.
- ❖ An elephant rescue centre has been established by the forest department of Bihar at Valmiki Tiger Reserve at West Champaran district of Bihar.
- ❖ The Rajasthan government has signed a MoU with Isha Outreach to save soil "by halting and reversing desertification of fertile lands in the state".
 - Rajasthan has become the second Indian state after Gujarat to ink such an MoU with the foundation.
- ❖ Indian cricketer Virat Kohli became the first Indian to have 200 million followers on Instagram.
- ❖ WhatsApp launched SMBSaathi Utsav initiative which aims to support small businesses by helping them to adopt digital mediums like WhatsApp Business App.
- ❖ Nirmala Sitharaman launches EASE (Enhanced Access and Service Excellence) 5.0 'Common reforms agenda' for Public Sector Banks.



- ❖ The International Institute of Sports & Management (IISM) in Mumbai, launched India's first-ever book on Sports Marketing titled "Business of Sports: The Winning Formula for Success" authored by Vinit Karnik.
- ❖ Maruti Suzuki India has installed a 20 MW solar carport at its Manesar, Haryana.
 - This is Asia's largest solar carport, according to the business.
- ❖ TCS has retained its tenth place among the top worldwide BPM (business process management) suppliers in 2021.
- ❖ The Indian National Centre for Space Promotion and Authorization (IN-SPACe) was established in Ahmedabad.
- ❖ The Senior Indian diplomat Amandeep Singh Gill has been appointed by United Nations Secretary-General as his Envoy on Technology.
- ❖ Young Indian Grandmaster, R. Praggnanandhaa emerged winner in the Norway Chess Group A open chess tournament.
- ❖ Rahul Srivatsav of Telangana has become India's 74th Grandmaster.
- ❖ The Maharashtra Governor Bhagat Singh Koshyari presented the Honorary Doctor of Literature on industrialist Ratan Tata.
 - ❖ Gurunaidu Sanapathi has clinched a gold medal for India at the 2022 IWF Youth World Championships in Mexico.
 - ❖ Anand Mahindra, Venu Srinivasan, Pankaj Patel, and Ravindra Dholakia were appointed to RBI central board as part time directors.
 - ❖ Tamil Nadu Mercantile Bank has received capital markets regulator SEBIs to launch and raise funds through an initial public offering (IPO).
- ❖ The Union Communications Minister Ashwini Vaishnaw announced at the Viva Technology 2022 event that India will have full-fledged 5G services by March 2023.
- ❖ The Ministry of Skill Development and Entrepreneurship has decided to organise Pradhan Mantri National Apprenticeship Mela every month onwards.
- ❖ Australia submitted more ambitious emissions targets to United Nations in order to end foot-dragging on climate change.
- ❖ Industry body COAI named Pramod K Mittal, President of Reliance Jio Infocomm, as the new Chairperson of the association for 2022-23.
- ❖ Radha Iyengar Plumb, an Indian-American, was nominated to the position of Deputy Under Secretary of Défense for Acquisition and Sustainment of USA.
- ❖ India hosted a Special ASEAN-India Foreign Ministers' Meeting (SAIFMM) in order to commemorate 30 years of ASEAN-India Dialogue Relations.



- ❖ The Central bankers around the world are enacting most dramatic tightening of monetary policy since the 1980s.
 - It is risking recessions and upsetting financial markets as they try to deal with an unexpected spike in inflation.
- ❖ The 110th session of the International Labour Conference held in hybrid format, with delegates attending in person in Geneva, as well as virtually.
- ❖ England hit a world record one-day international score of 498-4 against Netherlands.
- ❖ C. Munianathan IAS has been appointed as the interim chairman of TNPSC.
- ❖ India's first 100 MLD (million litres per day) capacity desalination plant was inaugurated in Bharuch district of Gujarat.
- ❖ Bharti Airtel has launched India's first multiplex on the Partynite Metaverse platform.
- ❖ The Prime Minister released Ram Bahadur Rai's book 'Bhartiya Samvidhan: Ankahi Kahani'.
- ❖ England's Matt Fitzpatrick captured his first major title by winning the US Open Golf.
- ❖ Athlete Neeraj Chopra will be leading a 37-member Indian athletics team at the upcoming Commonwealth Games.
- ❖ The International Picnic Day is celebrated annually on 18 June in entire world.
- ❖ Prime Minister unveiled the renovated Shree Kalika Mata temple at Pavagadh Hill in Gujarat's Panch mahal district.
- ❖ Haryana Chief Minister Manohar Lal khattar on the eve of 8th International Yoga Day released a book titled Ashtang Yoga authored by Dr Sonu Phogat.
- ❖ The Ministry of Home Affairs will organise a National Conference on Cyber Safety and National Security (Cyber Apradh Se Azadi, Azadi Ka Amrit Mahotsav).
- ❖ The Prime Minister inaugurated the Centre for Brain Research and lay the foundation stone for Bagchi Parthasarathy Multi-speciality Hospital at Indian Institute of science, Bengaluru.
- ❖ The Prime Minister of India inaugurated a new campus of Dr B R Ambedkar School of Economics (BASE) University in Bengaluru.
- ❖ Shabaash Mithu is a film based on the life of former Test and ODI captain of the India women's national cricket team Mithali Raj.
- ❖ Shanan Dhaka has secured the first rank in the examination for admission to the country's first women's National Defence Academy (NDA) batch.



- ❖ Ruchira Kamboj has been appointed as the next Permanent Representative of India to the United Nations.
- ❖ Former Australia cricketer, Lisa Sthalekar has become the first female president of the Federation of International Cricketers' Association.
- ❖ The karnataka Chief minister Basavaraj Bommai inaugurated IKEA's Nagasandra store in Bengaluru.
 - The Bengaluru store is IKEA's third outlet in India after the ones in Hyderabad and Mumbai.
- ❖ The ONGC Videsh Limited (OVL) recently discovered oil in a drilled well, Urraca, in Colombia.
- ❖ Tapan Deka has been appointed as the new Chief of the Intelligence Bureau.
 - The appointment of Tapak Deka as the new IB Chief was approved by the Appointments Committee of the Cabinet.
- ❖ The stock Market regulator Securities and Exchange Board of India (Sebi) approved the appointment of former Deputy Governor of Reserve Bank of India S S Mundra as the chairman of the board of directors of BSE Limited.
- ❖ Anil Khanna has been appointed the acting President of Indian Olympic Association (IOA).
- ❖ Karnataka State's first disabled-friendly park in Jawaharlal Bal Bhavan (JBB), Cubbon Park was recently inaugurated.
- ❖ Hermit is new spyware with the capability to affect both Android and iOS devices.
- ❖ Iran recently launched a solid-fuelled rocket named "Zuljanah" into space.
 - It is the first indigenously designed and indigenously manufactured hybrid fuel satellite launch vehicle from Iran.
- ❖ Tata Power Solar Systems commissions India's largest floating solar power project of 101.6-Megawatt Peak (MWp) in Kerala's backwaters area of Kayamkulam.
 - This project is the first one in the Floating Solar Photovoltaic (FSPV) through Power Purchase Agreement category.
- ❖ Chief Minister MK Stalin inaugurated Tamil Nadu Centre of Excellence in Advanced Manufacturing (TANCAM) in the Tidel Park, Taramani in Chennai.
 - It is India's first of its kind centre of Excellence.

TAMIL NADU

FDI flow into Tamil Nadu





- ❖ Tamil Nadu ended the 2021-22 fiscal with foreign direct investment (FDI) of ₹22,396 crore.
- ❖ This is high about 30.1% from ₹17,208 crore in 2020-21.
- ❖ Karnataka topped the table, with \$22 billion of FDI, followed by Maharashtra with \$15.4 billion.
- ❖ Delhi had about \$8.2 billion, followed by Tamil Nadu with \$3 billion and Gujarat with \$2.7 billion.

Pensioner's digital life certificate

- ❖ The Tamil Nadu government signed a MoU with the India Post Payments Bank (IPPB) for obtaining life certificate from pensioners through doorstep services of the Postal Department.
- ❖ IPPB would transfer it to the doorstep services at a cost of Rs 70 per digital life certificate.

Jeevan Pramaan

an Aadhaar based Biometric enabled
Digital Life Certificate for Pensioners

-  **Completely paperless** issuance of Digital Life Certificate with Aadhaar authentication.
-  **Instant issuance of Certificate** at your doorstep through Postmen or at Post Office near you.
-  **No need for travel** to Pension Department/Banks, Digital Life Certificate details are **directly updated** with the department.
-  Services available at **a nominal fee of Rs. 70** (inclusive of taxes)

How to get Jeevan Pramaan Certificate?

- ☒ Visit any Post Office near you or avail the services through Postman
- ☒ Provide basic details related to your pension account:
 - Pension ID
 - Pension Disbursing Department
 - Mobile Number
 - Pension Payment Order
 - Bank Account details
 - Aadhaar Number
- ☒ Authorize your request with biometric fingerprint scan
- ☒ Digital life certificate will be instantly generated with Pramaan ID sent to you on your mobile. Your Certificate details will be automatically updated with Pension Department.

Unique use of Plastic Bottles

- ❖ Arignar Anna Zoological Park introduces a new initiative on World Environment Day.

- ❖ It introduced a new method to keep a check on the littering of plastic bottles and pollution inside the park.
- ❖ On the occasion of World Environment Day, the traditional cloth bags called “Manchappai,” which means ‘yellow bags,’ were distributed.
- ❖ The zoo has started charging ₹10 for each plastic water bottle from the visitors.
- ❖ The visitors have to return the emptied bottle to the seller in the zoo and they’ll get refunds.
- ❖ Arignar Anna Zoological Park is also known as Vandalur Zoo.
- ❖ It is the first public zoo in India which was established in the year 1855.

Luxury Cruise Empress

- ❖ Tamil Nadu Chief Minister MK Stalin flagged off the luxury cruise liner “Empress” from Chennai port.
- ❖ This is considered the first luxury cruise liner to be operated from the state.
- ❖ It is also to anchor at Puducherry and Visakhapatnam harbours.

Excess Cauvery water

Tracking inflow		
TREND OF CAUVERY RIVER WATER REALISATION OVER THE YEARS		
Water Year	Realisation+ (in tmc ft.)	Surplus/Deficit (in tmc ft.)
2018-19	405.43	228.18
2019-20	275.16	97.91
2020-21	211.3275	34.0775
2021-22	281.0739	103.8239
HOW LAST YEAR FARED?		
Month	Quantity prescribed (in tmc ft.)	Realisation (in tmc ft.)
June 2021	9.19	7.6978
July	31.24	27.989
August	45.95	22.6417
September	36.76	33.1394
October	20.22	48.2763
November	13.78	71.5651
December	7.35	26.1825
January 2022	2.76	6.4331
February	2.5	3.1125
March	2.5	5.2149
April	2.5	5.8642
May	2.5	22.9573
Total	177.25	281.0739

(tmc ft. - thousand million cubic feet)

Note: The tables are based on readings taken by the Central Water Commission in Biligundlu on the inter-State (Karnataka-Tamil Nadu) border

- ❖ For the fourth consecutive year, Tamil Nadu realised a higher quantum of the Cauvery water in the just-concluded water year 2021-22.
- ❖ In terms of monthly realisation, November topped the list with around 71.57 tmc.
- ❖ The State received about 281 tmc between June 2021 and May 2022.
- ❖ In 2018-19, the excess figure was 228.18 tmc.
- ❖ It remains the highest in the last four years.
- ❖ In effect, it got 103.8 tmc more than the quantum of 177.25 tmc stipulated by the Supreme Court in the judgment.
- ❖ Tamil Nadu got an unanticipated “bonanza” during January-May of 2022 when it received about 44 tmc against 12.76 tmc.
- ❖ 2022 May witnessed the State netting around 22.96 tmc.

Operation Kanthuvatti

- ❖ The Director-General of Police C. Sylendra Babu ordered the launch of ‘Operation Kanthuvatti’ across Tamil Nadu to curb the menace.
- ❖ The Police were told to take up cases of usury pending at all police stations and initiate action under the Tamil Nadu Prohibition of Charging Exorbitant Interest Act, 2003.

S2G Buy Day initiative

- ❖ Tamil Nadu Start-up and Innovation Mission is popularly known as TANSIM among entrepreneurs.
- ❖ It has launched an initiative called ‘S2G Buy Day’ to link start-ups and the government.
- ❖ The government departments and public sector undertakings would be allowed to directly procure innovative products and services valued at up to Rs. 50 lakh from start-ups in the State.

Jayankondam project

- ❖ The Tamil Nadu government has decided to return the land to its former owners without collecting the compensation paid to them.
- ❖ The reason for dropping the project is the steep rise in the compensation that would have to be paid.
- ❖ 3,390 hectares were acquired for the 1,600-MW Jayankondam integrated lignite mining and power generation project in Ariyalur district nearly 25 years ago.

44th Chess Olympiad's logo



- ❖ M.K. Stalin unveiled the logo and mascot for the 44th Chess Olympiad.
- ❖ It will take place in Mamallapuram in July 2022.
- ❖ The Mascot is known as 'Thambi'.
- ❖ The words "Chess Believe" are seen on its shirt.
- ❖ He also unveiled a countdown clock for the Olympiad at the Greater Chennai Corporation's headquarters, Ripon Buildings.
- ❖ After the World Championship encounter between India's Viswanathan Anand and Magnus Carlsen in 2013, this is Chennai's second big international chess event.

HomoSEP



- ❖ It is a robot developed by the researchers of the Indian Institute of Technology of Madras to eliminate manual scavenging in India.
- ❖ It is supported by the NGO, Safai Karamchari Andolan (SKA) dedicated to the elimination of manual scavenging in India.
- ❖ At present, the first two HomoSEP units have been distributed to self-help groups led by Ms. Nagamma and Ms. Ruth Mary whose husbands died tragically during sanitation work.

Virus attack on ornamental fish

- ❖ A virus which affects the ornamental fish, Koi Carp, has been reported for the first time in India.
- ❖ In India, a study was conducted from different localities at Kolathur in Chennai, the hub of the ornamental fish trade.
- ❖ It causes severe mortality and economic loss.
- ❖ Koi herpesvirus (KHV) or Cyprinid Herpesvirus-3 (CyHV-3) was first reported in Israel and Germany in 1998.
- ❖ Cyprinus carpio koi is commonly known as “koi or koi carp”.
- ❖ It is an ornamental fish traded worldwide because of its striking colours, shape and scale pattern.

Ennum Ezhuthum scheme

- ❖ Tamil Nadu Chief Minister launched a ‘Ennum Ezhuthum’ scheme in Tiruvallur.
- ❖ A scheme is aimed at ensuring that by 2025, all students under eight years of age in Tamil Nadu are able to read with comprehension and have basic arithmetic skills.
- ❖ The scheme will be implemented in government and government-aided schools for three years starting this academic year.
- ❖ The scheme aims to bridge the learning gap.



11th World Tamil Research Conference

- ❖ The 11th World Tamil Research Conference will be held in Sharjah of the United Arab Emirates in July 2023.

- ❖ This Seminar on Tamil Studies will focus on the challenges faced by the Tamil language in the internet age.

Writer Chinnappa Bharathi

- ❖ The Progressive Tamil writer K. Chinnappa Bharathi passed away recently.
- ❖ He wrote seven novels: Dhagam, Sangam, Sarkarai, Pavalayee, Thalaimurai Mattram, Surangam and Palai Nila Roja.
- ❖ Surangam (The Mine), which was about the struggles of coal miners in West Bengal and Jharkhand, brought him fame.
- ❖ Dhagam (Thirst) narrates the woes of farm labourers, especially Dalits.



Liquor bottle buyback scheme

- ❖ A scheme for buying back used liquor bottles was launched at TASMAL shops across the Nilgiris.
- ❖ The scheme is aimed at eliminating the dumping of used liquor bottles in forest areas and negating the threats they posed to the wildlife.

“Bharat Gaurav” express train

- ❖ The ‘Bharat Gaurav’ train service from Coimbatore to Shirdi, was inaugurated at the Coimbatore North Railway Station.
- ❖ To promote and attract tourism business, the Indian Railways launched Bharat Gaurav trains.
- ❖ It is country’s first private train.
- ❖ This will be operated by private players and run-on theme-based circuits.



First woman mace-bearer

- ❖ In a first, the Madras High Court has appointed a woman mace bearer.
- ❖ Justice R.N Manjula is the first to utilize the services of the court's first woman mace bearer.
- ❖ The Mace bearer/ Chobdar, a position traditionally held by men.
- ❖ It is an officer who carries the mace and walks before a dignitary signifying the dignitary's power.
- ❖ In courts, the mace helps in the free passage of Judges between the court halls.
- ❖ The Mace Bearer/ Chobdars are appointed through direct recruitment by the High Court.

Outstanding portfolio

- ❖ Tamil Nadu has displaced West Bengal to emerge as the largest State in terms of the outstanding portfolio of microfinance loans.
- ❖ West Bengal was followed by Karnataka, Uttar Pradesh and Maharashtra.

Thozhilanangu

- ❖ It is an initiative of Tamil Nadu Startup and Innovation Mission (Tansim).
- ❖ It aims to promote mass entrepreneurship among women from economically weaker sections in non-metros.
- ❖ It connects start-up ecosystem pioneers, successful entrepreneurs and companies to elevate SHGs into smart SHGs, micro enterprises and Startups in a phased manner.

Nalaya Thiran

- ❖ The Tamil Nadu government recently launched Naan Mudhalvan.
- ❖ Under this programme, Tamil Nadu government has now launched Nalaya Thiran.
- ❖ In this programme, 50,000 college students will train with the knowledge in computer science, electronics and IT domains.
- ❖ This multi-agency programme has been co-created by Nasscom, ICT Academy and Skill Development Corporation.

Tamil Nadu SC/ST Startup Fund

- ❖ The Tamil Nadu Startup and Innovation Mission (TANSIM) has called for applications from Scheduled Caste and Scheduled Tribe (SC/ST) entrepreneurs
- ❖ In this regard, this fund was setup.
- ❖ It is an exclusive fund for start-ups promoted by SC/ST founders.
- ❖ It will be made in the form of equity or debt based on the evaluation and recommendation of the Investment Committee.
- ❖ To be eligible for the funding, more than 50% of equity of the company should be held by one or more persons who belong to SC/ST category.
- ❖ The entrepreneur should be a native of Tamil Nadu or of Tamil origin.
- ❖ And the preference will be given to those who have their principal base of operation within Tamil Nadu.



New Tidel parks in Tamilnadu

- ❖ Chief Minister MK Stalin inaugurated Tamil Nadu Centre of Excellence in Advanced Manufacturing (TANCAM), in Chennai.
- ❖ It was established in partnership with Dassault System.
- ❖ It is one of the three Centres of Excellence planned by the State.



- ❖ The other two, Tamil Nadu Smart and Advance Manufacturing (TANSAM) set up by Siemens and TN Advanced Manufacturing Centre of Excellence (TAMCOE).
- ❖ The above is to be operated in collaboration with GE Aviation.
- ❖ He also established two Industrial Innovation Centres (IICs) in Sriperumbudur and Hosur.
- ❖ It aims to usher in fourth industrial revolution and change the manufacturing eco-system of Tamil Nadu.
- ❖ The CM also laid the foundation stone for Tidel Neo Parks in Villupuram and Tiruppur districts.
- ❖ The CM also launched an Industry 4.0 Maturity Index Survey in partnership with Infosys, IIT-Madras and University of Nottingham.

NATIONAL

Operation Namkeen

- ❖ Operation Namkeen was launched by the Directorate of Revenue Intelligence (DRI) to hinder the narcotic drugs.
- ❖ The Directorate of Revenue Intelligence (DRI) has recovered 52 kg of cocaine from a consignment imported from Iran.
- ❖ DRI is an Indian intelligence agency, an anti-smuggling intelligence, investigations and operations agency.

INS Nirdeshak

- ❖ Nirdeshak, the second of the four Survey Vessels Large (SVL) projects for the Indian Navy was launched, at Kattupalli, Chennai.
- ❖ The ship has taken its name from erstwhile Nirdeshak.
- ❖ It was also an Indian Naval Survey ship.
- ❖ It was decommissioned after 32 years of glorious service in December 2014.

India's first Lavender Festival

- ❖ Country's first 'Lavender festival' was inaugurated at Jammu's Bhaderwah.
- ❖ The cultivation of lavender has transformed the economy of the mountainous area.

- ❖ Bhaderwah in the Doda district is the birthplace of India's purple revolution.
- ❖ Lavender has changed the fortunes of farmers in Jammu and Kashmir under the 'Aroma Mission or Purple Revolution'.
- ❖ It is an initiative of the Central government towards transforming the lives of UT's farmers' community.

Nechiphu Tunnel



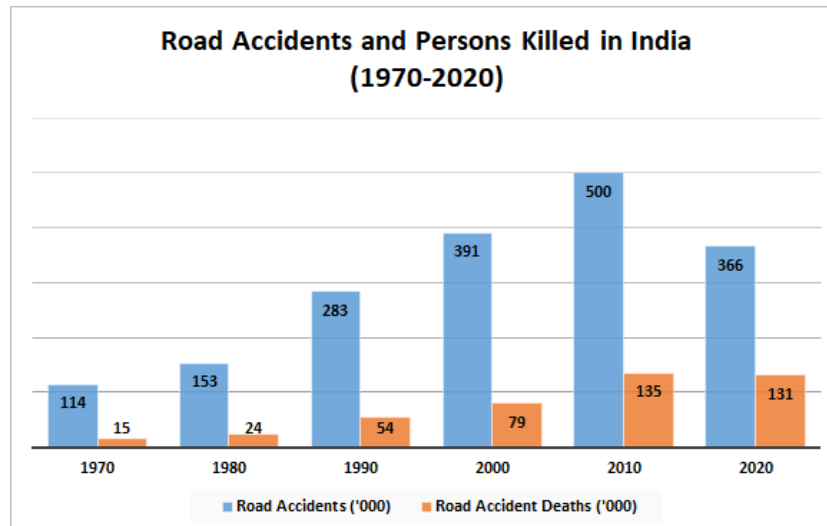
- ❖ Border Road Organisation has completed the excavation work of the Nechiphu Tunnel, in Arunachal Pradesh on 20th May 2022.
- ❖ This tunnel is being built by BRO under Project Vartak.
- ❖ The tunnel's foundation stone was laid by Rajnath Singh on 12th October 2020.
- ❖ The Nechiphu Tunnel is located at an altitude of 5,700 feet.
- ❖ The BRO utilized the new Austrian tunnelling method (NATM) to achieve construction at a fast pace.

North India's first Industrial Biotech Park

- ❖ The north India's first Industrial Biotech Park was inaugurated at Ghatti near Kathua in Jammu & Kashmir.
- ❖ The Industrial Biotech Park at Kathua will transform the economy and enable scientists to tackle the challenges of climate change.
- ❖ The enabling infrastructure will fuel a new wave of innovation and impact various sectors, from health and agriculture to cosmetics and materials.

Road Accidents in India - 2020

- ❖ It has been highlighted that there has been a sharp decline in road accidents in 2020 as compared to 2019.
- ❖ The report highlighted that in 2020, the total number of persons killed in road accidents has decreased from 2019 by 12.6 percent.
- ❖ The number of deaths due to road accidents also decreased by 12.84 percent and the number of injuries also decreased by 22.84 percent.
- ❖ In 2020, the highest number of road accidents on the National Highways was in Tamil Nadu.
- ❖ The top 3 states recording the highest number of road accidents are: Tamil Nadu, Uttar Pradesh, Karnataka.




Decommission of INS Gomati

- ❖ The Indian Navy has decommissioned INS Gomati after 34 years of service.
- ❖ The warship was inducted on April 16, 1988.
- ❖ The ship is the third of the Godavari class guided-missile frigates and is the oldest warrior of the Western Fleet.
- ❖ INS Gomati was named after the river Gomati.
- ❖ It took part in several operations, including Operation Cactus, Parakram, and Indradhanush, and several other bilateral and multinational naval exercises.
- ❖ INS Gomati was awarded the prestigious Unit Citation twice, once in 2007-08 and again in 2019-20.
- ❖ INS Gomati will be kept alive in an open-air museum on the picturesque banks of river Gomati in Lucknow.




PM CARES for Children Scheme


- ❖ The PM released the benefits of PM CARES for Children scheme for children who lost their parents due to the Covid-19 pandemic.
- ❖ This scheme promised Rs 4,000 a month for basic needs, financial support for schooling, scholarship for higher education, and free treatment up to Rs 5 lakh.
- ❖ The scheme will also help youth of 18 to 23 years, who lost their parents in the pandemic, with a monthly stipend.
- ❖ And they will be given Rs 10 lakh when they turn 23.
- ❖ Children will also be being given the Ayushman Health Card through 'PM Cares for Children' to avail free facility of treatment up to Rs 5 lakhs.





PM-CARES FOR CHILDREN


Launched for support & empowerment of COVID-19 affected children





 **Government stands with children who lost their parents due to COVID-19**


 Such children to **get a monthly stipend** once they **turn 18** and **a fund of 10 lakh** when they **turn 23** from PM CARES

 **Free education to be ensured** for children who lost their parents to COVID-19

 Children will be assisted to **get an education loan for higher education & PM CARES will pay interest on the loan**

 Children will **get free health insurance of 5 lakh under Ayushman Bharat till 18 years** & premium will be paid by PM CARES

 Children represent the future of the country and we will do everything to support and protect the children: **PM Narendra Modi**

 It is our duty, as a society, to care for our children and instil hope for a bright future: **PM Narendra Modi**



Charge of Lokpal chair

- ❖ President has given Justice Pradip Kumar Mohanty the additional charge of Lokpal chairperson.
- ❖ He holds this position after Justice Pinaki Chandra Ghose completed his term as the Lokpal chief.
- ❖ The Lokpal is headed by a chairperson and can have eight members.
- ❖ At present, there are six members in the Lokpal.
- ❖ Two posts of judicial members have been lying vacant for over two years.
- ❖ A Lokpal chief and members are appointed for a term of five years or until attaining the age of 70 years.

Gen Next Democracy Network

- ❖ The Indian Council for Cultural Relations' (ICCR) ten days programme Gen Next Democracy Network concluded.
- ❖ Youth from democratic countries come to India under the Gen Next Democracy Network programme.
- ❖ In the closing ceremony, 27 delegates from six countries- Ghana, Bangladesh, Peru, Nepal, Brunei and Norway shared their experiences of visiting India.
- ❖ ICCR was founded under the Ministry of External Affairs in 1950 by Maulana Abul Kalam Azad, the first Education Minister of independent India.
- ❖ It is involved in India's global cultural relations, through cultural exchange with other countries and their people.

Extension of PMEGP

- ❖ The Prime Minister's Employment Generation Programme (PMEGP) has been extended for another five years, until FY26.
- ❖ The Government of India approved the introduction of a new credit-linked subsidy programme called PMEGP by combining two schemes.
- ❖ The two schemes are Prime Minister's Rojgar Yojana (PMRY) and Rural Employment Generation Programme (REGP).

Top sugar producer states

- ❖ After a five-year gap, Maharashtra has overtaken Uttar Pradesh to regain its position as India's top sugar producer.
- ❖ This state's output for the 2021-22 crushing year (October-September) at 138 lakh tonnes (lt).

- ❖ That is an all-time-high, beating the previous 107.21 lt of 2018-19.

TOP SUGAR PRODUCING STATES					
(IN LAKH TONNES)					
YEAR (OCT-SEP)	MAHARASHTRA	UTTAR PRADESH	KARNATAKA	GUJARAT	ALL-INDIA
2013-14	76.85	64.87	41.77	11.77	243.60
2014-15	105.07	71.01	49.35	11.54	283.13
2015-16	84.24	68.55	40.49	11.68	251.25
2016-17	42.38	87.73	21.44	8.85	202.62
2017-18	107.05	120.50	36.58	10.67	323.28
2018-19	107.21	118.22	44.29	11.23	331.62
2019-20	61.70	126.37	35.00	9.30	273.85
2020-21	106.30	110.59	44.65	10.50	311.20
2021-22*	138.00	104.00	60.00	12.00	355.50

*Projected

Jal Jeevan Mission coverage



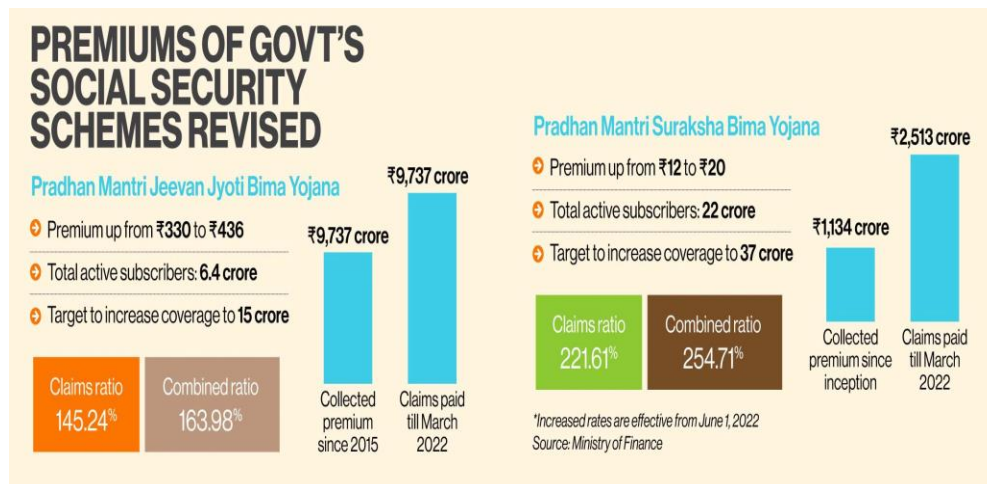
- ❖ Jal Jeevan Mission has achieved the milestone of 50 per cent of rural households having access to tap water connections.
- ❖ The 'Har Ghar Jal' programme is implemented by Jal Jeevan Mission (JJM) under the Ministry of Jal Shakti.
- ❖ Goa, Telangana, Andaman and Nicobar Islands, Dadra & Nagar Haveli and Daman & Diu, Puducherry and Haryana have already achieved 100 per cent household connections.
- ❖ Punjab, Gujarat, Himachal Pradesh and Bihar have coverage of more than 90 per cent.

National Education Ministers' Conference

- ❖ Gujarat hosted the two-day National Education Ministers' Conference.
- ❖ The meeting will be attended by Union Education Minister Dharmendra Pradhan, as well as other union ministers and state and union territory education ministers.
- ❖ Deliberations on how to boost the country's education ecosystem took place during this conference.

Premium revision of insurance schemes

- ❖ The government has revised the premium rates of its two flagship social security schemes, Pradhan Mantri Jeevan Jyoti Bima Yojana, PMJJBY and Pradhan Mantri Suraksha Bima Yojana, PMSBY.
- ❖ Premium rates for PMJJBY have revised to 436 from the earlier premium of 330 rupees per annum.
- ❖ For the PMSBY, the revised premium will be 20 rupees instead of the existing 12 rupees per annum.
- ❖ This is the first revision in the premium rates since the inception of both schemes in 2015.



Har Ghar Dastak 2.0 Campaign

- ❖ This campaign aims to accelerate the pace and coverage of COVID19 vaccination across States and UTs has commenced across the country.
- ❖ This will be implemented in a 'Mission Mode'.
- ❖ States and UTs have been advised to give an intensive push towards full COVID19 vaccination coverage by vaccinating all eligible beneficiaries.

Gallantry Awards 2022

- ❖ The President of India, presented Gallantry Awards and Distinguished Service Decorations at the Defence Investiture Ceremony 2022, New Delhi.
- ❖ The gallantry awards comprise five awards - Param Vir Chakra, the Ashoka Chakra, the Mahavir Chakra, the Kirti Chakra, the Vir Chakra and the Shaurya Chakra.
- ❖ One Kirti Chakra (Posthumously) and 14 Shaurya Chakras including eight posthumously were awarded to the armed forces personnel.
- ❖ 14 Param Vishisht Seva Medals and 29 Ati Vishisht Seve Medal also conferred.
- ❖ These are military awards conferred to recognise peace-time service of the most exceptional order.



Mitali Express

- ❖ The railway line connecting India and Bangladesh, the New Jalpaiguri-Dhaka Cantonment 'Mitali Express' was flagged off.
- ❖ The train will cover the distance of around 513 km between New Jalpaiguri in West Bengal and Dhaka Cantonment in Bangladesh.
- ❖ Other trains that run connecting Kolkata with Dhaka and Khulna are the Maitree and Bandhan express.

New spacecraft manufacturing facility

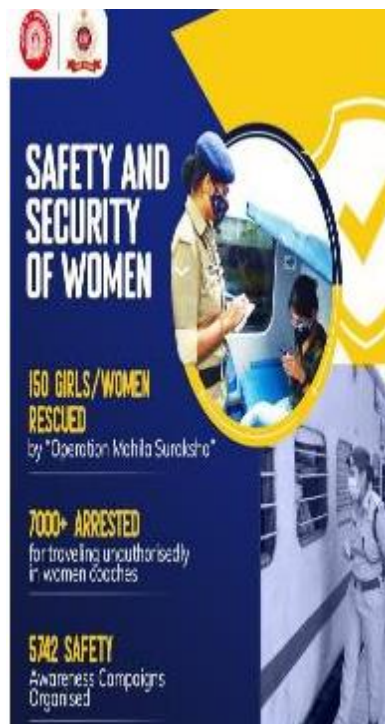
- ❖ The chairman of the ISRO-Somanath inaugurated ANANTH Technologies' spacecraft manufacturing unit at Karnataka.
- ❖ The new state-of-the-art spacecraft manufacturing facility can conduct assembly integration and testing of four large spacecraft simultaneously.
- ❖ This is a first of its kind facility in India, adding that since its establishment in 1992.

India's first sologamy

- ❖ A 24-year-old girl from Vadodara named Kshama Bindu is getting married to herself.
- ❖ This has been dubbed the country's first 'sologamy'.
- ❖ Sologamy or autogamy is an alternative term for self-marriage.

Operation Mahila Suraksha

- ❖ The pan-India drive "Operation Mahila Suraksha" was launched to ensure women's security.
- ❖ The Railway protection Force arrested more than 7000 unauthorised travellers in coaches reserved for women.
- ❖ It also rescuing 150 girls/women from becoming victims of human trafficking during this month-long Operation.



Farewell to two ships

- ❖ The Indian Navy will bid farewell to its two ships INS Nishank and INS Akshay.
- ❖ Both the ships will be decommissioned at Naval Dockyard after 32 years.
- ❖ All the seafarers bear the names of their ships as their own identity.
- ❖ INS Nishank is the fourth of the Veer Class Missile Corvette

- ❖ It has been an integral part of the Killer Squadron renowned for its heroics in the 1971 War.
- ❖ INS Akshay is a part of the 23rd Patrol Vessel Squadron.
- ❖ Its primary role is Anti-Submarine warfare and coastal patrol.

First Liquid Mirror Telescope

- ❖ The first liquid mirror telescope in the country and the largest in Asia was commissioned atop Devasthal, a hill in Uttarakhand.
- ❖ This will now keep a watch on the overhead sky to identify transient or variable objects such as supernovae, gravitational lenses, space debris, and asteroids.
- ❖ The Indian Liquid Mirror Telescope (ILMT) will help in surveying the sky.
- ❖ It makes it possible to observe several galaxies and other astronomical sources.



IIM-A Agriculture Land Price Index

- ❖ IIM-Ahmedabad (IIM-A) has collaborated with SFarms India, an e-marketplace for agricultural land, to develop a farm land price index.
- ❖ It is based on the purchases and sales done on the platform.
- ❖ This index has been designed with the aim of recording and presenting quality-controlled data on the prices of agricultural land in India.
- ❖ This index will be tracking the price movements in the marketplace (Sfarms India) and will be coming up with a composite pricing mechanism on a monthly basis.
- ❖ This will be updated twice a year.
- ❖ It will be named IIM-Ahmedabad SFarms India Land Price Index (ISALPI).
- ❖ It has been started on a pilot basis on Karnataka, Andhra Pradesh, Tamil Nadu, Maharashtra, Uttar Pradesh, Telangana

Integration of eSanjeevani with ABDM

- ❖ National Health Authority (NHA) announced that government's 'eSanjeevani' telemedicine service has been integrated with Ayushman Bharat Digital Mission.
- ❖ This integration will help existing eSanjeevani users to easily create their Ayushman Bharat Health Account.
- ❖ The Users would also be able to use it to link and manage their existing health records.
- ❖ The Users can further share their health records with doctors on eSanjeevani.
- ❖ In turn it will help in better clinical decision making and ensuring the continuum of care.
- ❖ The Ayushman Bharat Digital Mission aims to build digital highways, in a bid to bridge the gaps in existing digital health solutions and stakeholders in India.

IAF heritage center

- ❖ A heritage centre to showcase the role of the Indian Air Force in various wars and its overall functioning will come up at Chandigarh.
- ❖ The 'IAF Heritage Centre' will be set up jointly by the force and the Chandigarh administration
- ❖ This heritage centre will have artefact, simulators and interactive boards to highlight various facets of IAF.

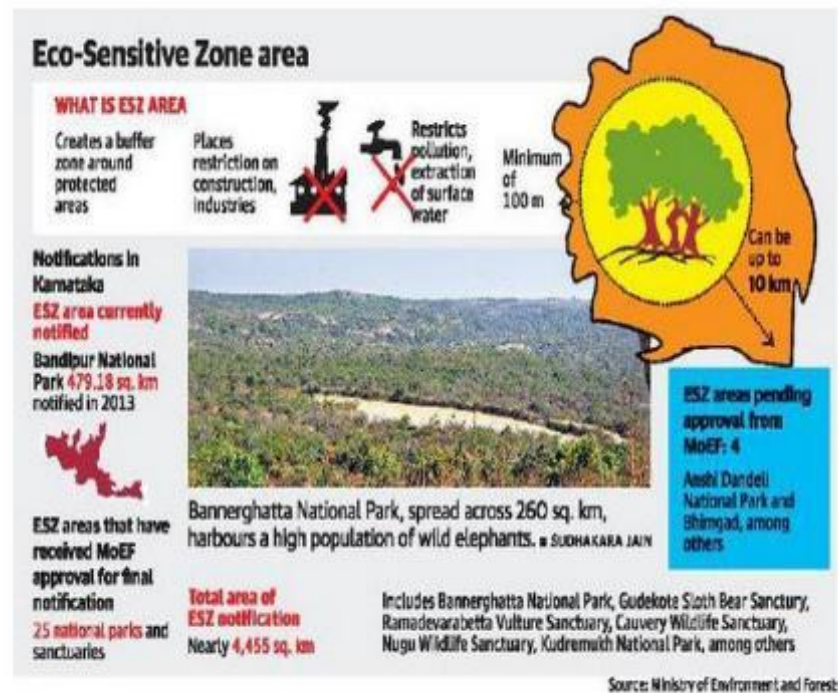
Puneet Sagar Abhiyan

- ❖ The National Cadet Corps (NCC) has launched the latest phase of its nationwide flagship campaign 'Puneet Sagar Abhiyan'.
- ❖ It aims to clean Sea Shores/Beaches and other water bodies including rivers & lakes, of plastic & other waste.
- ❖ It also, aims to increase an awareness amongst the local population about importance of keeping the beaches and river fronts clean.

Supreme Court on Eco Sensitive Zones (ESZ)

- ❖ The Supreme Court has directed that every protected forest, national park and wildlife sanctuary across the country should have a mandatory ESZ of a minimum one km starting from their demarcated boundaries.
- ❖ It is to create some kind of a "shock absorber" for the protected areas.
- ❖ These zones would act as a transition zone from areas of high protection to those involving lesser protection.

- ❖ The Centre had come out with February 2011 guidelines on ESZ.
- ❖ It had prescribed a 10-kilometre boundary based on responses received from states and UTs.
- ❖ The Environment (Protection) Act, 1986 does not mention the word “Eco-Sensitive Zones”.
- ❖ An ESZ could go up to 10 kilometres around a protected area as provided in the Wildlife Conservation Strategy, 2002.



Jan Samarth Portal

- ❖ Prime Minister launched a “national portal for credit-linked government schemes”.
- ❖ It was launched during the ‘Iconic Week Celebrations’ of Ministry of Finance and Ministry of Corporate Affairs at Vigyan Bhawan in New Delhi.
- ❖ The week, starting from June 6 to June 11, is being celebrated as part of ‘Azadi Ka Amrit Mahotsav’.
- ❖ Jan Samarth Portal is a one-stop digital portal, that links the government credit schemes.
- ❖ It is first of its kind platform, connecting beneficiaries directly to the lenders.

New Coins



- ❖ Prime Minister Narendra Modi also released special series of Rs 1, Rs 2, Rs 5, Rs 10 and Rs 20 coins.
- ❖ These special series of coins have the theme of logo of Azadi ka Amrit Mahotsav.
- ❖ These coins can easily be identified by visually impaired persons.

mRube

- ❖ It is the electronic trading platform promoted by Rubber Board.
- ❖ The Rubber Board is a statutory body under the Rubber Act 1947.
- ❖ It functions under the ministry of commerce and Industry.
- ❖ Its head Office is in Kottayam, Kerala.

National Food laboratory

- ❖ At Raxaul in Bihar, the union minister for health and family welfare and Chemicals and Fertilizers Mr. Mansukh Mandaviya, inaugurated the National Food Laboratory of FSSAI.
- ❖ Under the bilateral agreement between Indo-Nepal, this laboratory was established to reduce the time of testing of food samples imported from Nepal to Raxaul.
- ❖ The Food Safety and Standards Authority of India is a statutory body established under the Ministry of Health & Family Welfare, Government of India.
- ❖ The FSSAI has been established under the Food Safety and Standards Act, 2006.

Lifestyle for the Environment (LiFE) Movement

- ❖ Prime Minister Narendra Modi has launched this global initiative.
- ❖ Its vision is to live a lifestyle that is in tune with our planet and does not harm it.

HARBINGER 2021

- ❖ The Reserve Bank of India had launched its first global hackathon - “HARBINGER 2021 – Innovation for Transformation”
- ❖ Its theme is ‘Smarter Digital Payments’.
- ❖ It aims to identify and enable solutions and/or business models that have the potential to make digital payments accessible to the under privileged section.



Sampriti-X exercise

- ❖ It is a joint military training exercise for the India-Bangladesh bilateral defence cooperation.
- ❖ It is being conducted at Jashore Military Station in Bangladesh.
- ❖ Both nations will share expertise in multiple simulated scenarios of Counter Terrorism, Humanitarian Assistance & Disaster Relief and UN Peacekeeping Force under UN mandate.

My Pad My Right programme

- ❖ The National Bank for Agriculture and Rural Development (NABARD) has launched "My Pad My Right programme", in Leh, Ladakh.
- ❖ It was launched by Nabard's NabFoundation with machinery and materials of a cost of Seven and half Lakh rupees.

- ❖ Under this unique project, award winning sanitary pad making machines will be installed through the network of self-help groups.
- ❖ These efforts are on for economic empowerment of rural women through menstrual hygiene.

4th State Food Safety Index 2021-2022



- ❖ The Ministry of Health and Family Welfare released the Food Safety and Standards Authority of India (FSSAI) led index.
- ❖ It was initiated in 2018-19, in a bid to create a competitive and positive change in food safety ecosystem of India.
- ❖ The State Food Safety Index measured the performance of States on five parameters — human resources and institutional data, compliance, food testing infrastructure and surveillance, training and capacity-building and consumer empowerment.
- ❖ A total of 150 districts across the country had participated in the challenge
- ❖ Tamil Nadu was ranked first in the State Food Safety Index 2021-2022 in the category of large States.
- ❖ In the category of small states, Goa has been ranked first followed by Manipur and Sikkim.
- ❖ Among UTs, Jammu & Kashmir has been ranked first, followed by Delhi and Chandigarh.
- ❖ A total of 11 districts from the State — Tiruvallur, Kancheepuram, Salem, Coimbatore, Chennai, Tirunelveli, Erode, Madurai, Thoothukudi, Tiruppur and Dindigul — were honoured for the best performance in the 'Eat Right Challenge', organised by the Food Safety and Standards Authority of India (FSSAI).

Resource Centre for Tobacco Control

- ❖ The World Health Organisation has awarded the Resource Centre for Tobacco Control (e-RCTC) of the Department of Community Medicine and School of Public Health at the Postgraduate Institute of Medical Education and Research (PGIMER) in Chandigarh.
- ❖ It provides information related to tobacco control in India, including circulars and orders, policies and legislations, multidisciplinary publications.

Ayurveda Aahar

- ❖ The 'Ayurveda Aahar' logo was launched by the union Health minister Mansukh Mandaviya.
- ❖ It contains initial letters of words Ayurveda and Aahar in English and Devanagari.
- ❖ In this logo, Hindi letter Aa, and English letter 'A' have been merged.
- ❖ It contains symbolic 5 leaves that represent five elements namely; ether, water, air, fire, and Earth.
- ❖ Green colour stands for natural, biotic, wholesome, organic and herbal.
- ❖ The logo will also reinforce the quality of Ayurvedic products.

MSP for Kharif crops

- ❖ The Union Cabinet has authorised an increase in the MSP for all 14 Kharif (summer) crops for the year 2022-23.

HIKE FOR ALL CROPS			
New MSP of kharif crops in 2022-23			
Crop	New MSP*	% hike over 2021-22	
Soybean	4,300	₹350 (Absolute*)	8.8
Jowar	2,970	₹232	8.4
Sesamum	7,830	₹523	7.1
Moong	7,755	₹480	6.5
Sunflower Seed	6,400	₹385	6.4
Cotton	6,080	₹354	6.1
Ragi	3,578	₹201	5.9
Groundnut	5,850	₹300	5.4
Niger Seed	7,287	₹357	5.1
Paddy	2,040	₹100	5.1
Maize	1,962	₹92	4.9
Tur	6,600	₹300	4.7
Urad	6,600	₹300	4.7
Bajra	2,350	₹100	4.4

*Rs per quintal; Paddy (Common); Jowar (Hybrid); Cotton (Medium Staple)

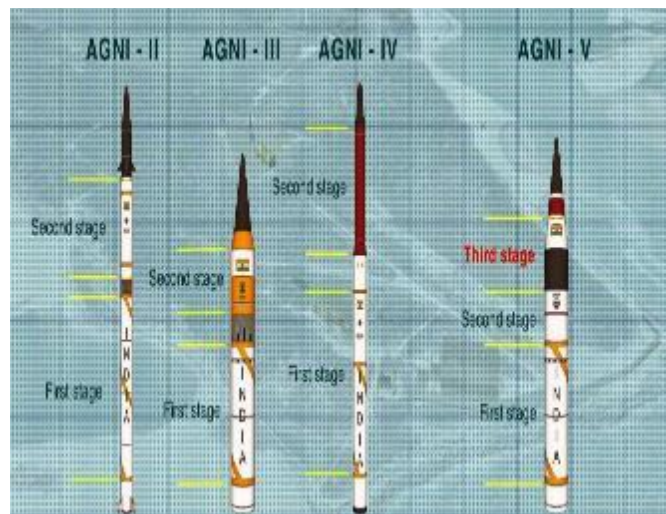
- ❖ The MSP for common grade paddy has been increased to 2,040 per quintal, up from 1,940 the previous year.
- ❖ The MSP of all the 14 crops for 2022-23 is higher by 46-131% when compared to 2014-15.

National Tribal Research Institute

- ❖ The union home minister has inaugurated the newly built National Tribal Research Institute (NTRI) in New Delhi.
- ❖ It will be a premier national level institute.
- ❖ Tribal Research Institute (TRI) is the research body of the Ministry of Tribal Affairs at the state level.

Agni-4 Missile

- ❖ The two-stage Agni-4 surface to surface missile was flight tested from Dr APJ Abdul Kalam Island, off the Odisha Coast
- ❖ It was carried out under the aegis of the Strategic Forces Command (SFC).
- ❖ It has been developed by the Defence Research and Development Organisation (DRDO).
- ❖ It has a strike range of 4,000 kms
- ❖ It was earlier known as Agni II prime.
- ❖ The road-mobile Agni-4 and Agni-5 are primarily meant for deterrence against China.
- ❖ The shorter-range missiles in India are designed for Pakistan.



16th Presidential polls

- ❖ The Chief Election Commissioner Rajiv Kumar under the Election Commission of India announced that the Presidential election would be held on July 18.
- ❖ The President Ram Nath Kovind's term comes to an end on July 24.
- ❖ It will be the first election after J&K became a Union Territory.
- ❖ However, the MLAs of the J&K are no longer part of this electoral college.
- ❖ The electoral college for the poll in 2022 would comprise 4,809 members — 233 Rajya Sabha MPs, 543 Lok Sabha MPs (776 MPs) and 4,033 MLAs of State Assemblies and the Assemblies of the Union Territories of Delhi and Puducherry.
- ❖ The total value of votes in 2022 would be 10,86,431 (5,43,200 for MPs or 700 votes each and 5,43,231 for MLAs based on 1971 Census population figures).
- ❖ While the total number of electors was 4,896 in 2017.
- ❖ In 2017, each MP had 709 votes and MLAs had a total vote of 5,49,495 based on the 1971 Census
- ❖ The Rajya Sabha Secretary General was declared as the Returning Officer for this election.
- ❖ The electors would cast their ballots using the pen provided by the EC as has been the norm

Schedule for Election	
Under sub-section (1) of Section (4) of the Presidential and Vice-Presidential Elections Act 1952, the schedule for the election of the President of India is given below	
Issue of Election Commission's notification calling the election	15.06.2022 (Wednesday)
Last date for making nominations	29.06.2022 (Wednesday)
Date for the scrutiny of nominations	30.06.2022 (Thursday)
Last date for the withdrawal of candidatures	02.07.2022 (Saturday)
Date on which a poll shall, if necessary, be taken	18.07.2022 (Monday)
Date on which counting, if required, shall be taken	21.07.2022 (Thursday)

National Air Sports Policy 2022

- ❖ The vision of NASP 2022 is to make India one of the top sports nations by 2023.
- ❖ The policy ensures to provide safe, affordable, accessible, enjoyable, and sustainable air sports in India.
- ❖ The Air sports included various sports events which are going to be in air medium.



Polyversity

- ❖ Information Data Systems has unveiled the Bharat Blockchain Network (Academic Blockchain Consortium) & Polyversity (Educational Metaverse).
- ❖ Polyversity is India's Largest Educational Metaverse.
- ❖ Over 100 Academic Partners establishing virtual campuses to make education more accessible, immersive and meaningful.

Operation Rakth Chandran

- ❖ The Directorate of Revenue Intelligence seized 840 logs of red sandalwood or red sandalwood under the Operation Rakth Chandran.
- ❖ It has been seized under the Customs Act, 1962.
- ❖ Its export is prohibited as per the country's foreign trade policy.

First Centralised AC Railway Terminal

- ❖ The country's first-ever centralised air-conditioned terminal was inaugurated recently in Bengaluru, Karnataka.
- ❖ The railway station has been named after Bharat Ratna and Indian civil engineer, Sir M Visvesvaraya.

Connecting countries through tourist train

- ❖ IRCTC will be India's first agency to connect two countries through the tourist train under Bharat Gaurav scheme of Indian Railways.

- ❖ The train will depart on the Shri Ramayan Yatra Circuit from New Delhi.
- ❖ The train, which will originate from Safdarjung Railways Station, will cover the distance of approx. 8,000 kms between India and Nepal.
- ❖ The train will run on the Ramayan Circuit identified under the Swadesh Darshan Scheme.

Intrusion Detection System

- ❖ All hyper-sensitive airports in India will be installed with perimeter intrusion detection system by December 2023.
- ❖ The Perimeter Intrusion Detection System is a sensor that helps in alerting the security agencies of any form of intrusion through the boundary walls of the airport.
- ❖ The system monitors the network traffic for suspicious activity and alerts when such activity is discovered.

Sagarmala Young Professional Scheme



- ❖ The Ministry of Ports, Shipping and Waterways has launched a scheme called “Sagarmala Young Professional Scheme”.
- ❖ It aims to engage talented, dynamic and forward-thinking young professionals in different divisions of the Ministry.
- ❖ It will also help in enhancing awareness for common concerns and joint resolve for identifying solutions in the long term.

Geospatial Self-certification portal

- ❖ The Department of Science and Technology has launched the “Geospatial Self-Certification Portal”.

- ❖ It aims to convey adherence to provisions of Geospatial Guidelines by individuals, organisations, companies, and government agencies.
- ❖ It is a significant step for liberalising geospatial industry in India.



Rashtriya Puruskar Portal



- ❖ Several Ministries of Government of India have instituted various civilian awards, for recognizing people who have made exceptional contribution and excelled in their fields.
- ❖ A common 'Rashtriya Puruskar Portal' has been developed by Government to invite nominations for various awards.
- ❖ It will bring all the Awards nominations of different Ministries or Departments or Agencies under one digital platform.
- ❖ This portal will help in ensuring transparency and public partnership (Jan Bhagidari).



Cross-border bus service

- ❖ The cross-border bus service between Bangladesh and India resumed after two years.
- ❖ This was suspended due to the COVID-19 pandemic.
- ❖ These Bus services run between
 - Agartala-Akhaura & ICP Haridaspur- Benapole.
 - Agartala-Dhaka-Kolkata-Agartala

National Museum of Customs and GST

- ❖ The Union Finance Minister has inaugurated the National Museum of Customs and GST “Dharohar” in Goa.
- ❖ Dharohar is one of its kind museums in the country.
- ❖ It showcases not only the artefacts seized by Indian Customs but also depicts various aspects of work performed by the Customs Department.

India's life expectancy

- ❖ India's life expectancy at birth has reached up to 69.7 during 2015-2019.
- ❖ Life expectancy at birth in India has increased by 20 years, from 49.7 in 1970-75 to 69.7 in 2015-2019.
- ❖ However, it is still below the global average of 72.6.
- ❖ This data was derived from the sample registration system (SRS).
- ❖ It was released by the Office of the Registrar General & Census Commissioner under the Ministry of Home Affairs.
- ❖ Gap between life expectancy at birth and life expectancy at one year or five year is largest in states like Madhya Pradesh and Uttar Pradesh.
- ❖ Madhya Pradesh has the highest IMR of 43.
- ❖ Uttar Pradesh has second highest IMR of 38.
- ❖ Odisha witnessed the highest increase from 45.7 to 69.8.
- ❖ Odisha is followed by Tamil Nadu which witnessed the increase from 49.6 to 72.6.
- ❖ Uttar Pradesh had the 2nd lowest life expectancy at birth of 65.6 years.
- ❖ Chhattisgarh is with life expectancy of 65.3.
- ❖ Kerala is the only state where rural life expectancy at birth is higher as compared to urban for both women and men.

- ❖ Bihar and Jharkhand are the only states where male life expectancy is higher than women in both urban and rural areas.

C'GARH HAS LOWEST LIFE EXPECTANCY

	Male	Female	Total (in %)
Delhi	74.3	77.5	75.9
Kerala	72.3	78	75.2
J&K	72.6	76.1	74.2
Himachal Pradesh	69.9	77.1	73.1
Punjab	71.1	74.7	72.8
Maharashtra	71.6	74	72.7
Tamil Nadu	70.6	74.9	72.6
West Bengal	71	73.2	72.1
Uttarakhand	67.6	73.9	70.6
Andhra Pradesh	68.9	71.8	70.3
Gujarat	67.9	72.8	70.2
Haryana	67.7	72.6	69.9
Odisha	68.5	71.1	69.8
Karnataka	67.9	71.3	69.5
Jharkhand	70.2	68.8	69.4
Bihar	69.6	68.8	69.2
Rajasthan	66.8	71.3	69
Assam	66.8	68.3	67.5
Madhya Pradesh	65.2	69.1	67
Uttar Pradesh	65	66.2	65.6
Chhattisgarh	63.7	66.9	65.3
India	68.4	71.1	69.7

Source: SRS abridged life tables 2015-19

Display Fabrication Unit

- ❖ India's first display fabrication unit is to be setup in Hyderabad.
- ❖ It will be set up under India Semiconductor Mission Programme of Ministry of Electronics & Information Technology.
- ❖ The Generation 6 AMOLED Display FAB will be set up in Hyderabad, for manufacturing next generation displays for tablet computers, smartphones, and laptops.

Agnipath Scheme

- ❖ A new recruitment scheme for Indian armed forces, known as Agnipath.
- ❖ Under the scheme, the youth will be given an opportunity to serve in the armed forces as "Agniveers."
- ❖ People between the age of 17.5 years and 21 years will be inducted into the armed forces as Agniveers for 4 years.
- ❖ On completion of the four-year tenure, about 25 per cent of the Agniveers will be enrolled in the armed forces as regular cadres for a minimum period of 15 years.
- ❖ The Agniveers will be given ₹ 11.71 lakh as Seva Nidhi Package on their exit.

- ❖ It will be exempt from Income Tax.
- ❖ However, there will be no pensionary benefits.



Eligibility
Age limit for applicants from 17 to 25 years.

Recruitment
Candidates will be enrolled under the respective Service Act for a service duration of four years including training period.
Recruitment is per frame and conditions.

Training
Imparted 3 years military training including training contract.

Service
Opportunity to serve the nation in varied terrain from mountains to deserts, on Land, Sea or Air.

FINANCIAL PACKAGE
Composite Annual Package
1st year package - approx. ₹ 4.75 Lacs
Upgradation upto approx. ₹ 6.50 Lacs in 4th year.

Advances
HRA & House Rent Allowance, Leave allowance as applicable.

Seva Nidhi
50% of monthly emoluments to be contributed by individuals.

Equal amount matched & contributed by the Government
Concess of approx. ₹ 11.21 Lacs after four years, exempted from Income Tax.

Death Compensation
Non-contributory life insurance cover of ₹ 48 Lakhs.
Additional to Gratuity of ₹ 44 Lakhs for death attributable to service.
May be utilised portion upto four years including 'Seva Nidhi' contribution.

Disability Compensation
Compensation based on % disability laid down by medical authorities.
One time ex gratia of ₹ 44/25/15 Lacs for 50%/75%/75% disability respectively.

On Completion
All candidates entitled 'Seva Nidhi' on completion of four years.
SAR Certified Certificate.

Screening Assessment
Centralised transparent screening based on merit and demonstrated performance during Service.
Agri-Service can apply on volunteer basis to crew in this regular cadre.

Selection
Selection through a centrally based transparent and rigorous system.
On who merit in regular cadre, pay fixed as regular soldier, Para on as per extant regulations.

Kranti Gatha

- ❖ 'Krant Gatha' is a newly created Gallery of Indian Revolutionaries inside the underground British – era bunker, Mumbai.
- ❖ The Gallery of Indian Revolutionaries has been created in the bunker that was discovered below Raj Bhavan in 2016.
- ❖ It is a tribute to the known and unknown revolutionaries of the Indian freedom movement.

Single-Window Clearance

- ❖ The Ministry of Coal launched a project information and management module of its Single-Window Clearance System.
- ❖ It aims to create a platform to obtain various clearances for operationalisation of coal mines in the country.

Central Advisory Board on Archaeology meet

- ❖ The Archaeological Survey of India informed that the Central Advisory Board of Archaeology is expected to meet, nearly after eight years.
- ❖ It is chaired by the Union Minister of Tourism and Culture Kishan Reddy.

- ❖ It was reconstituted for a period of three years, along with nominated non-government experts and five MP.
- ❖ The CABA Standing Committee had been meeting once a year to give recommendations to the ASI on excavation proposals.
- ❖ ASI was founded in 1861 by Alexander Cunningham.
- ❖ He also became its first Director-General.

Freezing administrative boundaries

- ❖ The population census exercise has been further pushed to 2023-24.
- ❖ It was originally scheduled to take place in 2021.
- ❖ The office of the Registrar General of India (RGI) has extended the deadline of freezing of administrative boundaries to December 31, 2022.

National e-Governance Service Delivery Assessment 2021

Ranking of State / UT Portals is as follows:

Rank	North-East and States	Remaining States Group A	Remaining States Group B	Union Territories
1	Nagaland	Kerala	Odisha	Jammu & Kashmir
2	Meghalaya	Tamil Nadu	Uttar Pradesh	Andaman & Nicobar Islands
3	Assam	Punjab	Bihar	Puducherry
4	Sikkim	Karnataka	Jharkhand	Delhi
5	Tripura	Telangana	West Bengal	Chandigarh
6	Himachal Pradesh	Goa	Madhya Pradesh	Ladakh
7	Uttarakhand	Haryana	Chhattisgarh	
8	Mizoram	Andhra Pradesh	Rajasthan	
9	Arunachal Pradesh	Maharashtra		
10	Manipur	Gujarat		

- ❖ The National e-governance service delivery assessment (NeSDA) report 2021 was published recently
- ❖ In this edition, Jammu and Kashmir was assessed for the first time.
- ❖ It has been ranked at 1st position among Union Territories.
- ❖ It has overall compliance of around 90 per cent for national e-governance service delivery assessment.



- ❖ Overall, Kerala had the highest overall compliance score amongst all the States and UTs.
- ❖ Meghalaya and Nagaland were ranked at top in State Portals with overall compliance of over 90 per cent.
- ❖ Among Services Portals for North-East and Hill States, Meghalaya and Tripura were ranked highest.
- ❖ Punjab, Rajasthan, and Tamil Nadu are the leading states with compliance of over 75 per cent on parameters for Services Portals.

World's biggest green hydrogen ecosystem

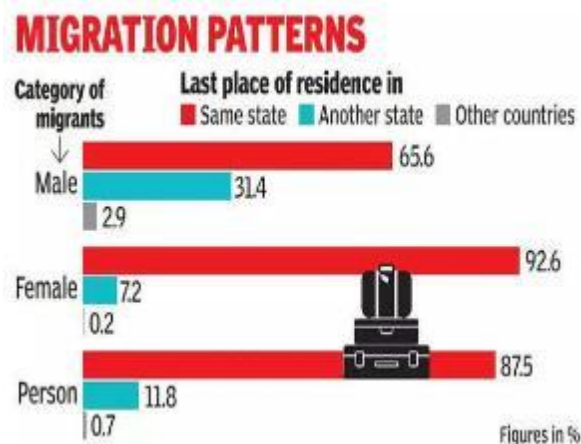
- ❖ Adani group and TotalEnergies will create the world's largest green hydrogen ecosystem.
- ❖ India is the world's third-biggest emitter of carbon dioxide.
- ❖ It plans to produce 5 million tonnes of green hydrogen annually by 2030 to help become a net-zero carbon emitter by 2070.
- ❖ TotalEnergies is one of the world's biggest oil and gas producers.

First green hydrogen fueling station

- ❖ Amara Raja Power Systems will build the country's first green hydrogen fueling station for the National Thermal Power Corporation.
- ❖ This will be built at Leh, Ladakh.

Migration in India 2020-21

- ❖ Migration in India 2020-21 report was recently released by Ministry of Statistics and Programme Implementation.
- ❖ Pandemic have forced 51.6 per cent of men from urban India to migrate rural homes.
- ❖ The rural-to-rural male migration stands at 44.6 per cent.
- ❖ Rural-to-rural female migration stands at 88.8 percent due to migration of women to their husbands' homes post marriage.
- ❖ Male migration from other countries to rural areas was 3.9% as opposed to 2.3 percent in urban areas.
- ❖ Rural migration rate stands at 6.5 per cent, while urban migration rate stands at 34.9 per cent.
- ❖ Overall migration rate is 28.9 per cent.



5th anniversary of UDAN

- ❖ This year, 2022 marks the fifth anniversary of the, Ude Desh ka Aam Naagrik (UDAN) scheme.
- ❖ UDAN initiative is a regional airport development programme that is part of the Regional Connectivity Scheme.
- ❖ Over 415 UDAN routes connect 66 underserved/unserved airports, including heliports and water aerodromes.

Industry-first credit line service

- ❖ CASHe has launched an industry-first credit line service using its AI-powered chat capability on WhatsApp.
- ❖ It aims to provide customers with a fast, seamless and convenient way to access instant credit line by merely typing their name.

Industrial Decarbonization Summit 2022

- ❖ Union Minister for Road Transport and Highways, inaugurated the “Industrial Decarbonization Summit 2022”- road map for carbon neutrality.
- ❖ It focused on variety of research topics related to decarbonization, Policy issues, sustainability, Climate Change including their management, etc.

BIS for ‘Mitticool refrigerator’

- ❖ The “Bureau of Indian Standards (BIS)” recently developed an Indian Standard for “non-electric cooling cabinet made of clay or “Mitticool refrigerator”.
- ❖ The developed standard is “IS 17693: 2022”.

- ❖ Mitticool refrigerator has been invented by Mansukh Bhai Prajapati of Gujarat.
- ❖ Mitticool is a clay-based natural refrigerator to store fruits, vegetables, and milk, and cooling water.
- ❖ Stored foodstuffs can be kept cool naturally without using electricity.



10% quota for Agniveers



- ❖ The Centre announced a 10% reservation for Agni veers in the Central Armed Police Forces (CAPF) and Assam Rifles recruitment.
- ❖ The Ministry of Home Affairs also decided to grant a three-year age relaxation to Agni veers in the CAPFs and Assam Rifles who are between the ages of 17.5 and 21.
- ❖ The initial class of recruits will be given a five-year extension on the maximum age limit.
- ❖ The central government increased the upper age limit for the scheme from 21 to 23 years in a one-time waiver.

National Yoga Olympiad 2022

- ❖ The National Yoga Olympiad 2022 was inaugurated by the Union education and skill development and entrepreneurship Minister Dharmendra Pradhan.
- ❖ This is being organized by the Ministry of Education and the National Council of educational research and training (NCERT).
- ❖ The NCERT has started the national yoga Olympiad in 2016.
- ❖ This year the theme of the national yoga Olympiad is “Yoga for Humanity”.

King Hamad Bin Isa Al-Khalifa Prize

- ❖ “Use of ICT in PM e-Vidya scheme” by Ministry of Education won UNESCO’s recognition, called King Hamad bin Isa Al-Khalifa Prize.
- ❖ The programme unifies all efforts associated to digital, on-air, online education.
- ❖ It aims to enable multi-mode access for imparting education using technology to minimise learning losses.
- ❖ Central Institute of Educational Technology (CIET) has been awarded with the King Hamad bin Isa Al-Khalifa Prize for year 2021.

Operation Sankalp



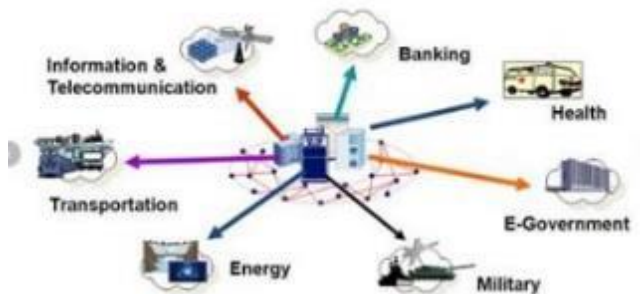
- ❖ The Indian Navy has launched the Operation Sankalp in the Gulf region.
- ❖ INS Talwar is deployed for “Operation Sankalp”.
- ❖ It was started to ensure safe passage of Indian Flag Vessels passing through Strait of Hormuz.

Coastal clean-up campaign

- ❖ The Union Government announced a coastal clean-up initiative for 75 beaches in 2022.
- ❖ The Coastal Clean-up drive will start from July 3 and will conclude on September 17, 2022.
- ❖ This year, September 17 will also mark the 'International Coastal Clean-up Day 2022'.

Critical information infra

- ❖ The Ministry of Electronics and IT (MeitY) has declared the IT resources of ICICI Bank, HDFC Bank and UPI managing entity NPCI as 'critical information infrastructure'.
- ❖ It is implying that any harm to them can have an impact on national security.
- ❖ Any unauthorised person accessing these resources may be jailed for up to 10 years.
- ❖ Under the Information Technology Act of 2000, Centre has the power to declare any data, database, IT network or communications infrastructure as CII to protect that digital asset.



MoHUA NIPUN Initiative

- ❖ An Innovative project called "National Initiative for Promoting Upskilling of Nirman workers (NIPUN) was launched.
- ❖ This Initiative was launched for skill training of 100,000 construction workers.
- ❖ It has been launched under the flagship scheme of "Deendayal Antyodaya-Yojana National Urban Livelihoods Mission (DAY-NULM)".
- ❖ Under the scheme, the construction workers will be trained through fresh skilling and upskilling programs.
- ❖ The NIPUN Project will be implemented by the National Skill Development Corporation.



Deletion of 111 Political parties

- ❖ The Election Commission of India (ECI) has ordered the deletion of 111 registered unrecognized political parties that it found to be “non-existent”.
- ❖ It referred three of the parties to the Department of Revenue for legal action for “serious financial impropriety”.
- ❖ The Representation of the People Act, 1951 provides ECI to register and de-register the political parties.
- ❖ This was the second such action in the recent past against registered parties that have been found violating the RP Act, 1951.

One Nation One Ration Card

- ❖ Assam has become the 36th State to implement the One Nation One Ration Card (ONORC) scheme.
- ❖ With this, the ONORC plan is successfully implemented in all 36 states, and Union Territories.
- ❖ The ONORC scheme is being implemented under National Food Security Act (NFSA).
- ❖ It was initiated in August 2019 by the Ministry of Consumer Affairs, Food and Public Distribution.
- ❖ It is a scheme that will nationalise a beneficiary's ration card by a process called Aadhaar Seeding.
- ❖ Aadhaar seeding ensures that the beneficiary can pick up their entitled food grain from any fair price shop in the country.

PM Yoga Award

- ❖ On the occasion of International Yoga Day, the AYUSH ministry has announced to give the ‘Prime Minister’s Award for Outstanding Contribution towards the Development and Promotion of Yoga’ for 2022.
- ❖ Two individuals Bhikkhu Sanghasena from Ladakh, Marcus Vinicius Rojo Rodrigues from Brazil and two organisations, “The Divine Life Society” from Uttarakhand and the British Wheel of Yoga from United Kingdom have been chosen for award.



Droupadi Murmu

- ❖ She may become India's First Tribal and Second Female President.
- ❖ BJP leader JP Nadda announced Murmu's candidacy.
- ❖ She is an Odisha-based Santhal Tribe.
- ❖ If elected, Murmu will become the second woman to hold the office of President following UPA supporter Pratibha Patil (2007–12).

Yashwant Sinha

- ❖ Yashwant Sinha's name was finalised as the common opposition candidate for the upcoming Presidential Elections 2022.
- ❖ He had joined IAS in 1960.
- ❖ He resigned from the service in 1984 to join politics.
- ❖ Sinha was a senior leader of the Bharatiya Janata Party
- ❖ But he left the party in April 2018 and joined the Trinamool Congress.

Delhi airport

- ❖ Delhi Airport has become the first airport in the country to run entirely on hydro and solar power.
- ❖ It is a major step toward achieving the ambitious goal of becoming a Net Zero Carbon Emission Airport by 2030.
- ❖ It has signed a long-term power purchase agreement (PPA) with a Himachal Pradesh-based hydropower producing company for the supply of hydroelectricity for the airport until 2036.
- ❖ Delhi International Airport Limited (DIAL) is a GMR Infrastructure Limited-led consortium.



National Investigation Agency (NIA)

- ❖ Former DGP of Punjab Dinkar Gupta was appointed as the new Director General of National Investigation Agency (NIA).
- ❖ NIA is the primary counter-terrorists task force of India.
- ❖ It investigates terror related crimes, without getting any special permission from states under written proclamation from Ministry of Home Affairs.
- ❖ It was established in 2008 by the National Investigation Agency Act 2008.
- ❖ It was the aftermath of 26/11 terror attack in Mumbai.

Common University Entrance Test (CUET) 2022

- ❖ The central Universities in the North Eastern States and Uttarakhand have been exempted from the CUET 2022 norms.
- ❖ The main reasons are the issue of geographical conditions, hilly terrain, far-flung location, limited digital connectivity, infrastructure.
- ❖ The government made it compulsory for all centre universities to consider the scores of CUET for admissions for the academic year of 2022-23.
- ❖ It applied to both private and government-aided universities.



Central Universities - Common Entrance Test (CU-CET) 2022

National Conference on Millets

- ❖ The Union Minister of State for Food Processing Industries, Prahlad Singh Patel has inaugurated the National Conference on Millets.
- ❖ The theme of the conference is 'The Future Super Food for India' in New Delhi.
- ❖ It was organised by industry body ASSOCHAM with the support of Ministry of Food Processing Industries.
- ❖ India is now the 5th largest exporter of millets globally.
- ❖ The year 2023 will be the international year of millets.

National MSME Award 2022

- ❖ Odisha bags first prize for Outstanding Development of Sector.
- ❖ In National MSME Award 2022, Kalahandi has been awarded the third prize in the category 'National MSME Award 2022 to Aspirational districts'.

BRO Cafes

- ❖ The Border Roads Organization will build 75 outlets along various route segments in 12 states and union territories under the name "BRO Cafes".



- ❖ These are designed to offer fundamental comforts and amenities to visitors, increase economic activity in border regions, and create jobs for the local population.
- ❖ The Border Roads Organization comes under the Ministry of Defence.

Transfer of NDPS

- ❖ The Narcotic Drugs and Psychotropic Substances (NDPS) Act of 1985 and the Prevention of Illicit Traffic in Narcotic Drugs and Psychotropic Substances Act of 1988 are currently administered by the Department of Revenue (DoR) in the finance ministry.
- ❖ While the Narcotics Control Bureau is under the control of the home ministry.
- ❖ Now the Union Government is planning to bring all matters relating to narcotics under one department, the Ministry of Home Affairs.
- ❖ Under the terms of the NDPS Act, the Narcotics Control Bureau (NCB) is a major law enforcement and intelligence organisation entrusted with preventing the use and trafficking of illegal drugs.

Surya Nutan

- ❖ Indian Oil Corporation (IOC) unveiled its patented indigenous solar cook top called Surya Nutan.
- ❖ Surya Nutan has been developed by Faridabad R&D centre of the oil refiner (IOC).
- ❖ The solar cook top will aid in reducing CO2 emissions of India drastically.
- ❖ It keeps its citizens insulated from high international fossil fuel prices.
- ❖ It is a rechargeable, stationary, and kitchen-connected indoor solar cooking system.
- ❖ Solar cook top works in hybrid mode.
- ❖ Thus, it can run on solar energy as well as auxiliary energy sources simultaneously.

Vanijya Bhawan and NIRYAT Portal

- ❖ Prime Minister Narendra Modi inaugurated the new “Vanijya Bhawan”.
- ❖ It is the new office complex for the Ministry of Commerce and Industry.
- ❖ He also launched the NIRYAT Portal.
- ❖ It stands for “National Import-Export Record for Yearly Analysis of Trade portal”.
- ❖ The portal has been developed as one-stop platform for stakeholders to provide necessary information related to foreign trade of India.



Odisha's Mo Bus

- ❖ Mo Bus is the bus service of Odisha's Capital Region Urban Transport (CRUT) authority
- ❖ It has been recognised by the United Nations as one of 10 global recipients of its annual Public Service Awards for 2022.
- ❖ Mo Bus has incorporated "real-time technologies like live tracking, travel planner and e-ticketing".
- ❖ And an e-rickshaw system called 'Mo E-Ride' has been introduced as a last-mile feeder service.

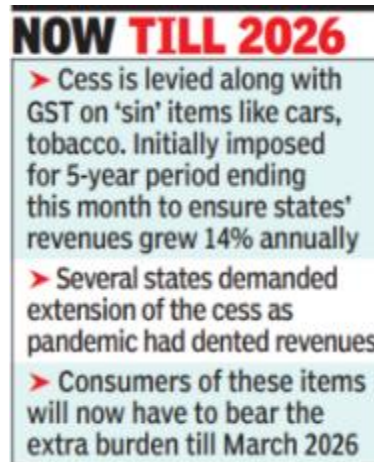
New CEO of NITI Aayog

- ❖ Parameswaran Iyer, a 1981-batch IAS officer of Uttar Pradesh cadre, has been appointed the chief executive officer of NITI Aayog.
- ❖ He replaces Amitabh Kant, who completes his term in the office on June 30
- ❖ He will get at least two years in the post.
- ❖ He helmed Swachh Bharat Abhiyan.
- ❖ At present, he functions as the Programme Manager of 2030 Water Resources Group, a platform hosted by the World Bank for water conservation
- ❖ The Prime Minister appoints Chief Executive Officer (CEO) who holds the rank of a secretary.
- ❖ The Appointments Committee of Cabinet cleared his name for the post.

GST compensation cess extension

- ❖ The Central government has extended the time to levy GST compensation cess, till March 31, 2026.
- ❖ The levy of cess was scheduled to end on June 30, 2022.
- ❖ However, the GST Council decided to extend it further.
- ❖ GST was rolled out in India, with effect from July 1, 2017.
- ❖ States were assured of compensation for loss of any revenue, in the aftermath of implementation of GST for five years.
- ❖ Provision of compensation cess was created under the GST (Compensation to States) Act, 2017.
- ❖ The act assumed that there will be an increase by 14 percent in the GST revenue of each State, from the amount collected in 2015-16.

- ❖ It was specified that, in case state had collected tax less than 14% in any year, they would be compensated for shortfall.
- ❖ This amount was decided to be paid every two months, on the basis of provisional accounts.
- ❖ The compensation cess fund was created to pay states for any revenue shortfall.



Father of the Public Sector Undertakings in India

- ❖ V Krishnamurthy recently passed away at the age of 97 in Chennai.
- ❖ He a former Chairman of Steel Authority of India Limited (SAIL) and Maruti Udyog Ltd (now Maruti Suzuki).
- ❖ He was instrumental in the development of the Maruti 800.

New RAW Chief

- ❖ Samant Kumar Goel's contract as secretary of the intelligence agency's Research and Analysis Wing (RAW) was extended by the Centre 24 by another year.
- ❖ The RAW is an external intelligence organisation that monitors dangers from abroad.
- ❖ RAW collects secret information about the activities of neighbouring countries.
- ❖ RAW has been placed directly under the Indian Prime Minister's office.

Draft General Statutory Rules (GSR) Notification

- ❖ The union minister for Road Transport and Highways, Nitin Gadkari has approved the Draft GSR Notification to introduce Bharat NCAP (New Car Assessment Program).



- ❖ As per this, automobiles in India shall be accorded Star Ratings based upon their performance in Crash Tests.
- ❖ Bharat-NCAP will serve as a consumer-centric platform allowing customers to opt for safer cars based upon their star-ratings.
- ❖ It will be promoting a healthy competition in India to manufacture safer vehicles.

Standards for EV batteries

- ❖ The Bureau of Indian standards published Test Specifications for Lithium-ion (Li-ion) Traction Battery Packs and Systems (Performance Testing) for Electric Vehicle.
- ❖ The standard IS 17855:2022 for these battery packs and systems is harmonised with ISO 12405-4: 2018.
- ❖ BIS is the National Standard Body of India working under Department of Consumer affairs of Ministry of Consumer Affairs, Food & Public Distribution.
- ❖ It was established by Bureau of Indian Standards Act, 2016
- ❖ It is for the harmonious development of the activities of standardization, marking and quality certification of goods.
- ❖ It involves Certification, Hallmarking (Gold jewellery), Eco Mark (environmentally friendly products), Compulsory registration (for electronic items) and Laboratory services.

INTERNATIONAL

French Riviera Film Festival

- ❖ Bollywood actor, Nawazuddin Siddiqui has been honoured with an international award for his contribution to cinema.
- ❖ At the prestigious French Riviera Film Festival, Emmy award-winning American actor Vincent De Paul bestowed the honour to Siddiqui.
- ❖ This is not the first time that Nawazuddin has brought accolades back home.
- ❖ Previously, the actor was chosen as one of the delegates to receive awards on behalf of the nation at the Cannes Film Festival.

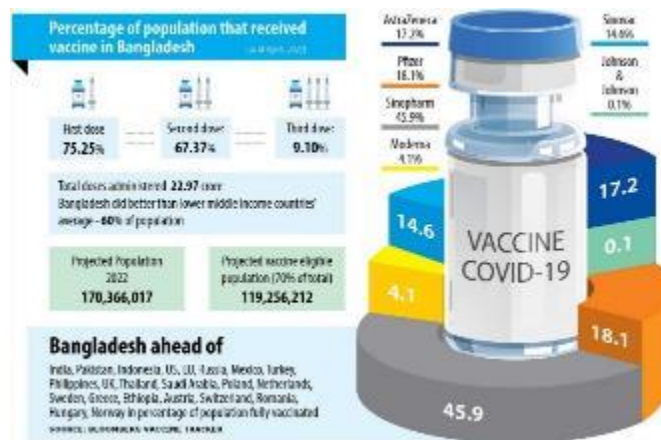
World's largest petroleum research Centre

- ❖ Kuwait plans to start building the world's largest petroleum research centre.
- ❖ The centre, to be built in al-Ahmadi, south of Kuwait City, will have 28 laboratories.
- ❖ It will seek to develop improved production and refining techniques that can be used by the industry for different applications including the extraction of heavy crude and non-associated gas.

First Arab free trade deal

- ❖ Israel has inked its first free trade agreement with an Arab country, with the United Arab Emirates.
- ❖ It provides customs exemption on 96% of trade between the countries: food, agriculture, cosmetics, medical equipment, medication, and more.

Top recipient of Covid vaccines



- ❖ More than 11.7 crore individuals, or almost 69 percent of Bangladesh's population, have received two doses of the vaccine.
- ❖ COVAX is responsible for more than 62 percent of the doses delivered to Bangladesh.
- ❖ The COVAX facility, is a worldwide effort co-led by the Coalition for Epidemic Preparedness Innovation, Gavi, and the World Health Organization.

Bitcoin as legal tender

- ❖ The Central African Republic became the second country in the world to adopt Bitcoin as legal tender.



- ❖ It is also the first African country to adopt Bitcoin as an official currency.
- ❖ The Central African Franc is the official currency of 6 countries including the Central African Republic.
- ❖ El Salvador is the first country which adopted Bitcoin as an official currency

Rejection of Indian Durum wheat

- ❖ Turkish Ministry of agriculture and forestry rejected Indian wheat consignment
- ❖ It was detected with Indian Rubella disease.
- ❖ Rubella is a contagious disease caused by a virus.
- ❖ It spreads when someone who is infected coughs or sneezes tiny germ-filled droplets into the air and on surfaces.
- ❖ Until the 1960s, Rubella was a common childhood infection.
- ❖ But after the MMR vaccine came in the market, the virus stopped spreading in the United States around 2004.

Ancient city in Iraq

- ❖ An ancient Iraqi city has been unearthed in the Kurdistan region of Kemune in the country.
- ❖ It is estimated to be close to 3,400 years old Bronze Age.
- ❖ The reason behind its sudden discovery is actually a drought that has depleted the water levels in Iraq's largest reservoir.
- ❖ Team of archaeologists have stated that this ancient city was probably a key hub during the reign of the Mittani Empire from 1550 BC to 1350 BC.

Commercial Flight from Yemen to Egypt

- ❖ The first commercial flight operated from Sanaa Airport, Yemen to Cairo, Egypt
- ❖ This was the seventh flight that was operated under the terms that were brokered by the United Nations.
- ❖ In 2014, the Yemen civil war erupted after the Houthis seized the capital of the country, Sanaa.
- ❖ In early 2015, the Saudi-led coalition entered the war in a bid to restore the government.

Renaming of Turkey

- ❖ Hereafter, Turkey will be known as Türkiye at the United Nations.
- ❖ Domestically, citizens refer to the land as Türkiye.
- ❖ But its anglicised version 'Turkey' was adopted internationally.
- ❖ 'Turkey' was adopted following the country's independence in 1923.

Other renamed countries

- ❖ The Netherlands name was changed its name from Holland.
- ❖ Macedonia changed its name to North Macedonia due to political disputes with Greece
- ❖ Iran changed its name from Persia in 1935.
- ❖ Siam changed its name to Thailand.
- ❖ Rhodesia was changed to Zimbabwe to drop its colonial legacy.



Queen Elizabeth II's 70-year reign

- ❖ The Platinum Jubilee of Elizabeth II is being celebrated in 2022 in the United Kingdom and the Commonwealth of Nations.
- ❖ It marks the 70th anniversary of the accession of Queen.
- ❖ Elizabeth II became the queen on February 6, 1952, on the death of her father King George VI.
- ❖ Elizabeth's formal coronation took place on June 2, 1953.
- ❖ Queen Elizabeth II is the first to reach this milestone.

3rd Crewed Mission of Mission



- ❖ China successfully launched the 3rd Crewed Mission to its New Space Station.
- ❖ The Chinese Astronauts were lifted off on Shenzhou-14 spacecraft.
- ❖ It was launched by a Long March 2F rocket from Jiuquan Satellite Launch Centre, located in Gobi Desert of Inner Mongolia.
- ❖ They will live and work at Tianhe core module of Tiangong Space Station.

Bloomberg Billionaires list 2022

BLOOMBERG BILLIONAIRES INDEX		
	RANK	NETWORTH (USD BN)
Elon Musk	1	227.5
Jeff Bezos	2	149.4
Bernard Arnault	3	138.3
Bill Gates	4	123.6
Warren Buffett	5	114.1
Larry Page	6	106.4
Sergey Brin	7	101.9
Mukesh Ambani	8	99.7
Gautam Adani	9	98.7
Steve Ballmer	10	96.8

- ❖ Reliance Industries Chairman Mukesh Ambani has regained the position of India as well as Asia's richest man.
- ❖ He is replacing Adani Group Chairman Gautam Adani.



- ❖ Adani is ranked ninth position.
- ❖ Tesla CEO Elon Musk remains the world's richest person.
- ❖ Amazon's Jeff Bezos is the second richest man.

Global Plastics Outlook: Policy Scenarios to 2060

- ❖ It is a report released by the Organisation for Economic Co-operation and Development (OECD).
- ❖ It has found that by 2060, the amount of plastic waste produced globally is set to triple.
- ❖ It estimates that around half will end up in landfill and less than a fifth will be recycled.
- ❖ Almost two-thirds of plastic waste in 2060 will be from short-lived items such as packaging, low-cost products and textiles.
- ❖ In developing and emerging countries in Africa and Asia, this growth will be fastest.
- ❖ However, the report highlights that OECD countries will produce more plastic waste per person (238 kg per year on average) in 2060 than non-OECD countries (77 kg).
- ❖ Most pollution comes from larger debris known as macro plastics.
- ❖ But leakage of microplastics (synthetic polymers less than 5 mm in diameter) from items like industrial plastic pellets, textiles and tyre wear is also a serious concern.

25th anniversary of BIMSTEC

- ❖ The Secretariat of the Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC) in Dhaka celebrated the 25th Anniversary on 6th June, 2022.
- ❖ It evolved from the signing of the Bangkok Declaration on June 6 in 1996.
- ❖ The signature of the BIMSTEC Charter was done during the Fifth Summit in Colombo on March 30, 2022.
- ❖ Its headquarters is located in Dhaka, Bangladesh.
- ❖ Bangladesh, Bhutan, India, Myanmar, Nepal, Sri Lanka, and Thailand are members of BIMSTEC.

Season of Culture

- ❖ Music Maestro AR Rahman has been appointed as ambassador of The Season of Culture.
- ❖ It marks the 75th anniversary of India's independence.
- ❖ The Season of Culture aims to strengthen India-UK collaboration in the areas of arts, English and education.

QS World University Rankings 2023

National rank	Name of university	Global rank/bracket
1	IISc Bangalore	155
2	IIT Bombay	172
3	IIT Delhi	174
4	IIT Madras	250
5	IIT Kanpur	264
6	IIT Kharagpur	270
7	IIT Roorkee	369
8	IIT Guwahati	384
9	IIT Indore	396
10	University of Delhi	521-30

- ❖ The QS (Quacquarelli Symonds) has released the 19th edition of the international university rankings.
- ❖ The QS is the London-based global higher education ranking.
- ❖ It is the only international ranking to have received the approval of International Ranking Expert Group (IREG).
- ❖ The latest edition features 41 Indian universities.
- ❖ Jindal Global University is the top-ranked private institute in India.
- ❖ The ranking was topped by the United States' Massachusetts Institute of Technology (MIT) followed by the University of Cambridge in the United Kingdom (UK) and Stanford University (US).

Humanitarian assistance to Sri Lanka

- ❖ United Nations has planned to provide humanitarian assistance of around \$48 million over a four-month period to Sri Lanka



- ❖ India's financial assistance worth over \$3 billion since January is to provide essential items, including food, fuel, cooking gas and medicines.
- ❖ Sri Lanka's total foreign debt is \$51 billion.

Australia-India water Security initiative

- ❖ The Union Cabinet has approved a MoU between India and Australia on Technical Cooperation for Australia –India water Security initiative (AIWASI).
- ❖ It aims to work towards the Water Sensitive City vision which is based on holistic management of the integrated water cycle.
- ❖ AIWASI will strengthen India's water governance and undertake investments that provide.
 - Urban water services,
 - Support to disadvantaged communities to access reliable, safe water and sanitation services.

Summit of the Americas 2022

- ❖ The Ninth Summit of the Americas 2022 was held recently in Los Angeles, California, USA.
- ❖ The Theme of the Summit is "Building a Sustainable, Resilient, and Equitable Future".
- ❖ United States selects the site of this summit as a host and its attendees.
- ❖ For this year's summit, US did not invite Cuba, Nicaragua and Venezuela
- ❖ Because these countries are accused of having undemocratically elected leaders.

Minister for Republic

- ❖ Australia appointed an "Assistant Minister for The Republic".
- ❖ This is aims to ending the leadership of Queen Elizabeth II.
- ❖ Thus, British monarch will no longer be considered the head of the state.
- ❖ Monarchy of Australia is a form of government in Australia.
- ❖ It is embodied by Australian sovereign and head of state.
- ❖ Elizabeth II is the present Monarch and styled Queen of Australia.
- ❖ She is represented in Australia as a whole by the Governor-General, in accordance with the Australian Constitution.



- ❖ The Governor-General and governors are appointed by the Monarch, on the advice of State and Federal government respectively.

Resolution on Multilingualism

- ❖ The UNGA adopted an India-led resolution on multilingualism mentioning Hindi language for the first time.
- ❖ This resolution encourages United Nations to continue disseminating important communications and messages in official and non-official languages, including Hindi.
- ❖ This UN resolution also mentions Urdu and Bangla for the very first time.

WTO 12th Ministerial conference

- ❖ The 12th Ministerial Conference of World Trade Organization started recently.
- ❖ It is being held at WTO headquarters in Geneva, Switzerland.
- ❖ It was due to take place in 2021.
- ❖ But got postponed due to covid-19 pandemic.
- ❖ They will discuss about vaccine distribution, trade facilitation, export restrictions, and improved transparency in medical supply chains.
- ❖ This conference is usually held every two years.

Shangri-La Dialogue

- ❖ The 19th Shangri-La Dialogue was hosted in Singapore after two-years.
- ❖ The Asia's premier security summit was discontinued due to covid-19 pandemic.
- ❖ It is hosted by International Institute for Strategic Studies (IISS).
- ❖ The Shangri-La Dialogue is officially known as Asia Security Summit.
- ❖ It is held annually, but could not held in 2020 and 2021.
- ❖ The Shangri-La Dialogue is officially known as Asia Security Summit.

Naval exercises in Baltic Sea

- ❖ U.S. led naval exercise commenced in the Baltic Sea, with 16 nations.
- ❖ It also including two aspiring NATO members, Finland and Sweden.
- ❖ BALTOPS, an annual naval exercise that began in 1972, is not performed in response to any specific danger.

Ex Khaan Quest 2022

- ❖ A Multinational Peacekeeping exercise “Ex Khaan Quest 2022” commenced in Mongolia.
- ❖ It is featuring participation from military contingents from 16 countries.
- ❖ Khaan Quest 2022 is a multinational peacekeeping operations exercise conducted in Mongolia.

Legalisation of cannabis

- ❖ Thailand became the first country in Asia to decriminalise cannabis.
- ❖ However, tough penalties will still apply to those who use the drug to get high.
- ❖ Thailand will promote cannabis policies for medical purposes.

Non-permanent members for UNSC



- ❖ Ecuador, Japan, Malta, Mozambique, and Switzerland were elected to the United Nations Security Council as non-permanent members for the 2023-2024 term.
- ❖ India’s two-year period as a non-permanent member of the UNSC will finish in December 2022.
- ❖ It also simultaneously holding the Presidency of the powerful UN body.

MGNREGA ombudsman

- ❖ N J Ojha has been appointed as ombudsman for a two-year term under the Mahatma Gandhi National Rural Employment Guarantee Scheme.
- ❖ He has the power to receive complaints from MGNREGA workers.
- ❖ He will consider such complaints, pass awards within 30 days from the date of receipt of complaints.
- ❖ And he issues direction for conducting spot investigation.

- ❖ He, may initiate proceedings 'suo motu' if there are any grievance including on issues related to delayed payment of wages or non-payment of unemployment allowance.

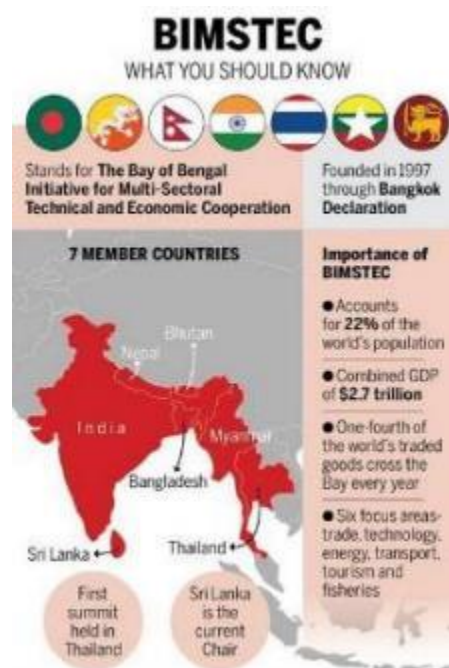
IND-INDO CORPAT

- ❖ The 38th CORPAT is the first post pandemic Coordinated Patrol (CORPAT) between the two countries.
- ❖ It includes a visit by the Indonesian Navy units to Andaman & Nicobar Command at Port Blair.
- ❖ The two Navies have been carrying out CORPAT along their International Maritime Boundary Line since 2002.

India - EU First-ever Security Consultations

- ❖ The First-ever India-European Union (EU) Security and Defence Consultations held in Brussels.
- ❖ The consultations were held in accordance with the decision taken at India-EU Summit in July 2020
- ❖ Discussions covered the evolving security situation in Europe, Indo-Pacific and India's neighbourhood.

BIMSTEC Technology Transfer Center



- ❖ The Union Cabinet has approved a Memorandum of Association (MoA) by India for establishment of BIMSTEC) Technology Transfer Facility.
- ❖ This Centre will be established at Colombo, Sri Lanka.
- ❖ Facilities provided by this centre
 - Databank of technologies available in BIMSTEC Countries,
 - Transfer and use of technologies among BIMSTEC countries.

West Asia Quad Dialogue

- ❖ The United States is set to launch a new four-nation dialogue “West Asia Quad Dialogue”.
- ❖ This includes USA, India, United Arab Emirates and Israel.
- ❖ The West Asia Quad Dialogue will also be called as I2U2.
- ❖ I2 for India and Israel while U2 for US and the UAE.
- ❖ It will focus on West Asia.
- ❖ It was inaugurated in October 2021



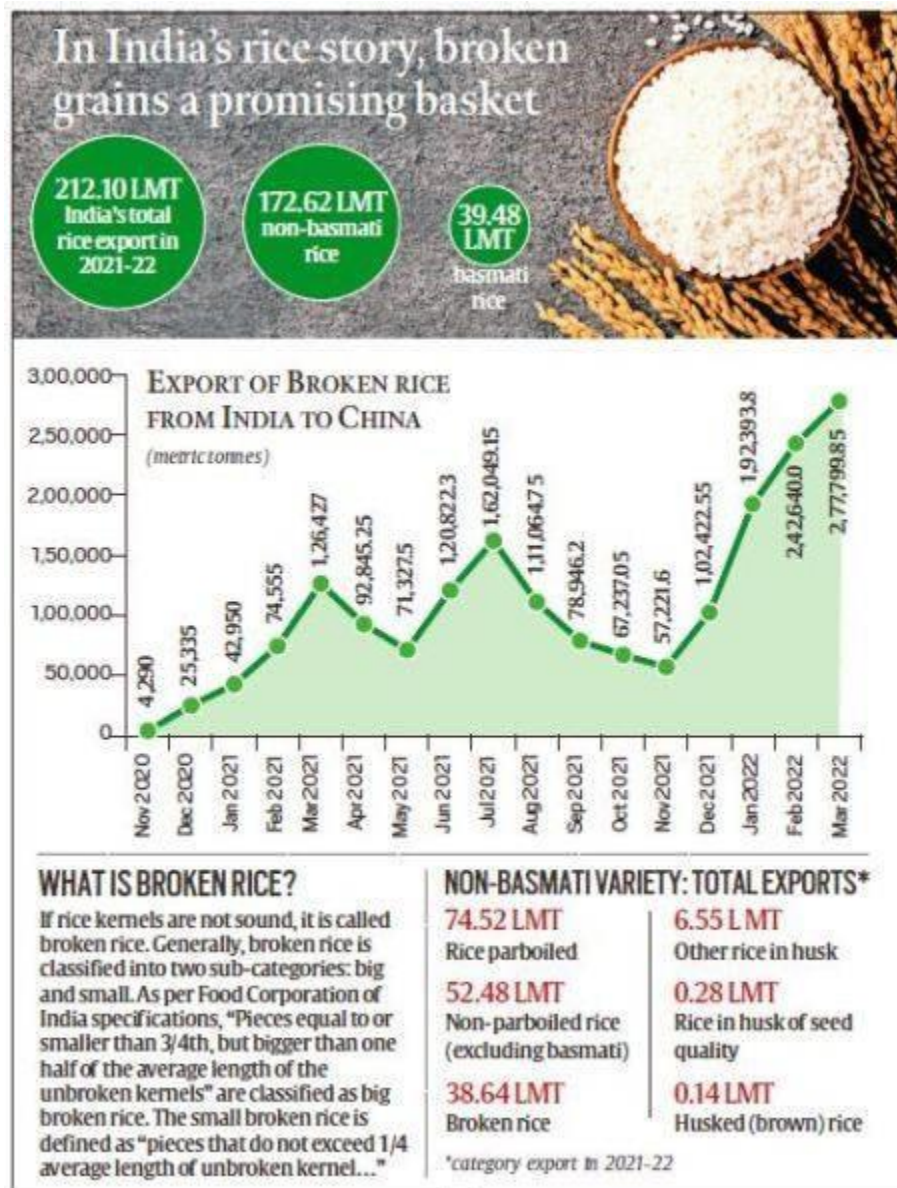
12th Ministerial conference of WTO - Geneva

- ❖ This conference usually takes place once in two years.
- ❖ The Committee for negotiations on fisheries subsidies finalised the draft, that will be taken up by ministers.
- ❖ It is not in line with India’s demand to end non-specific fuel subsidies.
- ❖ It mentions a transition period of seven years for developing nations to exempt some developing countries from subsidy cuts, against India’s proposal of 25.
- ❖ The Transition period was being negotiated by member nations recently.

Country of the year

- ❖ Europe's biggest startup conference - Vivatech 2020 has recognized India as the "country of the year."
- ❖ "This is a great honour for India to be recognized as the country of the year for Vivatech 2020.
- ❖ This is due to the contribution of the Indian startups to the world.

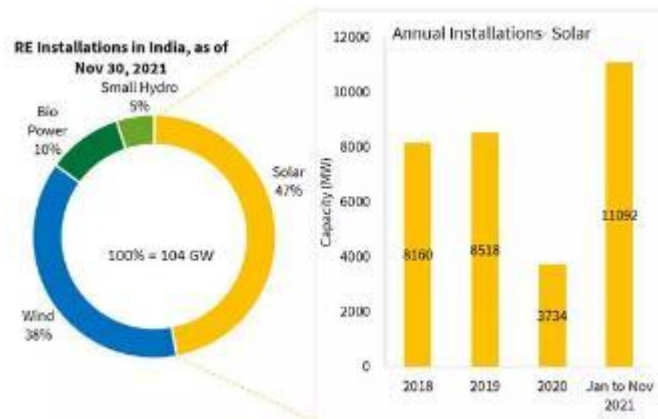
Importer of Indian Broken Rice



- ❖ China has emerged as the largest importer or buyer of broken rice from India.

- ❖ China takes over the largest importer of broken rice in India, which were the African countries.
- ❖ During the pandemic, China took the lead as the largest importer of broken rice in India.
- ❖ 7.7 percent has been imported to China which is 16.34 lakh metric tonnes.
- ❖ India's total export is 212.10 Lakh metric tonnes in the year 2021-2022.

Total Renewable Power Addition in 2021



- ❖ India added around 15.4 gigawatts (GW) of renewable power capacity in 2021.
- ❖ India is the third highest after China (136 GW) and the United States (43 GW).
- ❖ China is the global leader in cumulative renewable energy capacity at the end of 2021.
- ❖ It is followed by the United States (398 GW), Brazil (160 GW), India (158 GW) and Germany (139 GW).

Biggest aircraft carrier

- ❖ China launched its third aircraft carrier, named “Fujian” in a bid to extend the range of its navy in Indo-Pacific region.
- ❖ The newly launched aircraft carrier is most advanced and first “fully domestically built” naval vessel.
- ❖ It is the first domestically designed and built catapult aircraft carrier.
- ❖ Liaoning was the first aircraft carrier of China.
- ❖ They indigenously built 2nd aircraft carrier named ‘Shandong’.



Solidarity - 2023

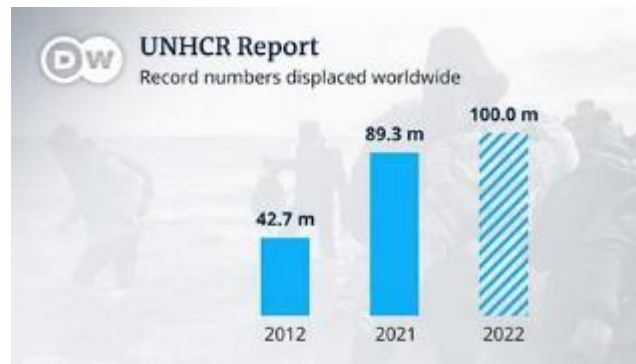
- ❖ India and other member countries of the Shanghai Cooperation Organisation (SCO) supported an initiative of China.
- ❖ This initiative aims to organise a joint border operation 'Solidarity-2023' for the border agencies of the member countries next year.

UNHCR Global Trends Report

- ❖ United Nations High Commissioner for Refugees published its "2022 annual Global Trends Report" recently.

Highlights

- ❖ 100 million people were forced to go back to their homes in 2021, due to violence, war in Ukraine.
- ❖ There were 23.7 million new internal displacements worldwide, due to disasters.
- ❖ It shows the decrease of seven million, or by 23 per cent, as compared to the last year.
- ❖ On Earth, 1 in every 78 people is now displaced.
- ❖ Largest displacement, 6 million, occurred in China in 2021 due to disasters.
- ❖ It is followed by the Philippines (5.7 million) and India (4.9 million).
- ❖ In India, around five million people were internally displaced due to disasters and climate change in 2021.



Hans Island & Nares Strait

- ❖ Denmark and Canada strike the deal to end 50-year row over Hans Island.
- ❖ It is a barren Island in the Arctic.
- ❖ It is situated between Canada and Greenland in the centre of the Kennedy Channel of Nares Strait.
- ❖ It is the smallest of three islands in Kennedy Channel off the Washington Land coast.
- ❖ Nares Strait is a waterway between Ellesmere Island and Greenland.
- ❖ It connects the northern part of Baffin Bay in the Atlantic Ocean with the Lincoln Sea in the Arctic Ocean.



Candidate Status of EU

- ❖ The European Commission accorded Ukraine and Moldova 'candidate statuses'.
- ❖ This is a symbolic step.
- ❖ But both nations have a long way to go before becoming full-fledged members of the European Union.

FATF 'grey list'

- ❖ Pakistan will continue to be on the "Grey List" of countries under increased monitoring of the Financial Action Task Force (FATF).
- ❖ Pakistan has been on the grey list of the Paris-based Financial Action Task Force since June 2018.
- ❖ This is due to failing to check money laundering, leading to terror financing, and was given a plan of action to complete it by October 2019.

Sri Lankan Constitutional Amendment

- ❖ Sri Lanka's parliament passed the 21st Amendment to the Constitution to curb the presidential powers.
- ❖ It grants more power to the parliament than before.
- ❖ It not only empowers the parliament but also holds the president accountable for the actions.

Mango Festival – Belgium

- ❖ Union Minister of Commerce and Industry, Piyush Goyal, inaugurated a 'Mango Festival' organised in Brussels.
- ❖ This is the first time it has been hosted in Belgium
- ❖ It aims to create awareness among the Europeans and create a market for Indian mangoes in Europe.
- ❖ India is a big supplier of mangoes to the rest of the globe.
- ❖ But most of the mangoes end up in the Middle East rather than Europe.

Afghanistan Earthquake 2022



- ❖ Afghanistan Earthquake on June 22 was the deadliest since 2002.
- ❖ The earthquake had struck about 44 km from the South eastern City of Khost, near the border of Pakistan.

THE Asia University Rankings 2022

- ❖ Times Higher Education Asia University Rankings 2022 was released by the Times Higher Education (THE).
- ❖ Japan is the most-represented nation again this year, with 118 institutions.
- ❖ India was the third most-represented country, behind Japan and mainland China.
- ❖ Elsewhere, a Palestinian university is ranked for the first time
- ❖ The Indian Institute of Science (IISc), Bengaluru continued to be the best institute of the country.
- ❖ It is ranked at 42nd place.
- ❖ The JSS Academy of Higher Education and Research of Mysuru makes its debut in 65th place, followed by the Indian Institute of Technology (IIT) Ropar at 68 and IIT Indore at 87 rank.

TOP INDIAN UNIVERSITIES

301-350	Indian Institute of Science
351-400	Indian Institute of Technology Ropar
401-500	Indian Institute of Technology Indore
601-800	Banaras Hindu University Institute of Chemical Technology University of Delhi IISER Pune IISER Kolkata IIT-Gandhinagar IIT-Hyderabad IIT-Delhi IIT-Hyderabad Jamia Millia Islamia Jawaharlal Nehru University King George's Medical University Mahatma Gandhi University Panjab University Savitribal Phule Pune University and Thapar University
801-1000	Aligarh Muslim University Anrita Vishwa Vidyapeetham Bharathiar University Delhi Technological University Guru Jambheshwar University of Science and Technology IIT-Bhubaneswar IIT-Dhanbad IISER-Bhopal Jadavpur University Jamia Hamdard University NIT-Rourkela NIT-Silchar Osmania University Sri Venkateswara University VIT University



Major Economies Forum on Energy and Climate

- ❖ The Union Minister for Environment, Forest and Climate Change, Bhupender Yadav represented India in this meet.
- ❖ It was hosted by U.S. President Joseph Biden, and the meeting was held virtually.
- ❖ The MEF meeting was aimed at galvanising actions that are to strengthen energy security and tackle the climate crisis thereby building momentum for COP27 of Sharm el-Sheikh, Egypt in 2022.
- ❖ The meeting was attended by twenty-three major economies across the world and the Secretary General of United Nations.

8th Round of Shanghai Cooperation Organization (SCO) Meeting

- ❖ India hosted the 8th round of meetings with the heads of the border services of the competent authorities of the member states of the SCO in New Delhi.
- ❖ Including India, the meeting was attended by the other 7 members and the Executive Committee of the SCO-RATS (Regional Anti-Terrorist Structure).
- ❖ The plan for preparation and organisation of this year's Joint Border Operation "Friendship Border - 2022" was reviewed and approved.
- ❖ China's joint border operation proposal, "Solidarity - 2023" was also approved.

G20 and India

- ❖ Jammu and Kashmir will host the 2023 meetings of the G20.
- ❖ India will hold the G-20 presidency from December 1, 2022.
- ❖ And it convenes the first G20 leaders' summit in 2023.
- ❖ Commerce and Industry Minister Piyush Goyal was appointed as India's Sherpa for the G20 in September 2021.

Bharat Gaurav tourist train

- ❖ First India-Nepal Bharat Gaurav tourist train was flagged off.
- ❖ It will be connecting places associated with the Ramayana Circuit in India and Nepal.
- ❖ It was flagged off from the Safdarjung Railway Station in New Delhi.

14th BRICS Summit 2022

- ❖ It was held in online mode.
- ❖ It was sponsored by China.
- ❖ It was held under the theme of “Foster High-Quality BRICS Partnership, Usher in a New Era for Global Development.”
- ❖ It came up with the Beijing Declaration.
- ❖ BRICS supports dialogue between Russia and Ukraine.

CHOGM Foreign Ministers’ plenary 2022

- ❖ External Affairs Minister (EAM) Dr S Jaishankar addressed the “Commonwealth Heads of Government Meeting (CHOGM) Foreign Ministers’ plenary”.
- ❖ It was held in Rwanda under the theme of “Democracy, Peace and Governance”.
- ❖ It is a biennial summit meeting of de facto leaders of all Commonwealth nations.

Global Livability Index 2022

Top ten positions

City	Location	Rank	Index	Stability	Healthcare	Culture & Environment	Education	Infrastructure
Vienna	Austria	1	99.1	100.0	100.0	96.3	100.0	100.0
Copenhagen	Denmark	2	98.0	100.0	95.8	95.4	100.0	100.0
Zurich	Switzerland	3	96.3	95.0	100.0	96.3	91.7	95.4
Calgary	Canada	3	96.3	95.0	100.0	90.0	100.0	100.0
Vancouver	Canada	5	96.1	90.0	100.0	100.0	100.0	92.9
Geneva	Switzerland	6	95.9	95.0	100.0	94.9	91.7	96.4
Frankfurt	Germany	7	95.7	90.0	100.0	96.3	91.7	100.0
Toronto	Canada	8	95.4	95.0	100.0	95.4	100.0	89.3
Amsterdam	Netherlands	9	95.3	90.0	100.0	97.2	91.7	96.4
Osaka	Japan	10	95.1	100.0	100.0	83.1	100.0	95.4
Melbourne	Australia	10	95.1	95.0	83.3	98.6	100.0	100.0

Source: EIU

- ❖ It was released by the Economist Intelligence Unit.
- ❖ Austria’s capital Vienna, located on the Danube River, is the most liveable city in the world.
- ❖ In the second spot was Copenhagen, Denmark’s capital.
- ❖ In terms of the overall country winner, Canada has bagged first place.
- ❖ New Delhi has been ranked 112th and Mumbai is ranked at 117th position.
- ❖ Syria's capital city Damascus was at the bottom of the 10 least liveable cities.
- ❖ This year, this report analyses 173 cities around the world.
- ❖ The five major categories are stability, healthcare, culture and environment, education, and infrastructure.



US ends abortion

- ❖ United States Supreme Court has ended the constitutional protection for abortion that had been in place for nearly 50 years
- ❖ The majority of the US Supreme Court has overturned the verdict of Roe v. Wade of 1973 to change US women's constitutional rights.
- ❖ It is expected to lead the abortion bans in roughly half the states of the country.
- ❖ The 1973 case had paved the way for the establishment of a constitutional right to abortion in the United States.

SS-26 Stone

- ❖ Russia has announced to transfer the "Iskander-M Missile System" to Belarus.
- ❖ This missile system can use ballistic or cruise missiles, in their nuclear and conventional versions.
- ❖ It is a mobile guided missile system code-named "SS-26 Stone" by NATO.

Padma Bridge

- ❖ Bangladesh PM Sheikh Hasina inaugurates 6.15 km 'Padma Bridge'.
- ❖ It is Bangladesh's longest bridge.
- ❖ It is a multipurpose road-rail bridge across the Padma River in Bangladesh.
- ❖ It will connect capital Dhaka to its underdeveloped north western region of the country.
- ❖ Once the railway line on the bridge is opened, Dhaka could come within three-and-a-half hours of Kolkata.

Partnership for Global Infrastructure and Investment (PGII) scheme

- ❖ The President Biden and G7 Leaders Formally Launched the Partnership for Global Infrastructure and Investment.
- ❖ It is a plan to mobilise \$600 bn in funding for the developing world in a move seen as a counter to China's Belt and Road plan.
- ❖ The infrastructure plan was first unveiled at the 2021 G7 summit in Britain.
- ❖ Called the Build Back Better World at the time, the project was renamed to PGII before being resuscitated at the 2022 summit.

ECONOMY

India's top trading partner

- ❖ US has surpassed China as India's biggest trading partner at bilateral trade.
- ❖ The trade with USA was \$119.42 billion in worth in the year 2021-22 as compared to \$80.51 billion in 2020-21.
- ❖ The two-way annual trade with China stood at \$115.42 billion in 2021-22 vs \$86.4 billion in 2020-21.



Banknote Survey of Consumers

- ❖ The Reserve Bank of India released Banknote Survey of Consumers'.
- ❖ It revealed that, among banknotes, Rs100 was the most preferred while Rs 2,000 was the least preferred denomination.
- ❖ The RBI survey also found out that the total number of Rs 2000 notes comprised only 214 crores or 1.6 per cent of the total currency notes in circulation.

RBI Annual Report 2021-22

- ❖ The central bank has highlighted that the Indian economy will most likely bounce back despite the present global risks.
- ❖ In 2020-21, counterfeit notes saw a decline.
- ❖ But in 2021-22 counterfeit notes witness a 10.7 per cent increase.
- ❖ Rs 500 denomination fake currencies rose by 102 per cent in 2021-22.
- ❖ Also, fake Rs 2,000 notes increased by 55 per cent.
- ❖ The monetary policy of the RBI has revised the real GDP growth for 2022-23 to 7.2 percent.



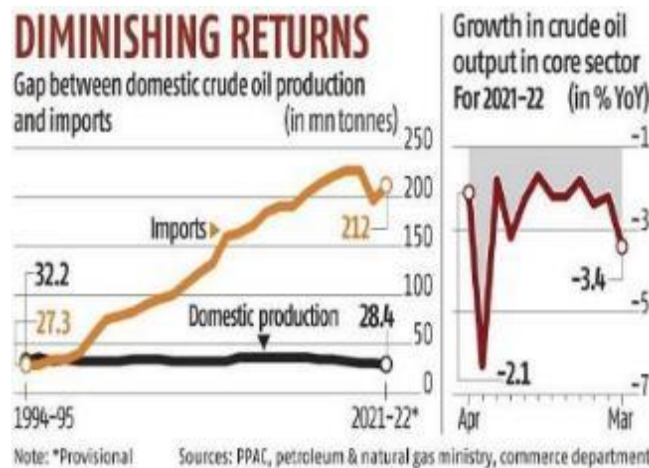
100 unicorns

- ❖ India's startup ecosystem as he highlighted that the country has reached a landmark figure of 100 unicorns.
- ❖ Unicorns are privately held, venture-capital-backed start-ups that have reached a value of \$1 billion.
- ❖ American venture capitalist Aileen Lee is credited with coining the term in 2013.
- ❖ From 17 Unicorns in 2018 the number went up to 38 in 2020 and it's 71 and counting in 2021.



Domestic crude oil production – India

- ❖ Domestic crude oil production has been in decline since the financial year 2014-15.
- ❖ It dropped down to just 28.4 million tonnes (MT) in FY22.
- ❖ It is the lowest since FY94.
- ❖ The production in 2021-22 represented a decline of 11.8 per cent from 32.2 MT in FY95.



India's Textiles Exports in FY 2021-22

- ❖ India recorded its highest-ever apparel and textiles exports which stood at USD 44.4 billion.
- ❖ USA was the top export destination for the textile's products of the country.
- ❖ It accounted for 27 per cent of all apparel and textiles exports.
- ❖ Exports to the EU stood at 18 per cent of the total.
- ❖ Bangladesh Exports stood at 12 per cent of the total.
- ❖ Exports to the UAE stood at 6 per cent of the total.

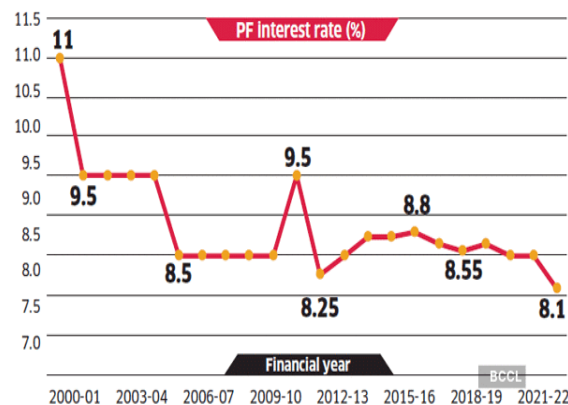
GST compensation debts

- ❖ The Central government has passed Rs 86,912 crore to state governments, the SGST (State Goods and Services Tax) to compensating them for the GST.
- ❖ Following the implementation of the GST on July 1, 2017, the government expected yearly revenue growth of 14%.
- ❖ To compensate states for lost revenue, a cess was imposed on a variety of luxury items and so-called sin goods to raise funds.



EPF interest rate

- ❖ The government has approved 8.1 per cent rate of interest on employees' provident fund (EPF) deposits for 2021-22.
- ❖ It is four-decades low for about five crore subscribers of retirement fund body Employees' Provident Fund Organisation (EPFO).
- ❖ Earlier in March this year, EPFO had decided to lower the interest on provident fund deposits for 2021-22 to 8.1 per cent from 8.5 per cent provided in 2020-21.



Digital Payments in India

- ❖ This report was titled 'Digital Payments in India: A \$10 trillion opportunity'.
- ❖ The digital payment markets in India are expected to increase triple from the current three trillion dollars to ten trillion dollars in the coming four years, 2026.
- ❖ This was confirmed by the report issued by PhonePe after the collaboration with Boston Consulting Group (BCG).



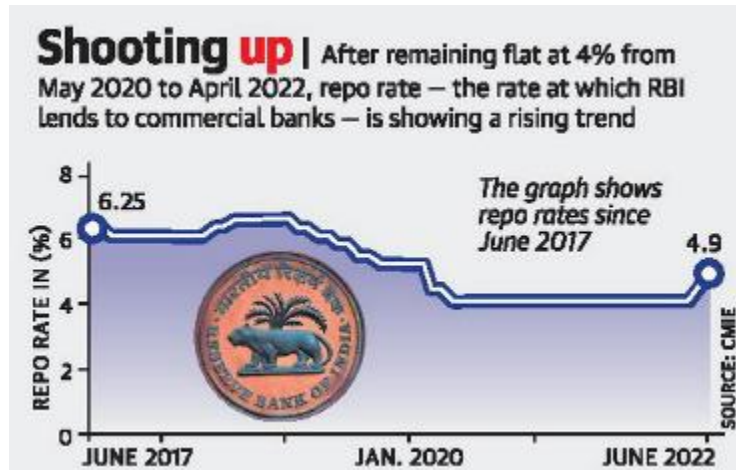
India's first banking metaverse Kiyaverse

- ❖ Kiyaverse was India's first-ever banking metaverse.
- ❖ Kiya.ai, a digital solutions provider serving financial institutions and governments globally, announced this.
- ❖ Kiyaverse pioneers use cases of merging real-world banking with Metaverse banking through an avatar (virtual humanoid) based interactions.
- ❖ It will be used by banks and non-banking finance companies (NBFCs) to enable virtual interactions.

Interest rate by RBI

- ❖ The Reserve Bank of India's Monetary Policy Committee (MPC) voted unanimously to raise the repo rate by 50 basis points to 4.90%.
- ❖ In May 2022, RBI increased the repo rate or short-term lending rate by 40 basis points.
- ❖ The RBI's move will increase borrowing costs for those seeking loans to buy cars and homes and MSME firms looking to raise capital.
- ❖ The MPC also decided to remain focused on the withdrawal of accommodation which had been provided to support the COVID-19 hit economy.

- ❖ It aims to ensure that inflation remains within the target going forward, while supporting growth
- ❖ The MPC fix the benchmark interest rates in India.
- ❖ The committee held at least 4 times a year.
- ❖ The Governor of RBI act as the chairperson ex officio of MPC.



World Investment Report



- ❖ The United Nations Conference on Trade and Development's (UNCTAD) has released this annual report.
- ❖ India has jumped by one position to 7th in year 2021, among the top recipients of foreign direct investment (FDI).
- ❖ As per report, FDI inflows into India reduced to USD 45 billion in 2021 from USD 64 billion in 2020.
- ❖ United States remained the top recipient of FDI.
- ❖ US is followed by China and Hong Kong at second and third position.
- ❖ Among top 10 economies, only India witnessed a decline in its FDI inflows.

Crypto Rupee Index

- ❖ It has been launched by CoinSwitch (CRE8).
- ❖ It is India's first benchmark index for measuring the performance of the Indian Rupee-based crypto sector.
- ❖ CRE8 monitors the performance of eight crypto assets (Bitcoin, Ethereum, Ripple, Binance coin, and Cardano).
- ❖ That account for more than 85% of the entire market capitalization of crypto assets traded in Indian Rupee.

Biotech Startup Expo 2022



- ❖ Prime Minister has inaugurated the Biotech Startup Expo - 2022.



- ❖ It is a reflection of the expansive growth of the biotech sector in the country.
- ❖ The expo is being organised by the Department of Biotechnology and Biotechnology Industry Research Assistance Council (BIRAC) to mark the completion of ten years of BIRAC.
- ❖ Theme is 'Biotech Startup Innovations: Towards Atma Nirbar Bharat'.

OmniCard

- ❖ OmniCard became the 1st RBI licensed PPI (prepaid payment instrument) to launch cash withdrawal across the country.
- ❖ The move came in after RBI permitted the non-bank licensed entities to enable cash withdrawals from the digital wallets.

Acquisition of AirAsia India

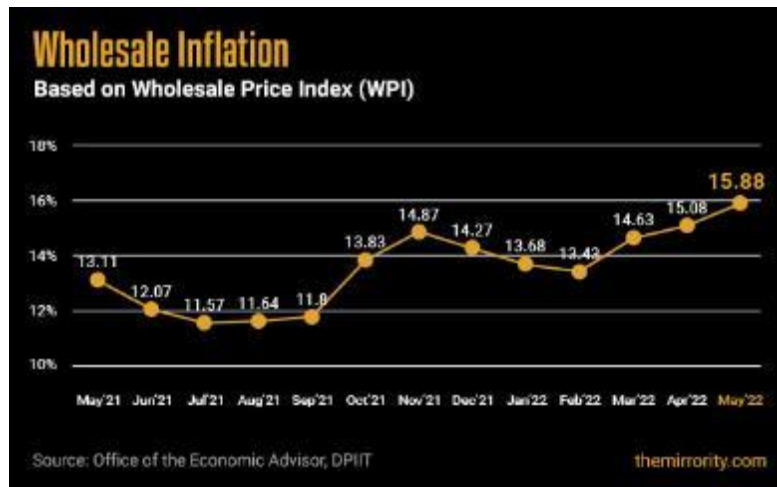
- ❖ Competition Commission of India has approved the acquisition of the entire shareholding of AirAsia India Ltd by Air India Ltd.
- ❖ Air India Ltd is an indirect wholly-owned subsidiary of Tata Sons Pvt Ltd.
- ❖ Tatas took over Air India and Air India Express in January this year.

Amendments in IBBI Regulations

- ❖ The Insolvency Bankruptcy Board of India (IBBI) amended insolvency regulations.
- ❖ The amended insolvency regulations now require creditors to file information on assets and liabilities of their corporate debtors, as well as other relevant financial information while undergoing the corporate insolvency process.
- ❖ The Insolvency and Bankruptcy Code, 2016 creates a consolidated framework governing insolvency and bankruptcy proceedings for individuals, companies, and partnership firms.

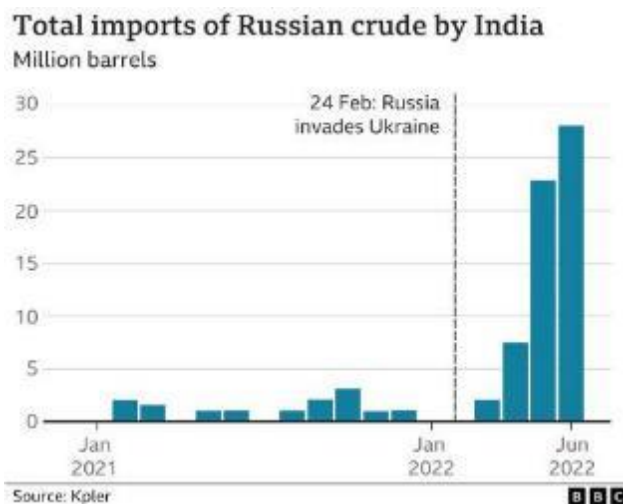
Wholesale price inflation

- ❖ Wholesale price-based inflation (WPI) rose to a record 15.88 per cent in May.
- ❖ It marks the highest in the current series base of 2012
- ❖ It primarily due to rise in prices of mineral oils, crude petroleum & natural gas, food articles, basic metals, non-food articles, chemicals & chemical products and food products



2nd second-biggest oil supplier

- ❖ Russia has overtaken Saudi Arabia to become India's second-biggest supplier of oil.
- ❖ The list led by Iraq at the top.
- ❖ After the US and China, India is the world's third-largest consumer of oil.



US Fed Interest rate

- ❖ The US Federal Reserve raised interest rates by 75 basis points or 0.75 percentage points.
- ❖ This is the biggest hike in 28 years, to stem a surge in inflation, and flagged a slowing economy.

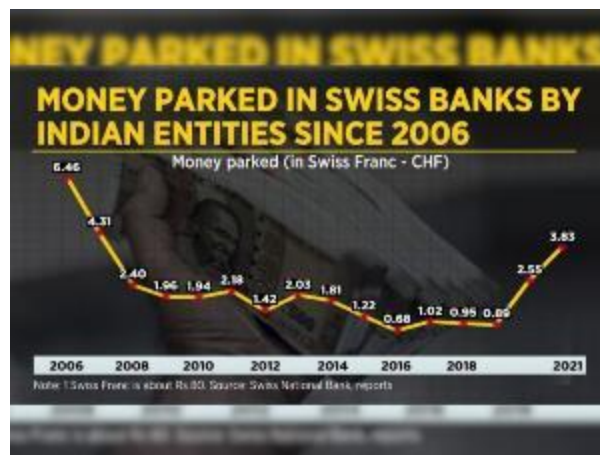
‘Green loan’ tag

- ❖ Adani Transmission Limited’s, \$700 million revolving facility has been tagged as a ‘green loan’ by Sustainalytics.
- ❖ This assures the green loan framework for the revolving facility.

Startup accelerator program for women

- ❖ Google announced a startup accelerator program for women founders.
- ❖ The program will help them address challenges such as fundraising and hiring.
- ❖ Google for Startups Accelerator India – Women Founders will run from Jul-2022 to Sep-2022.

Indian Funds in Swiss Banks



- ❖ Funds parked by Indian individuals and firms in Swiss banks, jumped to 2.55 billion Swiss francs (over Rs 20,700 crore) in 2020.
- ❖ It is including through India-based branches and other financial institutions.
- ❖ The increase in aggregate funds of Indian clients with Swiss banks, from 899 million Swiss francs (Rs 6,625 crore) at the end of 2019.
- ❖ This reverses a two-year declining trend and has taken the figure to the highest level in 13 years.

Payments Vision 2025

- ❖ The RBI released its vision on architecture of digital finance, in a document for payments systems.
- ❖ It aims to provide a safe and affordable e-payment options to every user.



- ❖ The document includes
 - Regulations for BigTechs and fintechs in payments
 - Guidelines on payments along with “Buy Now Pay Later” (BNPL) services
 - Introducing central bank digital currency (CBDC)
 - Linking credit cards as well as credit components of banking products with the Unified Payments Interface (UPI).

WTO on global trade deals

- ❖ 12th Ministerial Conference of WTO approved a series of trade agreements including commitments on fish, a partial waiver of intellectual property (IP) rights for COVID-19 vaccines, and pledges on health and food security.
- ❖ It prohibited certain forms of fisheries subsidies that contribute to overcapacity and overfishing.
- ❖ And it eliminates subsidies that contribute to Illegal, unreported and unregulated fishing (IUU-fishing).
- ❖ It allowed the developing countries to produce and export Covid vaccines.

Japan at NATO summit

- ❖ Japanese Prime Minister, Fumio Kishida, will attend this month’s NATO summit in Madrid, Spain.
- ❖ He becomes the country’s first leader to join the top meeting of the transatlantic alliance.
- ❖ Sweden and Finland, which have applied to join NATO, are sending delegations to the summit.
- ❖ South Korea’s new President Yoon Suk-yeol will also be the first leader from his country to attend.

Limit of e-mandates for transactions

- ❖ RBI has raised the Additional Factor of Authentication (AFA) limit from Rs 5,000 to Rs 15,000 per transaction.
- ❖ It is applicable for e-mandates on cards, Prepaid Payment Instruments (PPIs) and Unified Payments Interface (UPI) for recurring transactions.
- ❖ It implies, additional authentication will not be need for payment of Rs 15,000 per transaction.

Most Valuable Global Brands

- ❖ Apple grabs the top spot at the Kantar BrandZ Most Valuable Global Brands 2022 ranking.
- ❖ Google moves up to second place and is one of the fastest risers in the ranking.
- ❖ Amazon stands at the third place.

Kantar BrandZ Top 10 Most Valuable Global Brands 2022						
Rank 2022	Rank change	Brand	Country of Origin	Brand Value 2022 (\$M)	Brand Value 2021 (\$M)	% Brand Value Change 2022 vs 2021
1	1	Apple	US	947,062	611,997	55%
2	1	Google	US	819,573	457,998	79%
3	-2	Amazon	US	705,646	683,852	3%
4	0	Microsoft	US	611,460	410,271	49%
5	0	Tencent	China	214,023	240,931	-11%
6	3	McDonald's	US	196,526	154,921	27%
7	1	Visa	US	191,032	191,285	0%
8	-2	Facebook	US	186,421	226,744	-18%
9	-2	Alibaba	China	169,966	196,912	-14%
10	11	Louis Vuitton	France	124,273	75,730	64%

India's largest trading partner

- ❖ As per Union Ministry of Commerce and Industry's latest data, United States has become India's largest trading partner.
- ❖ India's bilateral trade with the US has touched USD 119.42 billion
- ❖ It is exceeding India's trade with China.
- ❖ China was India's largest trading partner from 2013-2014 to 2017-2018 and 2020-2021.

Selling price of bank notes

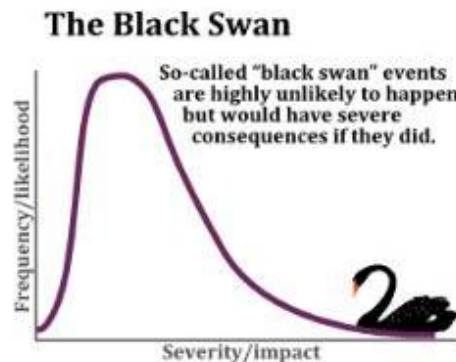
- ❖ Selling price of bank notes in the denomination of ₹20, ₹50, ₹100 and ₹200 has gone up in FY22.
- ❖ However, for notes in the denomination of ₹500, the prices have remained unchanged.
- ❖ The overall cost of printing currency in FY22 was the second highest, after an all-time high of 2016-17.
- ❖ Selling price for 1,000 pieces of ₹50 recorded a maximum increase of around 23 per cent in FY22 over FY21.
- ❖ ₹20 registered the lowest increase of a little over 1 per cent.

Selling price of bank notes (in ₹/1,000 pieces)					
Denomination	2017-18	2018-19	2019-20	2020-21	2021-22
₹10	700	750	760	990	960
₹20	850	NA	770	940	950
₹50	830	820	910	920	1,130
₹100	1,500	1,340	1,380	1,640	1,770
₹200	2,240	2,150	2,130	2,220	2,370
₹500	2,390	2,130	2,150	2,290	2,290
₹2,000	4,180	3,530	NA	NA	NA

Source: BRBNML

Black swan event

- ❖ A black swan is an uncommon, unforeseen event.
- ❖ It shocks people and has a major effect on society and the entire world.
- ❖ Nassim Nicholas Taleb, a finance professor, initially proposed the black swan hypothesis in 2001.
- ❖ These events are believed to have three distinctive qualities: they are incredibly rare, unforeseeable, and unexpected.
- ❖ According to RBI assessment, India might experience capital outflows of up to Rs 7,80,000 crore in the event of a significant global risk scenario or "black swan" occurrence.



Global Gold Recycling

- ❖ India has become the fourth largest gold recycler worldwide.
- ❖ In 2021, it has recycled 75 tonnes of gold.
- ❖ This report released by World Gold Council (WGC).
- ❖ China was ranked first in global gold recycling 168 tonnes of gold in 2021.
- ❖ It is followed by Italy at second position (80 tonnes) and US at third position (78 tonnes).



SCIENCE AND TECHNOLOGY

TB infection skin test

- ❖ India will introduce a newly approved “made in India” TB infection skin test called ‘c-TB’.
- ❖ This cost-effective tool will be of immense benefit to other high burden countries as well.
- ❖ A new initiative, “Adopt people with TB” will be launched this year.

First Movers Coalition

- ❖ India recently joined a global public-private partnership initiative called the First Movers Coalition.
- ❖ The initiative was launched by President of the USA Joe Biden and the World Economic Forum (WEF) at COP26.
- ❖ It was joined by 50 new corporate members.

Pusa Soft Wheat 1

- ❖ Pusa Soft Wheat 1 (HD 3443) is India’s first soft wheat variety.
- ❖ It is registered with the Protection of Plant Varieties and Farmers’ Rights Authority.
- ❖ It is suitable for growing in all producing States.
- ❖ It has a productivity of over 5 tonnes per hectare with protein content of 11.5% and gluten level of 8.9%.

First semi-high speed freight train

- ❖ The Railways is aiming to introduce the country’s first semi-high speed freight train named the ‘Gati Shakti’ train by December 2022.
- ❖ The semi high-speed freight train can clock 160 km per hour.
- ❖ Presently plans are going to make 25 such trains at the Integral Coach Factory (ICF) in Chennai.

Param Ananta Supercomputer

- ❖ Param Ananta, is a state-of-the-art supercomputer at IIT Gandhinagar of Gujarat dedicated to the nation under the National Supercomputing Mission (NSM).

- ❖ It is a joint initiative of the Ministry of Electronics and Information Technology and the Department of Science and Technology which was commissioned.
- ❖ This indigenous software stack is developed by C-DAC.
- ❖ And it is a Make in India initiative.
- ❖ It has 838 teraflops computing power capacity.

Planetary parade



- ❖ Mercury, Venus, Mars, Jupiter, and Saturn will line up in the dawn sky in June as a rare celestial event.
- ❖ Mercury, Venus, Mars, Jupiter and Saturn had last time come up in the exact same sequence was in December 2004.
- ❖ Earlier in the last week of April 2022, four planets - Venus, Jupiter, Mars, and Saturn had aligned in a straight line after 1,000 years.

Most powerful supercomputer

- ❖ The 59th edition of the Top 500 list of the world's most powerful supercomputers was unveiled by Germany.
- ❖ ORNL's Supercomputer Frontier from the US, a supercomputer built using Hewlett Packard Enterprise (HPE) architecture, become top performer.
- ❖ Thus, it overtakes Japan's Fugaku.
- ❖ It becomes World's Most Powerful Super computer.

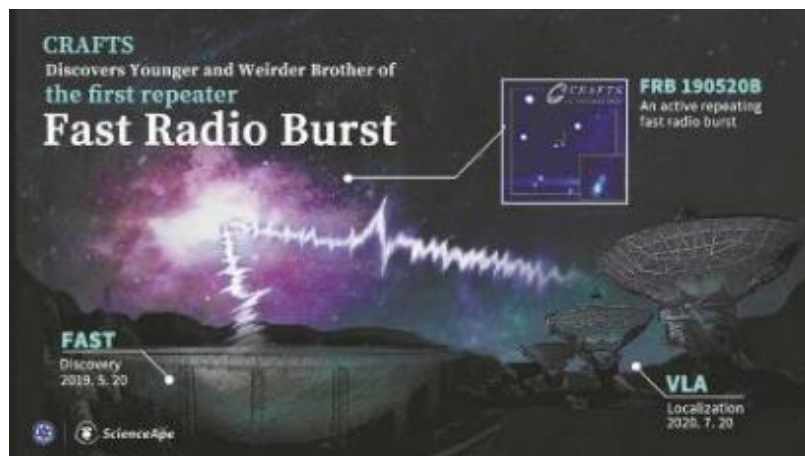
Astra Mk-1

- ❖ The Ministry of Defence has signed a contract with the Hyderabad-based public-sector Bharat Dynamics Ltd for supply of the Astra Mark-1.

- ❖ The Astra Mk-1 is a Beyond Visual Range (BVR), Air-to-Air Missile.
- ❖ BVR missiles are capable of engaging beyond the range of 20 nautical miles or 37 kilo meters.
- ❖ The range for Astra Mk-1 is around 110 km.
- ❖ The Mk-2 with a range over 150 km is under development.
- ❖ Mk-3 version with a longer range is being envisaged.

Fast radio burst

- ❖ Astronomers have reported a fast radio burst (FRB).
- ❖ Its characteristics are different from almost all other FRBs previously detected, except one.
- ❖ The latest FRB (Named FRB 20190520B) emits frequent, repeating bursts of radio waves.
- ❖ FRBs are bright flashes of light that appear for a few milliseconds and then vanish.
- ❖ The first FRB was discovered in 2007.
- ❖ Since then, 140 more were discovered until June 2021.



DAVINCI Mission

- ❖ NASA is set to launch a mission called “DAVINCI Mission”.
- ❖ DAVINCI stands for “Deep Atmosphere Venus Investigation of Noble gases, Chemistry and Imaging Mission”.
- ❖ The mission will fly by Venus and explore its harsh atmosphere in 2029.
- ❖ It will be the first mission to study Venus by means of both flybys and descent.
- ❖ It will reach Venusian surface by June 2031.

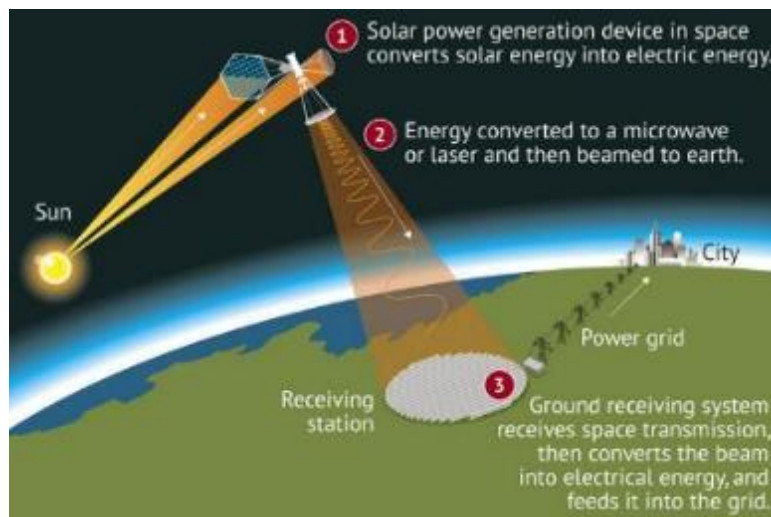
Detailed map of the moon

- ❖ China has released a new geological map of the moon.
- ❖ It is the most detailed to date, registering even finer details of the lunar surface than mapped by the US in 2020.
- ❖ The new map, which has details of craters and structures not charted before, will assist in further research of the moon.
- ❖ It would help to scientific research, exploration, and landing site selection on the moon.

10 in-orbit communication

- ❖ The transfer of ten in-orbit communication satellites to public sector business NSIL, has been authorized by the Union Cabinet.
- ❖ Transfer of these assets to NSIL will further provide the desired financial autonomy to the company to realize capital intensive programmes/projects.
- ❖ NSIL's role as a single-window operator will also make conducting business in the space industry easier.
- ❖ The commercial conducted its first mission in 2022 when it successfully launched Amazonia-1 and 18 Co-passenger satellites from Srihari Kota.

Space Solar plant



- ❖ China proposed a plan to launch a solar power plant in space.
- ❖ China had planned to establish a solar power station of 1 megawatt capacity, in space by 2030.

- ❖ This satellite will test wireless power transmission technology from space to ground, from the height of 400 Km
- ❖ It will convert solar energy to microwaves or lasers
- ❖ Using the lasers, energy beams will be directed to various targets, including the moving satellites and fixed locations on the Earth.

COVID-19 vaccine for animals

- ❖ The Ministry of Agriculture unveiled India's first Covid-19 vaccine "Anocovax" for animals.
- ❖ This Vaccine has been developed by Haryana's Hisar-based National Research Centre on Equines.
- ❖ It can protect animals against Delta and Omicron variants of coronavirus.
- ❖ The vaccine can be used in dogs, leopards, mice, lions, and rabbits.
- ❖ It is an inactivated vaccine, that has been developed using an infectious part of the Delta variant.
- ❖ This is the first Covid-19 vaccine developed in India, for animals.

Cancer Drug Trial – Dostarlimab



- ❖ A trial of a drug for cancer treatment has shown 100% success in removing the tumours and preventing recurrence in patients.
- ❖ A trial was held in Manhattan, USA.
- ❖ The medication aimed to unmask cancer cells, allowing the body's immune system to identify and destroy them naturally.
- ❖ Such drugs, known as 'checkpoint inhibitors'.

Micrometeoroid hit new telescope

- ❖ James Webb Space Telescope was hit by a micrometeoroid in space.
- ❖ It is the NASA's next-generation telescope.
- ❖ It has been designed to look much further into the universe and see stars and galaxies that had been formed when the Big Bang occurred.

Strawberry Supermoon 2022



- ❖ The Full moon in June 2022 will be second of the four consecutive supermoons.
- ❖ A supermoon can appear ever so slightly larger than the full moon does when it is farthest from the Earth.
- ❖ The full moon that falls in June is most commonly known as the 'Strawberry Moon'
- ❖ It was a name that originates with Native Americans.
- ❖ In India, it's also called Vat Purnima.

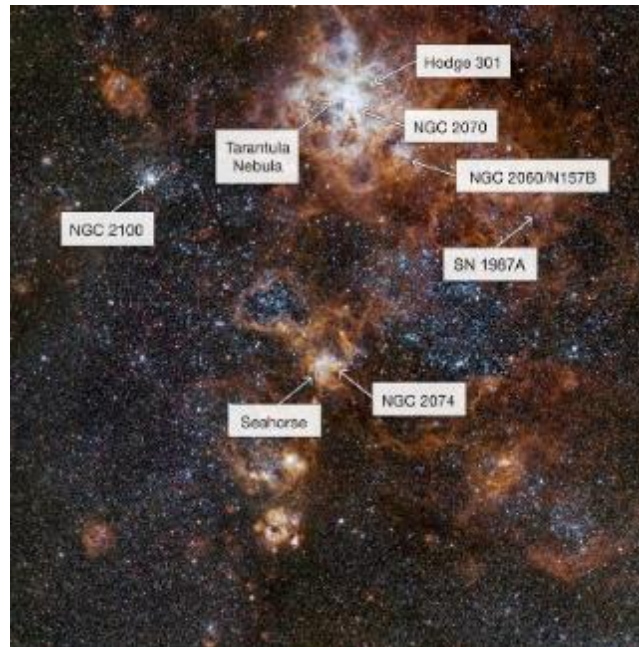
Test-Fire of Prithvi-II

- ❖ India successfully test-fired its nuclear capable and indigenously developed Prithvi-II missile.
- ❖ Prithvi-II missile is a proven system and a surface-to-surface missile.
- ❖ It is capable of striking targets with high degree of precision.
- ❖ The missile is a liquid-fuelled, single-stage missile.
- ❖ And it has a strike range of 350 km.



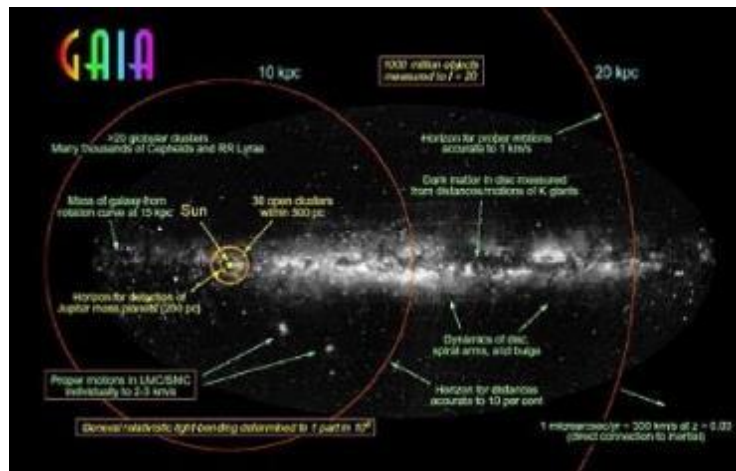
Tarantula Nebula

- ❖ Astronomers have looked into Tarantula Nebula gaining new understanding of the dynamics of star formation.
- ❖ Tarantula Nebula is located in a satellite galaxy of the Milky Way called the Large Magellanic Cloud.
- ❖ It is a web of stars, gas and dust with a diameter around 600 light-years.
- ❖ It is located about 170,000 light years from Earth.
- ❖ It is formally named 30 Doradus.
- ❖ It is referring to a catalogue number for objects in the direction of the constellation Dorado.



Gaia Space Mission

- ❖ The Gaia Space Observatory of European Space Agency recently detected several “starquakes”.
- ❖ They were similar to tsunami-like earthquakes.
- ❖ Star quakes are tiny motions on star surface, which changes the shapes of stars.
- ❖ Gaia Space Mission was launched in 2013.
- ❖ It studies the Milky Way.
- ❖ The mission has created a map of galaxy.
- ❖ It has revealed new information regarding stars and their chemical composition including the colour, temperature, age, and brightness level of stars.





India's first anti-gravity body suit

- ❖ AIIMS-Delhi developed the world's first anti-gravity body suit.
- ❖ It will help astronauts strengthen muscles and prevent loss of bone density minerals.
- ❖ It will also increase the weight of the astronauts by more than 70 percent in space to prevent them from floating.

GSAT-24

- ❖ The NewSpace India Limited launched GSAT-24.
- ❖ It is followed by the space reforms leasing the entire satellite's capacity to Direct-to-Home (DTH) service provider Tata Play.
- ❖ This was the company's first "demand-driven" communication satellite mission.
- ❖ The satellite was developed by the Indian Space Research Organization for NSIL.
- ❖ It was successfully launched into geostationary orbit from Kourou in French Guiana by the Ariane 5 rocket (South America).

Ookla Speed test Global Index

- ❖ The Speed test Global Index was released by network intelligence and connectivity insights provider Ookla.
- ❖ It showed that India recorded 14.28 Mbps median mobile download speeds in the month of May.
- ❖ With this, the country is now three ranks up in its global ranking and is at 115th position.
- ❖ Norway and Singapore are on the top spots for global mobile speeds.

VL-SRSAM Test

- ❖ India has successfully tested the Vertically Launched Short Range Surface to Air Missile (VL-SARAM) from an Indian Naval Ship (INS) off the coast of Chandipur in Odisha.
- ❖ It was tested by the Defence Research and Development Organisation (DRDO).
- ❖ It was conducted against a high-speed aerial target mimicking the aircraft.
- ❖ VL-SRSAM is a ship-borne weapon system.
- ❖ It is meant for neutralizing various aerial threats at close ranges including the sea-skimming targets.

Monkeypox outbreak

- ❖ Monkeypox was declared a public health emergency by the World Health Network (WHN).
- ❖ It indicates that the outbreak is not limited to a single country or region and requires immediate actions to prevent community transmission.
- ❖ The WHN is an independent coalition of scientists that was formed in response to the Covid-19 threat.
- ❖ The declaration of public health emergency is the highest level of global alert.
- ❖ Currently it only applies to the COVID-19 pandemic and polio.

Carnivorous Plant

- ❖ A rare Carnivorous plant that feeds on insect was discovered in the Mandal valley of Chamoli district, Uttarakhand.
- ❖ This is first sighting of the plant in Uttarakhand as well as the entire western Himalayan region.
- ❖ The plant creates a vacuum or negative pressure area to draw its prey inside the trap door.
- ❖ The carnivorous plant uses one of the most sophisticated and developed plant structures to trap its target.
- ❖ The target ranges from protozoa to insects, mosquito larvae and even young tadpoles.



5 Planets alignment

- ❖ Five major planets in our solar system shine brightly in a straight line.
- ❖ Mercury, Venus, Mars, Jupiter, and Saturn are the 5 planets
- ❖ If the sky is clear, the naked eye alone will be enough to see this alignment.


- ❖ It is also a rare event as Mercury will be visible which is usually obscured from the view by the Sun's bright light.
- ❖ The last time the 5-planet conjunction had happened was in 2004.
- ❖ And the event won't be seen again until 2040.



ENVIRONMENT

Recognition of CFR rights

- ❖ Chhattisgarh is now the second state to have recognised Community Forest Resource (CFR) rights inside a National Park.
- ❖ The state government approved the CFR claims of Gudiyapadar and Nagalsar villages in Kanger Ghati National Park in Bastar district.
- ❖ Odisha was the first state to have recognised the Community Forest Resource (CFR) rights in a national park.
- ❖ It empowers forest dwellers with the authority over decision-making and forest governance.



Forest Rights Act

Enacted in 2006, the Forest Rights Act came into effect in 2008. Considered a landmark piece of legislation as it attempts to correct historical injustices against forest dwellers in the colonial era and in independent India, it recognises forest dwellers' individual rights over their land and a village's rights to manage and conserve the forest:

Individual Forest Rights: Any person belonging to a scheduled tribe can claim rights to live in and cultivate up to 4 ha if he occupied it and depended on it as of December 13, 2005. A non-tribal, in addition, will have to prove his family's residence in the vicinity of the forest for 75 years prior to December 2005

Community Forest Rights: The Act recognises the rights of a gram sabha over forest land within the village boundaries or seasonal use of landscape for pastoral communities. This allows the villagers to own and collect, use and dispose of minor forest produce besides timber, including the right to use grazing land and water bodies and the right to protect and regenerate any community resource, among others

Cheetahs from South Africa

- ❖ India finalises deals for cheetahs from South Africa and Namibia.
- ❖ This would initiate India's ambitious plan of transcontinental relocation of cheetahs.
- ❖ To begin with, there will be 12 cheetahs from South Africa and eight from Namibia.
- ❖ India will keep those cheetahs in the wild at Kuno Palpur in Sheopur district of Madhya Pradesh.



50 years of Stockholm conference

- ❖ The United Nations Conference on the Human Environment was held in Sweden' Stockholm between June 5 to June 16, 1972.
- ❖ 122 countries participated in the conference.
- ❖ It was the first such worldwide convergence on planetary environment, with the theme 'Only One Earth'.
- ❖ 70 out of 122 participant countries, which were developing and poor countries, adopted the Stockholm Declaration.

Significance

- ❖ Until 1972, no country had an environment ministry.
- ❖ Initially, Norway and Sweden set up their ministries for the environment.
- ❖ India set up its ministry of environment and forest in 1985.



World's first fishing cat survey

- ❖ World's first fishing cat survey took place at the Chilika Lake in Odisha.
- ❖ It has provided the world's first population estimation of the fishing cat.
- ❖ This lake has 176 fishing cats.
- ❖ The Chilika Lake is the Asia's largest brackish water lagoon in Odisha.
- ❖ Fishing Cats were declared the State animal by West Bengal in 2012.
- ❖ The Chilika authorities announced in 2020 that the fishing cat was the lake's ambassador.
- ❖ The fishing cats are endangered worldwide.
- ❖ Within their range of countries, they are classed as Vulnerable on the International Union for Conservation of Nature (IUCN) Red List of Threatened Species.
- ❖ Fishing Cat is a schedule I species under the Wildlife Protection Act of 1972.



Environmental Performance Index

- ❖ It was an annual analysis by the USA's Yale and Columbia University researchers.
- ❖ It gives a data-driven evaluation of the situation of sustainability around the world.
- ❖ Climate change, environmental public health, and biodiversity are among the 40 performance factors used by the EPI to rank 180 nations.



- ❖ Only a few nations, like Denmark and the United Kingdom, are on track to fulfil net zero emission objectives by 2050

- ❖ Denmark came in first as the world's most sustainable country
- ❖ India came in last out of 180 countries.
- ❖ According to the EPI, four nations, China, India, the United States, and Russia, would account for more than half of global residual greenhouse gas emissions in 2050 if current trends continue.

India's achievement in Ethanol Blending

On India Achieving Its Target Of 10% Ethanol Blending

- Ethanol blending target was achieved 5 months before deadline
- High Ethanol blending in petrol saved Rs 410 bn fx reserves
- India's efforts to protect environment is multi-dimensional and its role in climate change is negligible

- ❖ Recently, Prime Minister Narendra Modi highlighted that, India has achieved 10 percent ethanol blending of petrol, five months before the schedule.
- ❖ 10 percent ethanol blending has reduced carbon emission by 27 lakh tonnes.
- ❖ It has saved India's Rs 41,000 crore on oil imports, in foreign exchange spending.

New Reserves and Wildlife Sanctuaries of Maharashtra

Approval was given for notification of following conservation reserves

Chivatibavari and Alaldari in Dhule

Kalwan, Muragad, Triambakeshwar and Igatpuri in Nashik

Raigad and Roha in Raigad district

Bhor in Pune

Dare Khurd (Mahadare) in Satara

Masai plateau in Kolhapur and

Mogarkasa in Nagpur

- ❖ Maharashtra State Board for Wildlife (MSBWL) recently approved 12 new conservation reserves and 3 wildlife sanctuaries.
- ❖ So far, 15 conservation reserves have been notified in Maharashtra.
- ❖ With new additions, the number will rise to 27.
- ❖ According to the provisions of Wildlife (Protection) Act 1972, consent of wildlife board is required, in order to notify any fresh protected areas in the state.
- ❖ With this approval, state will also get 3 new wildlife sanctuaries

- Extension of the Lonar wildlife sanctuary
- Kolamarka in Gadchiroli
- Muktai Bhawani in Jalgaon
- ❖ Kolamarka in Gadchiroli is affected by presence of Left-wing extremists.
- ❖ It has endangered Asiatic Wild buffaloes.

Yankti Kuti valley



- ❖ Multiple events of glacial advances have been witnessed from the Yankti Kuti valley since 52 thousand years.
- ❖ That synchronises with climate variability.
- ❖ Kuti Valley is a Himalayan valley situated in the Pithoragarh District, Kumaon division of the Uttarakhand state of India.

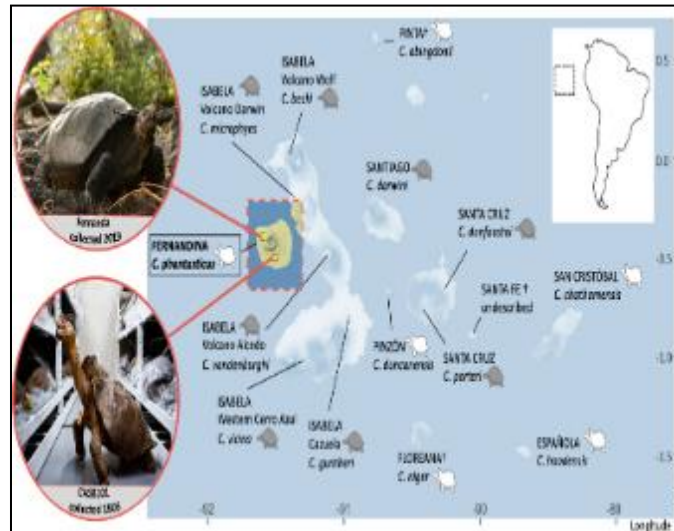
Green Open Access Rules 2022

- ❖ The Union Government has notified the Green Open Access Rules 2022.
- ❖ It will accelerate India's renewable energy programmes.
- ❖ It aims to promote generation, purchase and consumption of green energy including the energy generated through waste-to-energy plants.
- ❖ The rules also enable a simplified procedure for open access to green power.

Giant Tortoise species

- ❖ A giant tortoise, which was found alive in 2019, has now been confirmed to belong to a Galapagos species.
- ❖ The Galápagos Islands part of the Republic of Ecuador.

- ❖ It was believed that this species extinct long back.
- ❖ The giant species has been named Fernanda, because Fernandina Island is home to species.



Canada Carbon Emissions Market

- ❖ Government of Canada has launched “Canada’s Greenhouse Gas Offset Credit System” in a bid to reduce carbon pollution.
- ❖ It aims to Reducing greenhouse gases from waste, which is responsible for 7 percent of greenhouse gases in Canada.
- ❖ It is a key component for achieving Canada’s emissions reduction targets.

Elephant Bhogeshwara

- ❖ Bhogeshwara, the elephant with the longest tusks in Asia, died recently at the Gundre range of Karnataka's Bandipur Tiger Reserve.
- ❖ This wild elephant is also known as Mr Kabini.
- ❖ Bhogeshwar's tusks were 2.54 meters and 2.34 meters long.



Sinking city - Mumbai

- ❖ As per the recent study, Mumbai is sinking by an average of 2 mm annually.
- ❖ Groundwater extraction, mining, reclamation of natural wetlands, infrastructure projects and ecological disturbances is leading to "land subsidence".
- ❖ Tianjin in China is the fastest sinking coastal city in the world at a rate of 5.2 cm per year.



Haploptychius sahyadriensis

- ❖ India's newest recorded snail was named after Western Ghats.
- ❖ The Western Ghats of Maharashtra have yielded a carnivorous land snail new to the world of science.
- ❖ The Haploptychius sahyadriensis is endemic to the Vishalgad Conservation Reserve in Maharashtra's Kolhapur district.
- ❖ The Haploptychius sahyadriensis was recorded from the northern Western Ghats of Maharashtra.
- ❖ It is the third member of the genus Haploptychius.
- ❖ The other two – H. andamanicus and H. pfeifferi – were recorded in the Andaman and Nicobar Islands in the 1860s.



Rhino reintroduction in Assam

- ❖ According to the 14th Assam rhino estimation, Rhinos in Manas National Park have higher life expectancy.
- ❖ However, they need translocation support.
- ❖ Rhino census was carried out by 'Total count or Direct count method'.
- ❖ The one-horned rhinos of the Western part of Manas National Park, bordering Bhutan, have higher life expectancy.
- ❖ And there is significant growth in their population.
- ❖ But the Indian side of the park does not have a wider representation of sub-adults and calves for sustaining the population structure.
- ❖ Thus, translocation is needed to supplement them.

World's biggest plant

- ❖ The world's largest living plant has been identified in the shallow waters off the coast of Western Australia.
- ❖ The sprawling seagrass is a marine flowering plant known as *Posidonia australis*.
- ❖ It is believed to have spread from a single seed over at least 4,500 years.
- ❖ It is expanded for more than 112 miles (180 kilometres)
- ❖ It is present in Shark Bay, a wilderness area protected as a World Heritage site.

Khuvsgul Lake National Park

- ❖ Mongolia's Khuvsgul Lake National Park has been recently added to the World Network of Biosphere Reserves of UNESCO.
- ❖ The decision was taken during the 34th session of the International Coordinating Council of the Man and the Biosphere Programme -Paris, France.

- ❖ Khuvsgul Lake is located in the northern Mongolia near the Russian border.
- ❖ It holding nearly 70 per cent of Mongolia's fresh water.



Glischropus Meghalayanus

- ❖ A new species of bamboo-dwelling bat named Glischropus Meghalayanus was discovered recently in Meghalaya.
- ❖ This is the first report of a thick-thumbed bat not only from India but also from South Asia.
- ❖ It is small in size and has a dark brown colour with sulphur yellow belly.
- ❖ With this new discovery, the total number of bat species known from India stands at 131.



Wettest place on earth

- ❖ Meghalaya's Mawsynram has set a new rainfall record of highest single-day rainfall since 1966.
- ❖ It is breaking Cherrapunji's record as the wettest place on earth.
- ❖ Mawsynram received 1003 mm rainfall in 24 hours.

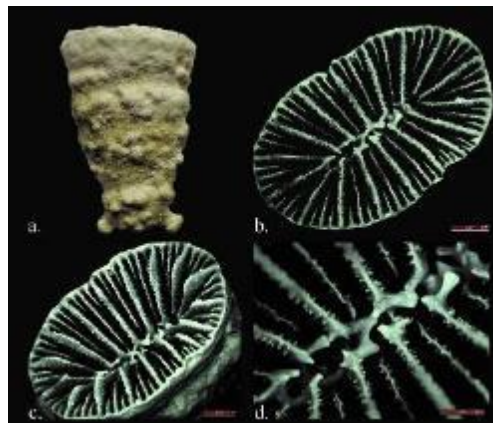
- ❖ The rainfall in Cherrapunji, which is also one of the wettest places on earth, was the highest in June since 1995 and third highest in 122 years.
- ❖ Cherrapunji is located at an aerial distance of 10 km from Mawsynram.

‘Single-use plastic’ ban

- ❖ Union government has banned the use of ‘single-use plastic’ from July 1, 2022.
- ❖ Single-Use plastic refers to plastic items which are used once and discarded.
- ❖ Polythene bags under 75 microns was already banned in September 2021.
- ❖ From December 2022, polythene bags under 120 microns will also be banned.

Four new corals

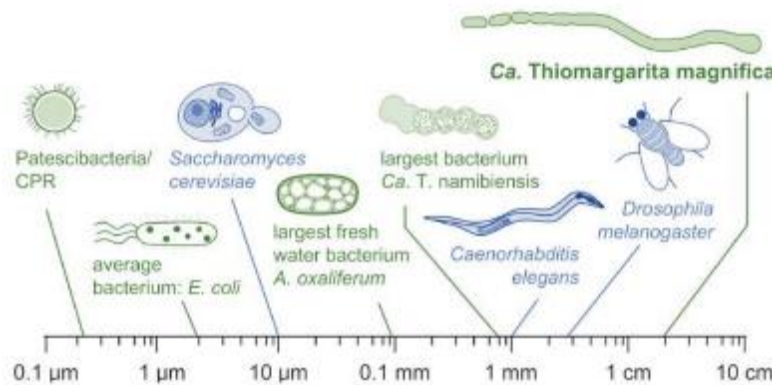
- ❖ Four species of corals for the first time from Indian waters.
- ❖ These new species of azooxanthellate corals were found from the waters off the Andaman and Nicobar Islands.
- ❖ These are a group of corals that do not contain zooxanthellae.
- ❖ They derive nourishment not from the sun but from capturing different forms of planktons.



Thiomargarita magnifica

- ❖ Scientists have discovered the world's largest bacterium in the archipelago of Guadeloupe, a Caribbean mangrove swamp.
- ❖ It is in the form of white filaments, almost the size of human eyelashes.
- ❖ It is the first to be visible with naked eye.
- ❖ Usually, bacteria are so small that they can only be seen through a microscope.

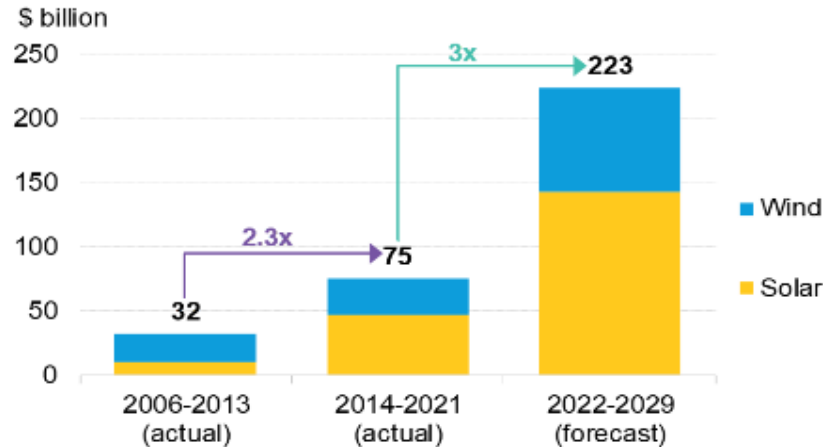
- ❖ It is the biggest single-cell bacteria found up till now.
- ❖ It has a large vacuole.
- ❖ That allows some cell functions to happen in that controlled environment instead of throughout the cell.



2030 climate goals

- ❖ India will need to invest \$223 billion to meet its wind and solar capacity goals for 2030.
- ❖ It was according to a new report released by research company Bloomberg NEF (BNEF).
- ❖ India's non-fossil energy capacity will reach 500 gigawatts (GW) by 2030.
- ❖ India will meet 50% of the country's energy requirements by then.
- ❖ India will reduce its total projected carbon emissions by one billion tonnes by 2030.
- ❖ India will reduce the carbon intensity of its economy by 45% by 2030, over 2005 levels.
- ❖ India will achieve net-zero emissions by 2070.
- ❖ India has already installed 165 GW of renewable energy by 2021.
- ❖ India's reliance on coal will drop from 53% of installed capacity in 2021 to 33% in 2030.
- ❖ Whereas solar and wind together will make up 51% by then, up from 23% in 2021.
- ❖ India has already invested around \$ 75 billion in renewable energy in the past eight years between 2014 to 2021 to install 165 GW of renewable energy
- ❖ Now India needs to treble to \$ 223 billion to meet India's 500 GW goal by 2030.

Figure 1: India's financing needs for 2030 wind and solar targets



Udaipur's 'bird village'

- ❖ It is set to be notified as Rajasthan's new wetland.
- ❖ It is located in Menar in the Udaipur district.
- ❖ It is recognised as the "bird village".
- ❖ At present, Rajasthan has two wetlands recognised as Ramsar sites.
- ❖ They are Keoladeo Ghana in Bharatpur district and Sambhar Salt Lake in Jaipur district.

Red list of birds in Kerala

- ❖ Kerala will soon have its own red list of birds.
- ❖ The Kerala Bird Monitoring Collective led by Kerala Agricultural University and the Bird Count India will conduct the regional red list assessment.
- ❖ Once it gets ready, Kerala will be the first State to have a region-specific red list of birds.
- ❖ A species seen common at the global level may be a threatened species at the regional level.
- ❖ According to the global IUCN red list, Kerala has 64 threatened species of birds.
- ❖ In that, the Red-headed vulture and White-rumped vulture are critically endangered.

Wolly Mammoth

- ❖ The mummified body of a baby woolly mammoth with skin and hair was discovered in the far north of Canada.
- ❖ It is believed to be female and would have died during the Ice Age, more than 30,000 years ago.
- ❖ The discovery also marks the first near-complete and best-preserved mummified woolly mammoth found in North America.
- ❖ The woolly mammoth lived during the Pleistocene until its extinction in the Holocene epoch.
- ❖ The findings were called as 'beautiful and one of the most incredible mummified ice age animals ever discovered in the world.'



Elephant Siren project – Odisha

- ❖ The Dhenkanal forest department in Odisha have planned to install automatic sirens near the national highway.
- ❖ It aims to protect elephants from accidents and to end elephant-man fight.
- ❖ Under the Elephant Siren Project, Siren tower will be put in the elephant prone areas.
- ❖ The siren tower will be located along the Dhenkanal-Anugul National Highway 55, on experimental basis.
- ❖ These sensor-based sirens will start blaring, when elephants will cross the road for alerting drivers within a distance of up to 1 km.
- ❖ As soon as elephants will arrive, the siren will ring and red light will be turned on.
- ❖ An Elephant Over Passing Project is also scheduled to be implemented under Kapilas Range.



Single Use Plastic Ban

- ❖ The Central government is all set to ban the use of single-use plastic from July 1, 2022.
- ❖ Those violating single use plastic ban can be penalized under the Environment Protection Act 1986.
- ❖ It allows for imprisonment up to 5 years, a penalty up to Rs. 1 lakh, or both.
- ❖ The Ministry of Environment Forest and Climate Change had notified the Plastic Waste Management Amendment Rules, 2021.
- ❖ These rules were notified to prohibit specific single-use plastic items, that have “high littering potential and low utility” by 2022.
- ❖ As per rules, manufacturing, import, stocking, distribution, sale and use of identified single-use plastic will be banned.
- ❖ It is including the polystyrene and expanded polystyrene.
- ❖ This ban will not be applicable to commodities made of compostable plastic.
- ❖ Permitted thickness of the plastic bags have been increased to 75 microns, from 50 microns, starting from September 30, 2021 and to 120 microns from December 31, 2022.
- ❖ As per the Plastic Waste Management Rules of 2016, there is also a complete ban on sachets using plastic material for storing, packing, or selling Gutkha, tobacco, and pan masala
- ❖ The Central Pollution Control Board, and state pollution bodies, are the monitoring authority.
- ❖ They will monitor the ban, identify violations, and impose penalties that have been under Environmental Protection Act, 1986
- ❖ In India, 9.46 million tonnes of plastic waste are generated every year.
- ❖ Out of which 43% is single use plastic.
- ❖ As per the report published in 2021, the single use plastics account for a third of all plastic produced globally.
- ❖ In which, 98% manufactured from fossil fuels.

STATES

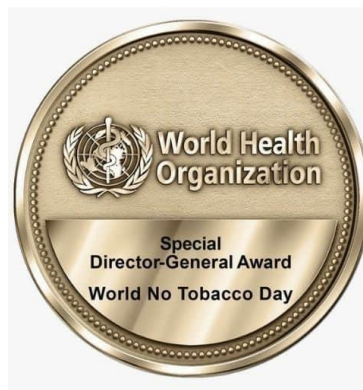
Drone for parcel delivery

- ❖ For the first time in the country, India's postal department delivered mail using a drone as a part of the pilot project in the Kutch district of Gujarat.
- ❖ The mail was dispatched using the drone from Habay village in Bhuj taluka and was delivered to Ner village in Bhachau taluka of the Kutch district.
- ❖ The drone covered 46 kilometres in 25 minutes.



WHO Award for Tobacco Control

- ❖ Jharkhand has been selected by the WHO for the World No Tobacco Day (WNTD) Award, 2022 for its efforts to control tobacco consumption.
- ❖ The State Tobacco Control Cell of the Jharkhand Health Department will receive the award on the occasion of World No Tobacco Day in New Delhi.
- ❖ National Tobacco Control Programme (NTCP) was launched in Jharkhand in 2012.



- ❖ The tobacco prevalence rate in the state was 51.1 per cent.



- ❖ Of which 48 per cent were non-smoking users.
- ❖ As per the report of 2018, the number of tobacco users in the state declined to 38.9 per cent.
- ❖ Of which 35.4 per cent were non-smoking users.

First rural tribal technical training programme

- ❖ Madhya Pradesh launched the country's first rural tribal technical training in Bhopal.
- ❖ It is established under the 'Parliamentary Complex Project' for tribal youth.
- ❖ In the 'Parliamentary Complex Project', technical training will be imparted to rural tribal youth.
- ❖ This training programme has been first started in Madhya Pradesh as an pilot basis.

Rajiv Gandhi Khel Ratna Award - Rajasthan

- ❖ The Chief Minister of Rajasthan has announced that Rajiv Gandhi Khel Ratna Award will be introduced in the state for various sportspersons.
- ❖ On 29th August 2022, the Rajiv Gandhi Rural Olympics will begin.

Caste based census - Bihar

- ❖ Bihar Cabinet has approved a proposal to start caste-based headcount in the state.
- ❖ This Census will be conducted by the general administration department at the state level.
- ❖ District magistrates will be nodal officers and engage employees in their districts as enumerators.

ACB 14400 app

- ❖ An app named “ACB 14400” has been launched by the Chief Minister of Andhra Pradesh.
- ❖ This app was launched to curb corruption at government offices across the State.
- ❖ This app has been developed by the Anti-Corruption Bureau (ACB).
- ❖ Prior to this, people could file a complaint through a toll-free number, 14400.
- ❖ But they didn't submit evidence with it.

‘E-stamp’ Facility

- ❖ The government of Punjab has abolished physical stamp papers.
- ❖ It aims to bringing more efficiency and checking the pilferage of the state revenue.
- ❖ After this decision, stamp papers of any denomination can currently be obtained via e-stamp (computerized print-out) from any authorized banks or stamp vendors.
- ❖ Earlier, the e-stamping facility in the state was applicable only for valuations of above Rs 20,000.
- ❖ According to the new rules, this facility has been extended for all denominations starting from One Rupee.

World’s First Liquid Nano Urea Plant

- ❖ PM has launched the country’s first liquid nano urea plant at Kalol, Gujarat.
- ❖ It is urea in the form of nanoparticle.
- ❖ The Liquid nano urea can be sprayed directly on the leaves and gets absorbed by the plant.
- ❖ Urea is a chemical nitrogen fertiliser.
- ❖ It artificially provides nitrogen, a major nutrient required by plants.
- ❖ India is the second-largest consumer of urea in the world
- ❖ But it is only the third-largest producer.



Faceless RTO Offices

- ❖ The government of Maharashtra launched the faceless Regional Transport Offices (RTOs).
- ❖ It aims to help the citizens of the state avail facilities such as driving licences, etc, without the need of being physically present at the RTOs.
- ❖ At present, the transport department of Maharashtra is providing 118 different services.
- ❖ Out of which 80 are online with 6 more services having been included under the new initiative.

State butterfly of Sikkim

- ❖ The Chief Minister of Sikkim, P.S. Golay, declared Blue Duke as “State Butterfly of Sikkim”.
- ❖ Blue Duke is a native butterfly species of Sikkim.
- ❖ It represents Sikkim with its two unique colours.
- ❖ Blue colour represents sky while white colour depicts snow clad mountains of Himalayas.
- ❖ Blue Duke is also called *Bassarona durga*.
- ❖ It is unique to Sikkim and Eastern Himalayas.
- ❖ Blue Duke is listed in Schedule 2 of Wildlife Protection Act, 1972.
- ❖ It is a highly protected species of butterfly in the Himalayas.



Baikho festival



- ❖ It is celebrated in the state of Assam.
- ❖ It is celebrated by Rabha tribes of India.
- ❖ Rabhas are a Tibeto-Burman community.
- ❖ They reside in Lower Assam in Garo hills and Dooar region of West Bengal.

First Drone Policy in State

- ❖ The 'Himachal Pradesh Drone Policy 2022' was approved by the chief minister Jai Ram Thakur.
- ❖ It becomes the first Indian state to approve a policy for drones.
- ❖ The policy envisions creating a holistic drone ecosystem built upon the foundation of Governance and Reforms Using Drones (GARUD).

Bihar Mahatma Gandhi Bridge

- ❖ The superstructure replacement for Mahatma Gandhi Setu inaugurated recently.
- ❖ This new type of work was executed in India for the first time.
- ❖ It is a four-lane bridge, constructed on River Ganga, at Patna.
- ❖ It was constructed during year 1980s by Bihar Government and inaugurated in May 1982.
- ❖ It remained the longest river bridge in India between 1982 to 2017.



Suraksha-Mitra Project

- ❖ The Suraksha-Mitra project has become operational in the State of Kerala.
- ❖ Suraksha-Mitra Project is a vehicle monitoring system.
- ❖ It sends distress messages in case of any accident.

- ❖ Motor Vehicle Department has launched this project under Nirbhaya Scheme.
- ❖ This system will send a distress message to owners' mobile phones, if there are any untoward incidents while travelling.

Cancer research Centre

- ❖ Kerala Chief Minister inaugurated a cancer diagnostics and research centre at Kochi.
- ❖ It is slated to be the country's first oncology laboratory for comprehensive cancer diagnostic services.

FRUITS' software

- ❖ The Karnataka government has launched 'The Farmer Registration & Unified Beneficiary Information System' or FRUITS.
- ❖ This is a software for Aadhar-based, single-window registration for the schemes.
- ❖ It will facilitate single registration using an Aadhar card and Karnataka's Bhoomi digitized land record system for authenticating ownership.

Tukaram Temple

- ❖ A temple of 17th-century saint Tukaram was inaugurated in Dehu, Maharashtra.
- ❖ He was a warkari saint and poet.
- ❖ He was a prominent figure in Bhakti movement.
- ❖ He was known for 'abhanga' devotional poetry.
- ❖ He is also famous for leading community-based worship by means of spiritual songs called as kirtans.
- ❖ He was a Saint of Varkari sampradaya, that have a lot of respect for God Vithoba.





Balika Panchayat Initiative

- ❖ India's first-ever girl Panchayat, called "Balika Panchayat", was started in several villages of Kutch district in Gujarat.
- ❖ It aims to promoting social and political development of girls as well as ensure active participation of girls in politics.
- ❖ It was launched under the 'Beti Bachao Beti Padhao' campaign.
- ❖ "Balika Panchayat" is managed by people aged 11-21 years.
- ❖ The member of Balika Panchayat is nominated just like Gram panchayat.

International literary festival

- ❖ A three-day international literary festival called "Unmesha" was held at Gaiety Theatre in Shimla, Himachal Pradesh.
- ❖ This festival is India's largest international literary festival till date.

Kerala Migration Survey

- ❖ Kerala state has announced to conduct "Kerala Migration Survey 2022-23".
- ❖ It aims to prepare a data bank on Malayali expatriates across the world.
- ❖ As a part of the survey, a "Malayali Pravasi Portal" will be launched.
- ❖ This portal will be used to link Insurance and other welfare schemes for expatriates.
- ❖ An elaborate global registration campaign will also be held, to prepare the database.
- ❖ The first ever survey in 1998 showed that, around 1.5 million Keralites were then living outside India.
- ❖ In 2018, there are an estimated 2.12 million emigrants from Kerala worldwide.

Spiny Horntail

- ❖ Spiny Horntail is a dragonfly species.
- ❖ It was not seen in Kerala until now.
- ❖ This species is known to be endemic to the Western Ghats
- ❖ It was discovered in Maharashtra earlier this year.
- ❖ The species differs from other Burmagomphus species by the markings on the lateral thorax and the peculiar shape of anal appendages.



Steps to stabilize debt levels

- ❖ Based on the debt-GSDP ratio in 2020-21, Ten states having the highest debt burden.
- ❖ Five states namely, Bihar, Kerala, Punjab, Rajasthan, and West Bengal figure among the most stressed states fiscally.
- ❖ Punjab's debt-GSDP ratio is projected to exceed 45 per cent in 2026-27.
- ❖ Rajasthan, Kerala and West Bengal are projected to exceed the debt-GSDP ratio of 35 per cent by 2026-27.

Kempegowda International Award

- ❖ The Former chief minister of Karnataka S M Krishna, founder of Infosys & IT industry veteran N R Narayana Murthy, as well as former badminton player Prakash Padukone, were selected for Kempegowda International Award 2022".
- ❖ Kempe gowda was the architect of Bengaluru city.
- ❖ Kempegowda Award is also known as Nadaprabhu Kempegowda Award.
- ❖ It is a civilian award presented by Bruhat Bengaluru Mahanagara Palike (BBMP), annually.
- ❖ The award has been named after ruler of Vijayanagara Empire, Nadaprabhu Hiriya Kempe Gowda.
- ❖ He built the Bengaluru city in 1537.

Single-use plastic Buy back scheme

- ❖ Himachal Pradesh launched the "Single-Use Plastic Buy Back Scheme"
- ❖ Himachal Pradesh government would purchase the single-use plastic items from students of schools and colleges.
- ❖ For this, government will pay Rs 75 per kg to students.



PERSONALITIES, AWARDS AND EVENTS

Booker Prize for Hindi Novel

- ❖ Author Geetanjali Shree's Hindi novel 'Tomb of Sand' won the prestigious International Booker Prize.
- ❖ This is the first book in any Indian language to win this prestigious Prize.
- ❖ The International Booker Prize was launched in 2004 to reward, every two years.
- ❖ Earlier it was known as the Man Booker International Prize.
- ❖ It is awarded to a contemporary author of any nationality for a body of work published in English or available in English translation.
- ❖ Since 2016, it has been given every year to a book translated into English and published in the UK or Ireland.

Immunization Champion award

- ❖ Radio Jockey Umar Nisar (RJ Umar) from South Kashmir, has been awarded the '01 Best Content Award' and the Immunization Champion award by UNICEF.
- ❖ The award has been conferred to Umar for his work of providing awareness and countering rumours to reach audiences during the pandemic.
- ❖ The Radio4Child felicitated radio professionals from private FM and All India Radio from across the country for their commendable work during the COVID-19 pandemic as well as for routine vaccination.

Philatelist Hemachandra Rao

- ❖ Philatelist, D. Hemachandra Rao passed away recently.
- ❖ He is known as "Lighthouse man".
- ❖ He was an authority on Buckingham Canal.
- ❖ He turned his house into Maritime Heritage Museum.
- ❖ He was keen to be a part of Madras Day events and did some special covers for the day.

Best project award

- ❖ An initiative by the Meghalaya government received the best project award in the category of "the role of governments in the promotion of ICTs for development".
- ❖ The initiative was named Meghalaya Enterprise Architecture.

- ❖ This was awarded at the United Nations World Summit on the Information Society Forum 2022.
- ❖ Meghalaya Enterprise Architecture (MeghEA) is the only project from India to win the winner award this year.

Agreement for conserve soil

- ❖ Gujarat's Climate Change Department has signed a Memorandum of Understanding to join the worldwide 'Save Soil' initiative.
- ❖ Sadhguru, the Founder Isha Outreach, and Gujarat Chief Minister Bhupendra Patel signed a Memorandum of Understanding in Ahmedabad.

Freedom fighter Anjalai Ponnusamy

- ❖ Freedom fighter Anjalai Ponnusamy of Tamilnadu, who fought for India's independence from colonial Britain, passed away recently.
- ❖ At the age of 21, Anjalai joined the Rani of Jhansi Regiment, the women's regiment of the Indian National Army.



Sitara-e-Pakistan award

- ❖ Former West Indies Cricket captain, Daren Sammy has been conferred with the Sitara-i-Pakistan Award for Services to Pakistan.
- ❖ The 38-year-old all-rounder was being recognized for his role in helping to bring back Pakistan's participation in international cricket.
- ❖ It is the third-highest civil award conferred by Pakistan.
- ❖ In March 2020, he received the highest civilian medal of Pakistan, Nishan-e-Pakistan.
- ❖ He was also awarded honorary Pakistani citizenship by the President of Pakistan.

Times Business Award 2022

- ❖ Director of Ruchi Foodline, Rashmi Sahoo has been conferred the Times Business Award 2022.
- ❖ The award was given in the category of Eastern India's Leading READY -TO-EAT brand.

Mumbai International Film Festival (MIFF)

- ❖ The Dutch documentary film "Turn Your Body to the Sun" has won the prestigious Golden Conch award for the Best Documentary Film at MIFF 2022.
- ❖ This award is instituted in memory of legendary filmmaker V Shantaram
- ❖ In the Short Fiction category, Malayalam film 'Saakshatkaaram' shares the Silver Conch award with Gudmund Helmsal's 'Brother Troll' a film from Faroe Islands of Denmark.
- ❖ In commemoration of Bangladesh's 50 years of Independence the country has been chosen as the 'Country of Focus' this year.
- ❖ Mumbai International Film Festival is the oldest and largest film festival for non-feature films in South Asia.

International Indian Film Academy Awards (IIFA)

List of the winners of IIFA 2022

- Best Actor (Male): Vicky Kaushal (Sardar Udham)**
- Best Actor (Female): Kriti Sanon (Mimi)**
- Best Director: Vishnuvardhan (Shershaah)**
- Best Film: Shershaah**
- Best Playback Singer Female: Asees Kaur for 'Raataan Lambiyan', (Shershaah)**
- Best Playback Singer Male: Jubin Nautiyal for song 'Raataan Lambiyan', (Shershaah)**
- Best Lyrics: Kausar Munir for 'Lehra Do', 83**
- Best Music Direction: A R Rahman for Atrangi Re and Jasleen Royal, Javed-Mohsin, Vikram Montrose, B Praak, Jaani for Shershaah**
- Best Male Debut: Ahan Shetty (Tadap)**
- Best Female Debut: Sharvari Wagh (Bunty Aur Babli 2)**
- Best Story Adapted: Kabir Khan, Sanjay Puri Singh Chauhan for 83**
- Best Original Story: Ludo by Anurag Basu**
- Best Supporting Actor Female: Sai Tamhankar (Mimi)**
- Best Supporting Actor Male: Pankaj Tripathi (Ludo)**

- ❖ It was held in Abu Dhabi, capital of the United Arab Emirates.
- ❖ This year the IIFA 2022 Awards was hosted by Salman Khan, Maniesh Paul and Riteish Deshmukh.
- ❖ Sidharth Malhotra's Shershaah dominated the awards this year, with the film winning in as many as five categories.

Mithali Raj

- ❖ The legendary Indian cricketer Mithali Raj announced her retirement from all forms of International Cricketer.
- ❖ She is the highest run-scorer in the women's international cricket.
- ❖ She has been the Captain of the Women's Indian cricket team since 2005.
- ❖ She is the only female cricketer who have captained in more than one ICC ODI World Cup Final that is in the year 2005 and 2017.
- ❖ She also become the first woman to complete 20 years in international cricket in the year 2019.
- ❖ She is the only female cricketer to surpass the 7,000-run mark in Women's One Day International Matches
- ❖ She became the first Indian woman cricketer that has completed 10,000 international runs in all the cricket formats.





Ramkrishna Mukkavilli

- ❖ The United Nations Global Compact has named ten new SDG Pioneers.
- ❖ They corporate leaders who are excelling in advancing the Sustainable Development Goals (SDGs).
- ❖ For the first time in the world, Ramkrishna Mukkavilli, an Indian has been named into this.
- ❖ He was appointed a Global Sustainable Development Goal (SDG) Pioneer for Water Stewardship.

Awards in District Skill Development Planning

- ❖ Recently, 2nd edition of “Awards for Excellence in District Skill Development Planning 2022” was organized.
- ❖ The Awards was given to Top 30 districts, for their innovative best practices in skill development.
- ❖ Rajkot (Gujarat), Cachar (Assam) and Satara (Maharashtra), were ranked among the top three districts, respectively.
- ❖ DSDP awards were constituted in June 2018, under the SANKALP scheme.
- ❖ SANKALP stands for “Skill Acquisition and Knowledge Awareness for Livelihood Promotion”.

Martin Ennals Award 2022

- ❖ The Indian social activist Father Stan Swamy was posthumously honoured with the Martin Ennals Award.
- ❖ The award presented by the Martin Ennals Foundation based in Geneva, Switzerland.
- ❖ It is regarded as the Nobel Prize for human rights defenders.
- ❖ Father Swamy was a Jesuit priest and activist.
- ❖ He founded several organisations to promote Adivasi rights in Jharkhand.
- ❖ He was arrested under the Unlawful Activities (Prevention) Act for his alleged ties to the Bhima Koregaon violence of 2018.
- ❖ Other winners
 - Pham Doan Trang – Leading journalist
 - Dr. Daouda Diallo - Pharmacist
 - Abdul-Hadi Al-Khawaja

2nd longest reigning monarch

- ❖ Britain's Queen Elizabeth II become the world's second-longest reigning monarch in history, after France's Louis XIV.
- ❖ Now she has overtaken Thailand's King Bhumibol Adulyadej, who reigned for around 70 years.
- ❖ Louis XIV of France remains the longest-reigning monarch, with a 72-year and 110-day reign from 1643 until 1715.



Science adviser to the President

- ❖ US president Joe Biden is expected to name Arati Prabhakar as the head of the White House Office of Science and Technology Policy.
- ❖ She will be the first woman and the first person of color to serve as science adviser to the President of the United States.
- ❖ Arati also served in top roles during the presidential tenures of Bill Clinton and Barack Obama.

Head of Press Council of India

- ❖ The Retired Supreme Court judge Ranjana Prakash Desai became the first women chairperson of the Press Council of India.
- ❖ She had recently headed the Delimitation Commission on Jammu and Kashmir which was set up to redraw the Assembly constituencies of the Union Territory.

Press Council of India

- ❖ PCI was established under the PCI Act of 1978.
- ❖ It Consists of a chairman and 28 other members.
- ❖ The PCI only overviews the functioning of print media.
- ❖ It does not have the power to review the functioning of the electronic media like radio, television and internet media.

Global Conference of Young Parliamentarians

- ❖ The Eighth Global Conference of Young Parliamentarians has been started in Sharm El Sheikh, Egypt to address climate change.
- ❖ The two-day conference is being jointly organized by the House of Representatives and the Inter-Parliamentary Union.
- ❖ Nagaland's first woman elected as Member of Parliament to Rajya Sabha, S. Phangon Konyak is representing India at the Conference.
- ❖ She will be sharing her thoughts on the 'Young MPs for Climate Actions'.

Skalzang Rigzin

- ❖ He is the first mountaineer from India to ascend Mount Annapurna's top without the aid of oxygen.
- ❖ Skalzang Rigzin has set a record to conquer two summits without oxygen supplements.
- ❖ It was done with 16 days of gap between climb of Mt Annapurna on April 28 and Mt Lhotse on May 14.
- ❖ Annapurna is a mountain situated in the Annapurna Mountain range of Gandaki Province, north-central Nepal.
- ❖ It is the tenth highest mountain in the world at 8,091 metres above sea level.
- ❖ It is also known as the Killer Mountain due to its fatality to summit rate.



Women's Prize for Fiction

- ❖ This prestigious literary prize was awarded to author Ruth Ozeki for her novel "The Book of Form and Emptiness."
- ❖ Now in its 27th year, the Women's Prize for Fiction is given to a female English-language writer from anywhere in the world whose voice rings true.

SPORTS

IBA Women's World Boxing Championships

- ❖ The 12th edition of the 2022 International Boxing Association (IBA) Women's World Boxing Championship (WWBC) was held at Istanbul, Turkey.
- ❖ Belarusian and Russian boxers were not allowed to compete at the event.
- ❖ India for the first time in the past four years, had won a total medal tally of 3.
- ❖ It includes one Gold and two Bronze.

Rank	Nation	Gold	Silver	Bronze	Total
1	Turkey	5	-	2	7
2	Ireland	2	-	-	2
3	Canada	1	1	0	2
4	India	1	-	2	3

Women's 200m in the Paracanoe World Cup

- ❖ Paralympian Prachi Yadav made history for India by becoming the first canoeist from the country to win a World Cup medal.
- ❖ She bagged a bronze in the VL2 Women's 200m in the Paracanoe World Cup held in Poznan, Poland.
- ❖ Prachi, the para-canoeist, is the first Indian to qualify for and reach the final in the Paralympic Games in Tokyo last year.

IBSA Judo Grand Prix

- ❖ India won its first ever medal at the IBSA Judo Grand Prix, held at Nur Sultan, Kazakhstan.
- ❖ 18 of the 21 countries that competed won medals.
- ❖ Several countries, including Iraq, Switzerland, and India, earned their first medals in the IBSA Grand Prix as a result of these.

ISSF World Cup 2022

- ❖ Indian women's shooting team bagged a gold medal for India in the 10m air rifle in ISSF World Cup 2022.
- ❖ This was India's first medal at the ongoing ISSF World Cup in Baku, Azerbaijan.

- ❖ The trio of Elavenil Valarivan, Shreya Agarwal and Ramita from India defeated Denmark.

French Open Tournament 2022

- ❖ Rafael Nadal of Spain won the 14th French Open at Paris, France.
- ❖ He beat Casper Ruud of Norway.
- ❖ With this win, his record extended to 22nd Grand Slam title.
- ❖ It includes a record of 14 French Open titles.
- ❖ He became the oldest male champion at Roland Garros, France.
- ❖ French Open is the only clay court tennis championship.

Title	Winner	Runner up
Men's Singles	Rafael Nadal (Spain)	Casper Ruud (Norwegian)
Women's Singles	Iga Świątek (Poland)	Coco Gauff (US)
Men's doubles	Marcelo Arévalo (El Salvador), Jean-Julien Rojer (Netherlands)	Ivan Dodig (Croatian), Austin Krajicek (US)
Women's doubles	Caroline Garcia (French), Kristina Mladenovic (French)	Jessica Pegula (US), Coco Gauff (US)
Mixed doubles	Ena Shibahara (JAPAN), Wesley Koolhof (Netherlands)	Joran Vliegen (Belgium), Ulrikke Eikeri (Norway)

FIFA Cup 2022

- ❖ Wales have reached the FIFA World Cup for the first time since 1958.
- ❖ The 2022 FIFA World Cup is scheduled to be the 22nd running of the FIFA World Cup competition
- ❖ It is to be held for the first time in Qatar.
- ❖ This will be the first World Cup ever to be held in the Arab world.
- ❖ It will be the second World Cup held entirely in Asia after the 2002 tournament was held in South Korea and Japan.
- ❖ In addition, the tournament will be the last to involve 32 teams, with an increase to 48 teams scheduled for the 2026 tournament in the United States, Mexico, and Canada.
- ❖ Due to Qatar's intense summer heat, this World Cup will be held from late-November to mid-December.
- ❖ Thus, it is making it the first tournament not to be held in May, June, or July.



Bolat Turlykhanov Cup

- ❖ It is a wrestling event held in Almaty, Kazakhstan.
- ❖ Sakshi Malik, Rio Olympics Bronze medallist won her first international gold medal in this cup.
- ❖ India concluded this United World Wrestling's ranking series on second position with 12 medals.
- ❖ Iran topped the medal tally with 14 medals.

Ironman Triathlon

- ❖ Shreyas G. Hosur, became the first officer from the Indian Railways to complete the gruelling 'Ironman' Triathlon, in Hamburg, Germany.
- ❖ It is considered to be the toughest single-day sports event in the world.
- ❖ This event includes 3.8 km of swimming, 180 km of cycling and 42.2 km of running.

3 Consecutive ODI Centuries

- ❖ Pakistan skipper Babar Azam create a record with his century against West Indies.
- ❖ Thus, he becoming the first batter to score three consecutive hundreds on two separate occasions in ODIs.
- ❖ This is the second time that Babar has scored three consecutive centuries in ODIs.
- ❖ His earlier three centuries came against West Indies in 2016, when he made 120, 123, and 117 in back-to-back innings.

Khelo India Youth Games 2021

- ❖ The Hosts Haryana won the Khelo India Youth Games 2021 title with 52 gold medals.
- ❖ Haryana also won 39 silver and 46 bronze medals.
- ❖ And its overall medal tally is 137 medals.
- ❖ Maharashtra, got 45 gold, 40 silver and 40 bronze medals to come second with 125 medals.
- ❖ Karnataka, with 22 gold, 17 silver and 28 bronze, finished third with 67 medals.



Fifth highest goal scorer

- ❖ Indian men's football team captain Sunil Chhetri became the joint fifth highest goals corer in international football history with 84 goals.
- ❖ Currently, Ronaldo is the highest goals corer in international football with 117 goals.
- ❖ Messi is in the fourth spot with a total of 86 goals.

National record in Javelin

- ❖ Neeraj Chopra broke his own national record in Finland with his 89.30 metre Javelin throw at Paavo Nurmi Games 2022.
- ❖ Neeraj Chopra broke his own National Record of 88.07m from March 2021.
- ❖ It was also the fifth-best throw of the season in the world so far

2026 FIFA World Cup

- ❖ The Matches for the 2026 World Cup will be held in 11 US cities as well as three host sites in Mexico and two in Canada.
- ❖ It will also be the first time that 48 teams will feature in the tournament.
- ❖ It is increase from the 32 that will contest in FIFA World Cup Qatar 2022.
- ❖ Mexico also hosted the FIFA World Cup in 1970 and 1986.
- ❖ The championship has been awarded every four years.

44th Chess Olympiad

- ❖ Prime Minister has launched the historic torch relay for the 44th Chess Olympiad.
- ❖ This year, for the very first time, International Chess Federation, FIDE, has instituted the Chess Olympiad Torch, a part of the Olympic tradition.
- ❖ India is the first country to have the Chess Olympiad Torch Relay.

Under-17 Asian Championship

- ❖ Indian women's Wrestling team has won Under-17 Asian Championship title with at Bishkek, Kyrgyzstan.
- ❖ India lifted the title with eight golds, one silver and one bronze.
- ❖ Japan had to be content with the runners-up trophy and Mongolia finished third place.



20th Folk Fair

- ❖ The Minister of Tribal Affairs Arjun Munda inaugurated the 20th Folk Fair (National tribal/folk song & dance festival) and 13th Krishi Fair 2022 at Saradhabali in Puri, Odisha.
- ❖ The two fairs which aimed at preserving tribal culture and promoting innovation in agriculture respectively.
- ❖ The Krishi Fair is a platform for all organisations and companies with innovations, products, solutions and services related to agriculture.

Indian Women Hockey Captain

- ❖ The Indian goalkeeper Savita Punia is to captain the Indian women's hockey team for the Women's Hockey World Cup 2022 and the 2022 Commonwealth Games.
- ❖ The long-serving captain Rani Rampal will be absent during these games.
- ❖ Deep Grace Ekka will be the vice-captain.
- ❖ The 2022 Commonwealth Games is scheduled to begin from July 28 in Birmingham, England.
- ❖ The 15th FIH Women's Hockey World Cup 2022 is scheduled to be held in Spain and the Netherlands in July 2022.
- ❖ It will be organised by the International Hockey Federation.

41st Asian Track Cycling Championships

- ❖ The event was held at New Delhi.
- ❖ It is a UCI (world cycling governing body) level 1 event.
- ❖ The event will rank individuals and will help cyclists qualify for the Paris Olympics 2024.
- ❖ Japan came first and South Korea came second in this event
- ❖ The Indian cycling team finished its campaign with 23 combined medals
- ❖ It includes two gold, six silver and 15 bronze.
- ❖ It is the best-ever performance by India at the championships.
- ❖ India's Ronaldo Singh won a historic silver medal in the men's sprint event.
- ❖ It was India's first-ever individual silver medal at the Asian meet.



Ranji Trophy 2022

- ❖ Madhya Pradesh create history in the Ranji Trophy 2022, in the final at the M.Chinnaswamy Stadium in Bengaluru
- ❖ They won their maiden Ranji Trophy title by beating Mumbai team.
- ❖ Mumbai batter Sarfaraz Khan was crowned as the 'Man of the Tournament'.
- ❖ Mumbai have won the tournament the most number of times with 41 wins.

IMPORTANT DAYS

World Milk Day – June 01

- ❖ It was established by the United Nations' Food and Agricultural Organization (FAO).
- ❖ The World Milk Day was first designated in 2001.
- ❖ The day is intended to provide an opportunity to bring attention to activities that are connected with the dairy sector.

Global Day of Parents - June 01

- ❖ On September 17, 2012, UN General Assembly passed the resolution to observe June 1 as the Global Parents Day.
- ❖ The day is proclaimed in honour of the role of parents in a life of a child.
- ❖ The Universal Peace Federation recognises the efforts of the caregivers in nurturing and protecting their kids throughout their lifetime.

Telangana Formation Day - June 02

- ❖ Telangana was carved out of erstwhile unified Andhra Pradesh on June 2, 2014.
- ❖ It was decided that both the states of Andhra Pradesh and Telangana will share Hyderabad as their capital for 10 years.
- ❖ Later, Seemandhra will establish its own capital.
- ❖ However, the revenues of Hyderabad will be enjoyed only by Telangana.
- ❖ Also, no special status was provided to Seemandhra.



World Bicycle Day – June 03

- ❖ The day is marked to spread awareness about the benefits of using a bicycle.
- ❖ According to the United Nations, the day highlights the “uniqueness, longevity and versatility of the bicycle”.
- ❖ The day is observed since 2018 after a resolution was passed by the United Nations’ its 72nd Regular Session.

International Day of Innocent Children Victims of Aggression – June 04

- ❖ It aims to raise awareness of the children who have been victims of physical, mental.
- ❖ The very first International Day of Innocent Children Victims of Aggression was observed on August 19, 1982.
- ❖ At the time, the day was focused on victims of the Lebanon War.

World Environment Day (WED) – June 05

- ❖ It is led by the United Nations Environment Programme (UNEP).
- ❖ The year 2022 marks the 50th WED.

- ❖ Sweden is the host this year and the theme is ‘Only One Earth’.
- ❖ Only One Earth was the motto for the 1972 Stockholm Conference.
- ❖ The United Nations Conference on Human Environment or the Stockholm conference was held in 1972.
- ❖ It was the first world conference with environment as the major agenda.
- ❖ It declared “right to live in a healthy environment” as “basic human right”.
- ❖ With this, the idea of World Environment Day was formalized.
- ❖ This conference also led to the creation of United Nations Environment Programme established by Maurice Strong.

International Day for the Fight against Illegal, Unreported and Unregulated Fishing – June 05



- ❖ In December 2017 the UN General Assembly in its annual resolution on sustainable fisheries proclaimed this day.
- ❖ Target 4 of Goal 14 of the Sustainable Development Agenda was adopted in 2015 by the UN General Assembly.

UN Russian Language Day – June 06

- ❖ It was established by the UNESCO in 2010.
- ❖ It coincides with the birthday of Alexander Pushkin, a Russian poet.
- ❖ He is considered the father of modern Russian language.
- ❖ It is one of the six official languages used by the United Nations.
- ❖ They are English, Arabic, Spanish, Chinese, Russian and French.

World Food Safety Day – June 07

- ❖ It was set aside by the United Nations in 2018 to raise awareness of food safety.
- ❖ This year, the theme is, “Safer Food, Better Health”.
- ❖ The World Health Organization (WHO) and the Food and Agriculture Organization of the United Nations (FAO) jointly facilitate the observance of this day.

World Brain tumour Day – June 8



- ❖ In 2022, the theme is ‘Together We Are Stronger’.
- ❖ It was first observed on June 8, 2000, by the German Brain Tumor Association for supporting brain tumour patient.
- ❖ There are two types of brain tumors, noncancerous (benign), and cancerous (malignant).

World Oceans Day – June 8

- ❖ It is celebrated to highlight the negative impact of human activities.
- ❖ The Oceans Institute of Canada brought the idea of celebrating global ocean day at the Earth Summit of the UN Conference on Environment and Development (UNCED) in 1992.

- ❖ After 16 years, the UN General Assembly passed a resolution in 2008 to designate this day.
- ❖ The theme for this year is "Revitalization: Collective Action for the Ocean."

World Accreditation Day – June 9



- ❖ It has been established by the joint efforts of the International Accreditation Forum (IAF) and the International Laboratory Accreditation Cooperation (ILAC).
- ❖ The first celebration of World Accreditation Day took place on 9th June 2008.
- ❖ Accreditation plays a key role in supporting the implementation of the United Nations Sustainable Development Goals (SDGs).
- ❖ This year the theme is "Accreditation: Sustainability in Economic Growth and the Environment."

International Level crossing awareness day - June 09

- ❖ It is an initiative for creating awareness for safety in level crossing.
- ❖ This campaign was started in 2009 by the International Union of Railways

World Day Against Child Labour - June 12

- ❖ This day dedicated to creating awareness about the menace of child labour and human trafficking
- ❖ This day officially adopted by the International Labour Organisation in 2002.
- ❖ The theme for World Day Against Child Labour 2022 is "Universal Social Protection to End Child Labour."



International Albinism Awareness Day – June 13

- ❖ The day represents the importance and celebration of human rights of people with albinism
- ❖ The theme for International Albinism Awareness Day 2022 is “United in making our voice heard”.
- ❖ On 18 December 2014, the General Assembly adopted a resolution proclaiming, with effect from 2015.
- ❖ Albinism is a rare, non-contagious, genetically inherited difference present at birth.

World Blood Donor Day – June 14

- ❖ It is to spread awareness regarding the need for “safe blood and blood products for transfusion”.
- ❖ For 2022, the slogan is “Donating blood is an act of solidarity.
- ❖ World Blood Donor Day marks the birth anniversary of Karl Landsteiner.
- ❖ He is one who first distinguished human blood into A, B, AB and O groups.
- ❖ He won the Nobel Prize for Medicine in 1930.

World Wind Day – June 15

- ❖ It is marked as a day of discovering the possibilities of wind power.
- ❖ Global Wind Day 2022 is based on the theme is celebrate to enjoy the benefits of Wind energy and providing education to the individuals about the power and potential of wind energy to change the world.
- ❖ The First Wind Day was commemorated in 2007 by the European Wind Energy Association

World Elder Abuse Awareness Day – June 15

- ❖ This Day came into existence in June 2006.
- ❖ In the year 2011, the World Elder Abuse Awareness Day was officially recognized by the United Nations General Assembly (UNGA).
- ❖ Digital Equity for All Ages is the theme of World Elder Abuse Awareness Day 2022



International Day of Family Remittances – June 16

- ❖ The day recognizes more than 200 million migrant workers, women and men, who send money home to over 800 million family members.
- ❖ United Nations is continuing last year's theme for International Day of Family Remittances: recovery and resilience through digital and financial inclusion.

International Day of the African Child – June 16

- ❖ This day commemorates the 16 June 1976 student uprising in Soweto, South Africa.
- ❖ The demonstration was led by the African students who were against apartheid-inspired education.
- ❖ The theme for the Day of the African Child 2022 is "Eliminating Harmful Practices Affecting Children: Progress on Policy and Practice since 2013".

World Day to Combat Desertification and Drought – June 17

- ❖ It was established in 1994 and it focuses on turning the degraded land into a healthy land.
- ❖ The main aim of this day is to find out achievable solutions for combating desertification.
- ❖ This year's theme is 'Rising up from drought together.'

World Sea turtle day – June 16

- ❖ It honours and highlight the importance of sea turtles to our ecosystem and spread awareness of their dwindling numbers.
- ❖ It is a day dedicated to Dr.Archie Carr, the father of sea turtle biology and the founder of the Sea Turtle Conservancy.

Sustainable Gastronomy Day – June 18

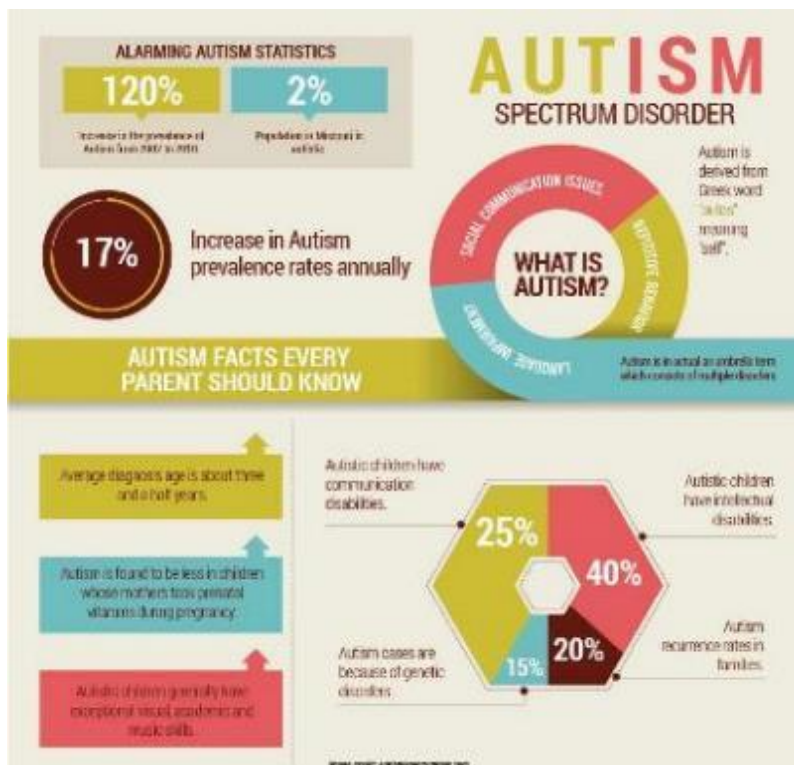
- ❖ Gastronomy is sometimes called the art of food.
- ❖ The objective of this day is to recognise the practices associated with sustainable food consumption, especially with the art of collecting and preparing the food we eat
- ❖ The day was recognised on 21 December 2016 after the United Nations General Assembly.

International Day for Countering Hate Speech – June 18

- ❖ In July 2021, the UN General Assembly adopted a resolution on “promoting inter-religious and intercultural dialogue and tolerance in countering hate speech”.
- ❖ The resolution proclaimed 18 June as the International Day for Countering Hate Speech.
- ❖ It was be marked for the first time in 2022.

Autistic Pride Day – June 18

- ❖ The first Autistic Pride Day was observed in Brazil in 2005.
- ❖ Autism spectrum disorder is a neurodevelopmental condition that affects a person’s ability to interact at a social level.



World Sickle Cell Awareness Day – June 19

- ❖ It aims to enlighten the public about sickle cell disease and its treatments.
- ❖ The event also addresses the difficulties faced by patients, their families and caregivers.
- ❖ Sickle cell anaemia is a group of inherited disorders that cause red blood cells to become sickle instead of normal biconcave shape.



World Sauntering Day – June 19

- ❖ It was first established by W.T. Rabe in 1979 in response to jogging's growing popularity.
- ❖ It encourages people to walk gently while enjoying the beauty of nature.

International Day for the Elimination of Sexual Violence in Conflict–June 19

- ❖ On June 19, 2008, the 15-member United Nations Security Council adopted resolution to create this day.
- ❖ It aims to raise awareness about conflict-related sexual violence.
- ❖ The theme for this year is 'Prevention as Protection: Enhancing structural and operational prevention of conflict-related sexual violence.'

Father's Day - June 19

- ❖ Father's Day is a holiday of honouring fatherhood and paternal bonds, as well as the influence of fathers in society.
- ❖ It is celebrated on the third Sunday of June for the first time in 1910.

National Reading Day - June 19

- ❖ It aims to honour Puthuvayil Narayana Panicker (PN Panicker).
- ❖ He is considered as the Father of Library and Literacy Movement in Kerala.
- ❖ Reading Day was started on June 19, 1996, by the Kerala Government along with the PN Panicker Foundation.

World Refugee Day – June 20

- ❖ The day was first established on 2001 in recognition of the 50th anniversary of the 1951 Convention Relating to the Status of Refugees.
- ❖ 2022 theme is 'Whoever, Whatever, Whenever. Everyone has a right to seek safety'.

World Music Day – June 21

- ❖ The theme of 2022 is "Music on the intersections".
- ❖ It was first celebrated in the year 1982 on the Summer Solstice in France.
- ❖ The former French minister of art and culture, Jack Lange, along with Maurice Fleuret started the Fête de la Musique in Paris.



World Hydrography Day – June 21

- ❖ The United Nations General Assembly accepted a resolution to celebrate World Hydrography Day on every June 21 in 2005.
- ❖ It was approved and implemented by the International Hydrographic Organisation (IHO).
- ❖ 2022 marks the 101st anniversary establishing the International Hydrographic Organization.
- ❖ The theme for 2022 is: "Hydrography - contributing to the United Nations Ocean Decade".

8th International Day of Yoga – June 21

- ❖ It has been celebrated across the world annually on June 21 since 2015, following its inception in the United Nations General Assembly in 2014.
- ❖ June 21 is the longest day of the year in the Northern Hemisphere.
- ❖ Theme for 2022 is 'Yoga for Humanity'.
- ❖ This year PM Modi led a mass Yoga event at the Mysuru Palace grounds in Karnataka.

International Day of the Celebration of the Solstice – June 21

- ❖ This day bring awareness about solstices and equinoxes and their significance for several religions and ethnic cultures.
- ❖ The Summer Solstice is the day of the year when the sun reaches its highest point in the sky.
- ❖ The Summer Solstice is the shortest day of the year in the Southern Hemisphere and the longest day of the year in the Northern Hemisphere.
- ❖ It occurs between December 20 to December 23 in the Southern Hemisphere.

World Rainforest Day – June 22

- ❖ It was founded in 2017 by Rainforest Partnership.
- ❖ The theme of this Day for 2022 is 'The Time is Now'.
- ❖ Rainforests are a source of many resources such as fresh water and clean air as they absorb harmful gases including carbon dioxide.
- ❖ Despite covering just 6 per cent of the Earth's surface, rainforests are home to around 50 per cent of all terrestrial biodiversity found on Earth.



International Widows' Day – June 23

- ❖ It aims to gather support for widows and to spread awareness about their situation.
- ❖ This year's theme is "Sustainable Solutions for Widows Financial Independence".
- ❖ The day was established by The Loomba Foundation to raise awareness about the issue of widowhood.
- ❖ It was on this day in 1954 that Pushpa Wati Loomba, mother of Lord Loomba, became a widow.
- ❖ It has been observed since 2011 by the United Nations.

International Olympic Day – June 23

- ❖ The day is primarily celebrated to commemorate the birth of modern Olympic games.
- ❖ The day marks the foundation of the International Olympic Committee (IOC).
- ❖ This year's theme is "Together for A Peaceful World."
- ❖ International Olympic Committee Headquarters is in Lausanne, Switzerland.
- ❖ International Olympic Committee was founded in 23 June 1894 at Paris, France.
- ❖ The first ever Olympic Day was celebrated on 23 June 1948.
- ❖ It was first adopted at the 42nd IOC Session in St Moritz, Switzerland.

United Nations Public Service Day – June 23

- ❖ It highlights the contribution and role of public service in the development of all sectors around the world.
- ❖ The theme for this year is "Building back better from COVID-19: Enhancing innovative partnerships to meet the Sustainable Development Goals."
- ❖ The UN General Assembly selected this day in 2002.
- ❖ The UN established the UN Public Service Awards (UNPSA) programme in 2003.

International Day of the Seafarer – June 25

- ❖ The International Convention on Standards of Training, Certification, and Watchkeeping for Seafarers (STCW), 1978 held in Manila, Philippines, in June 2010.
- ❖ It adopted a resolution that established the Day of the Seafarer.

- ❖ It is celebrated to honour the vital contribution that seafarers make to global trade and the economy.
- ❖ The theme for this year is “Your voyage – then and now, share your adventure”.

International Day Against Drug Abuse and Illicit Trafficking – June 26

- ❖ It is to commemorate Lin Zexu's dismantling of the opium trade in Guangdong, China.
- ❖ That ended on June 25, 1839, just before the First Opium War in China.
- ❖ “Addressing drug challenges in health and humanitarian crises” is the theme for this year.
- ❖ The focus of United Nations Office on Drug and Crime (UNODC) is to spread awareness about it.
- ❖ During the 93rd plenary meeting of the United Nations General Assembly (UNGA) in 1987, it was passed.



United Nations International Day in Support of Victims of Torture – June 26

- ❖ The United Nations aims toward the complete eradication of torture from all over the world.
- ❖ First, on June 26 1945, the United Nations Charter was signed during the midst of World War II.
- ❖ It was the first international instrument obliging UN members to respect and promote human rights.

- ❖ The second convention against torture and other cruel, inhuman, degrading treatment was made effective on June 26, 1987.
- ❖ In 1997, the United Nations General Assembly passed a resolution in this regard.
- ❖ The 1998 marked the 50th anniversary of the Universal Declaration of Human Rights.

Micro-Small and Medium-Sized Enterprises (MSME) Day – June 27

- ❖ MSME are enterprises that usually employ not more than 250 employees but are responsible for creating more than two-thirds of all jobs globally.
- ❖ It was marked by the United Nations General Assembly in its 74th Plenary in 2017.
- ❖ The move came after the International Council for Small Business (ICSB) 2016 World Conference Declaration on the urgent need to recognise MSME's role in global development.
- ❖ According to the United Nations, formal and informal MSMEs account for 70 per cent of the total employment and 50 per cent of the GDP.
- ❖ The theme of 2022 is 'MSMEs - Resilient recovery'.



World Vitiligo Day – June 25

- ❖ It is observed in a memorial to famous music artist Michael Jackson (the King of Pop), who suffered from this rare skin disorder.
- ❖ Also, known as Leukoderma, Vitiligo is a chronic skin autoimmune condition.
- ❖ The theme for this day in 2022 is Learning to Live with Vitiligo.



International Day of the Tropics – June 29

- ❖ It was observed for the first time in 2017.
- ❖ The Tropics host about 95% of the world's mangrove forest by area and 99% of mangrove species.
- ❖ The Tropics have around 54 percent of the world's renewable water resources.
- ❖ The Tropical region accounts for 40 per cent of the world's total surface area.
- ❖ It hosts to approximately 80 per cent of the world's biodiversity and much of its language and cultural diversity.

National Statistics day – June 29

- ❖ The government of India is celebrated on the birth anniversary of Mahalanobis.
- ❖ The theme for this year is 'Data for Sustainable Development'.
- ❖ It was first celebrated on 29th June 2007.
- ❖ The Day is celebrated to create awareness among youth about the role of statistics in socio-economic planning and policy formulation.
- ❖ Professor Prasanta Chandra Mahalanobis is known as the father of Indian Statistics.
- ❖ He devised a measure of comparison between two data sets that are now known as the Mahalanobis distance.
- ❖ He gave a two-sector Input-output model for the Second Five Year Plan.
- ❖ It was later become known as the Nehru-Mahalanobis model.
- ❖ He founded Indian Statistical Institute (ISI) in December 1931 in Kolkata.

International Asteroid Day – June 30

- ❖ It is held on the anniversary of the Tunguska event in 1908, when an asteroid levelled about 2,150 square kilometres (830 sq mi) forest in Siberia, Russia.
- ❖ Asteroid Day was co-founded by Stephen Hawking.
- ❖ In December 2016, the United Nations General Assembly adopted a resolution to celebrate this.
- ❖ The decision was made based on a proposal by the Association of Space Explorers, which was endorsed by Committee on the Peaceful Uses of Outer Space (COPUOS).
- ❖ The theme of this year's event is "small is beautiful".




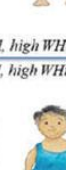








International Day of Parliamentarism – June 30

- ❖ It was established in 2018 through a United Nations General Assembly Resolution.
- ❖ This day also acknowledges the formation of the Inter-Parliamentary Union (IPU), the global organization of parliaments, that was established in 1889.
- ❖ The IPU has permanent observer status at the United Nations General Assembly
- ❖ And it is Headquartered in Geneva, Switzerland.
- ❖ In 2022, the Inter-Parliamentary Union (IPU) and its Member Parliaments will mark this day under the theme of ‘public engagement in the work of Parliament’.

MISCELLANEOUS

Lean Diabetes

- ❖ A new study has found that the diabetics who have a low BMI have a unique metabolic profile compared to other groups of diabetics.
- ❖ It could be a distinct entity warranting further investigation.
- ❖ Lean Diabetes may be a kind of “hybrid” of type 1 and type 2 diabetes.
- ❖ They may not make enough insulin or respond to it very well.
- ❖ Diabetes among individuals with low BMI has been recognized for over 60 years as an entity in low and middle-income countries.

	HFpEF	5.3%		HFpEF	11.8%
	Women	13.8%		Women	28.1%
	NYHA (III & abv)	30.4%		NYHA (III & abv)	30.3%
	Hypertension	53.5%		Hypertension	60.6%
	Diabetes	45.0%		Diabetes	45.6%
	QoL	73.8 ± 27.0		QoL	72.2 ± 26.2
	Primary events	11.5%		Primary events	15.8%
	OBESE-THIN	<i>high BMI, low WHtR</i>		Overall OBESE	<i>high BMI, high WHtR</i>
	HFpEF	2.9%		HFpEF	5.3%
	Women	19.5%		Women	35.4%
	NYHA (III & abv)	32.9%		NYHA (III & abv)	31.6%
	Hypertension	43.8%		Hypertension	55.1%
	Diabetes	31.1%		Diabetes	46.0%
	QoL	72.7 ± 25.5		QoL	70.4 ± 27.4
	Primary events	17.0%		Primary events	22.0%
	Overall LEAN	<i>low BMI, low WHtR</i>		LEAN-FAT	<i>low BMI, high WHtR</i>

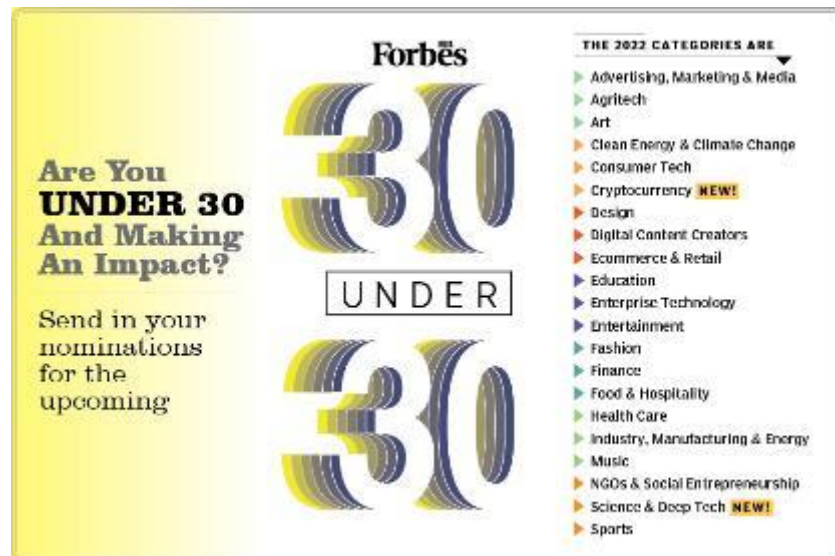
Source: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6759142/>

India's first wind-solar hybrid power facility

- ❖ Adani Hybrid Energy Jaisalmer One Limited has commissioned a 390 MW wind-solar hybrid power facility in Jaisalmer, Rajasthan.
- ❖ The plant will be India's first hybrid wind-solar power producing facility.
- ❖ The hybrid power plant, which combines solar and wind generating, unlocks the full potential of renewable energy by eliminating generation intermittency and providing a more stable option to meet rising power demand.

30 Under 30 Asia list

- ❖ Forbes magazine has released the 7th edition of the Forbes 30 Under 30 Asia List 2022.
- ❖ It featuring 10 categories each honouring 30 individuals under the age of 30.
- ❖ The honourees on the list represent 22 countries and territories across the Asia-Pacific region.
- ❖ India tops the list in terms of the number of entries with 61, followed by Singapore (34), Japan (33), Australia (32), Indonesia (30) and China (28).



THE Asia University Rankings 2022

- ❖ The Times Higher Education (THE) has released the 2022 edition of the Asia University Rankings.
- ❖ THE Asia University Rankings 2022 comprises 616 universities from 31 countries and territories.

- ❖ India is the third most-represented country, with 71 universities making it to the list.
- ❖ The Indian Institute of Science (IISc), Bangalore got 42nd rank.
- ❖ It is the only institute to make the top-50 list.
- ❖ The Mysore-based JSS Academy of Higher Education and Research is ranked 65th place.
- ❖ The Indian Institute of Technology (IIT) Ropar stood at 68 and IIT Indore at 87.

THE ASIA UNIVERSITY RANKINGS			
TOP 5 UNIVERSITIES IN INDIA		2022	2021
IISc		42	37
JSS Academy of Higher Education and Research		65	Not Ranked
IIT Ropar		68	55
IIT Indore		87	78
IIT Gandhinagar		120	137
TOP 5 UNIVERSITIES IN ASIA		2022	2021
Tsinghua University (China)		1	1
Peking University (China)		2	2
National University of Singapore		3	3
University of Hong Kong		4	4
Nanyang Technological University, Singapore		5	5

Source: Times Higher Education (THE) Asia University Rankings
"THE is a global education ranking agency based in UK"

moneycontrol

Abnormal' dinosaur egg

- ❖ Recently a unique set of fossilised dinosaur eggs, with one egg nesting within the other discovered.
- ❖ It was found in the Dinosaur Fossil National Park, Dhar District of Madhya Pradesh.
- ❖ Eggs-within-eggs are rare phenomena.
- ❖ They are so far known to occur only in birds and have never known in reptiles.
- ❖ Fossils of these animals have been found in Gujarat, Madhya Pradesh as well as Meghalaya.



Energy Progress Report 2022

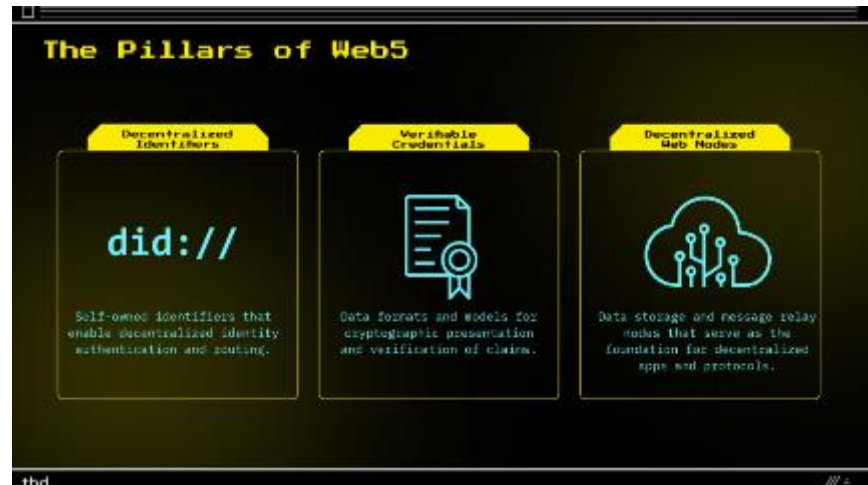
- ❖ The 2022 edition of 'Tracking SDG 7: The Energy Progress Report' released recently.
- ❖ It monitors global efforts to achieve the Sustainable Development Goal (SDG 7) of ensuring affordable modern energy supply for everyone by 2030.
- ❖ The study was produced by UN entities and partners, known as the SDG 7 custodian agencies.
- ❖ Globally, 733 million people lack access to electricity.
- ❖ 2.4 billion still cook using fuels that are harmful to their health and the environment
- ❖ Africans remain the least electrified in the world, with 568 million without access to electricity.



Paralitherizinosaurus japonicus

- ❖ A new study has revealed that the above-named species roamed around the shores of Asia between 66 million and 145 million years ago
- ❖ It is a bipedal dinosaur.
- ❖ It was identified from the fossilised remains unearthed on Hokkaido, the northern island of Japan.
- ❖ The fossil is the first to be found in Asia in marine sediments.
- ❖ The dinosaur belonged to a group known as Therizinosaurus – bipedal and primarily herbivorous three-toed dinosaurs.
- ❖ The most remarkable aspect of this species is that it had sword-like claws.

Web5 platform



- ❖ Former Twitter CEO Jack Dorsey has announced a new platform on Twitter called 'Web5'.
- ❖ It is a combination of Web3 and Web 2.0, built on the Bitcoin blockchain.
- ❖ The platform promises to fix the issue of securing personal data.
- ❖ Web5 is developed by The Block Head (TBH), one of the Bitcoin business units at Dorsey's Block (formerly Square).

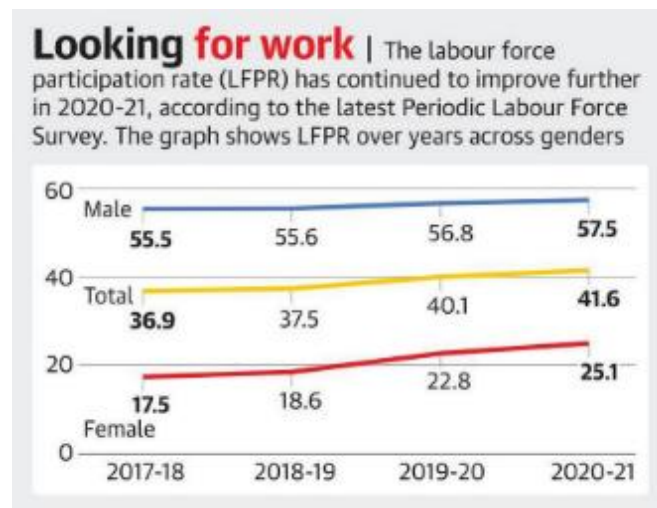
Microsoft's Internet Explorer

- ❖ Microsoft has announced the retirement of 27-year-old Internet Explorer.
- ❖ The firm's oldest browser will be completely phased out from June 15.
- ❖ Microsoft released the first version of Internet Explorer in 1995 as an add-on package for Windows 95.
- ❖ The primitive era of web surfing was dominated by the first widely popular browser, Netscape Navigator.
- ❖ Microsoft Edge replaced Internet Explorer as the company's preferred browser in 2016.

Periodic Labour Force Survey

- ❖ The Periodic Labour Force Survey for 2020-21 was released by the Ministry of Statistics and Programme Implementation.
- ❖ The unemployment rate saw a decrease of 0.6% and fell to 4.2% in 2020-21, compared with 4.8% in 2019-20.

- ❖ Rural areas recorded an unemployment rate of 3% and urban areas recorded an unemployment rate of 6.7%.
- ❖ The National Statistical Office (NSO) uses “rotational panel sampling design” in urban areas to assess the Labour Force Participation Rate (LFPR), Worker Population Ratio (WPR) and the unemployment rate
- ❖ And it visits selected households in urban areas four times.
- ❖ The LFPR, the percentage of persons in the labour force (that is, working or seeking work or available for work) in the population was 6% during 2020-21.
- ❖ It was 40.1% in the previous year.
- ❖ The WPR was 39.8%, an increase from 38.2% of the previous year.
- ❖ The migration rate is 28.9%.
- ❖ The migration rate among women was 48% and 47.8% in rural and urban areas.



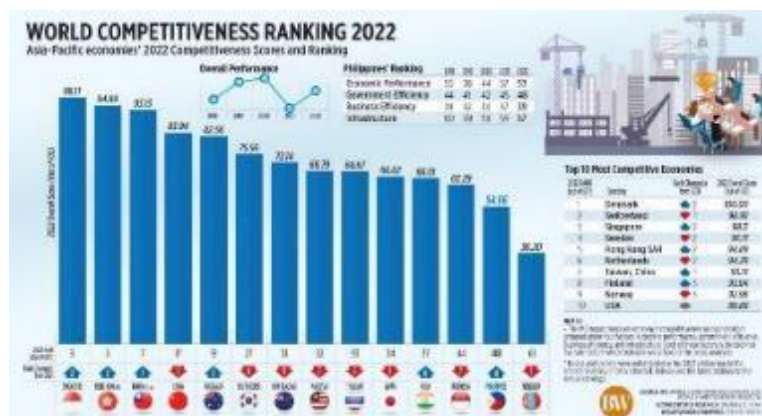
Global Startup Ecosystem rank

- ❖ Kerala has been ranked first in Asia in Affordable Talent in Global Startup Ecosystem Report (GSER).
- ❖ The State has also been ranked fourth in global ranking in the GSER.
- ❖ The report drawn up jointly by policy advisory and research organisation Startup Genome and Global Entrepreneurship Network.
- ❖ In the first GSER published in 2020, Kerala was ranked 5th in Asia and 20th in the world.
- ❖ Bengaluru was ranked 22nd while Delhi ranked at 26, with Mumbai at No. 36



World Competitiveness Index 2022

- ❖ The Institute for Management Development recently compiled and released the annual World Competitive Index.
- ❖ India's witnessed a six-position rise from 43rd to 37th rank.
- ❖ Denmark has been ranked at top position, among top 63-nation list.
- ❖ Switzerland dropped from the top position to second position.
- ❖ It is followed by Singapore at third position, which was ranked at fifth, position.
- ❖ The labour market in India has moved from 15th to 6th position.



Global Skills Report 2022

- ❖ Coursera's latest Global Skills Report (GSR) 2022 has released recently.
- ❖ India's overall skills proficiency has slipped four places to be ranked at the 68th position globally.
- ❖ In Asia, India stands at the 19th position.
- ❖ India's technology proficiency levels from 38% to 46%, with the country strengthening its position by six spots.

- ❖ Proficiency in data science has dipped from 38% in 2021 to 26% in 2022,
- ❖ Thus, it is leading to a 12-rank drop.
- ❖ West Bengal leads the Indian states in terms of skills proficiency.
- ❖ West Bengal is ranked one state across the three domains.

Report on Domestic Workers

- ❖ It was released by International Labour Organisation.
- ❖ Only 6% of domestic workers worldwide have access to comprehensive social protection.
- ❖ Women constitute 76.2% of the total domestic workforce.
- ❖ And they are particularly more vulnerable in the absence of adequate social benefits.
- ❖ 57.3% of domestic workers in Europe and Central Asia are legally covered for all benefits.
- ❖ Little more than 10% have such a right in the Americas.
- ❖ Almost none are fully covered in the Arab states, Asia and the Pacific and Africa.

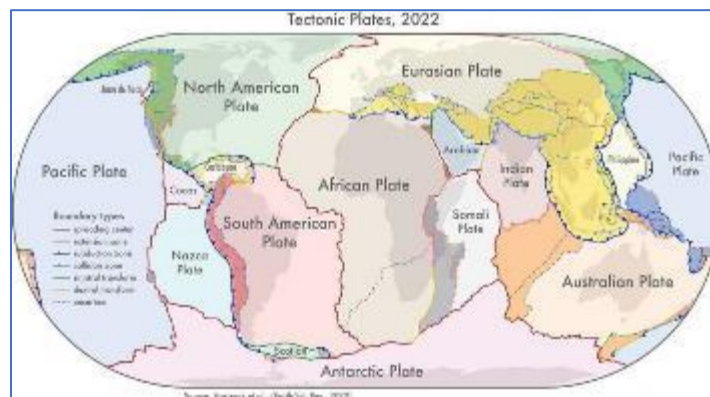
Black Death



- ❖ As per the recent study, the black death originated in modern day northern Kyrgyzstan around 1338-1339.
- ❖ The term Black Death refers to the bubonic plague that spread across Western Asia, Northern Africa, Middle East and Europe in 1346-53.
- ❖ Black Death was caused by bacterium *Yersinia pestis*.
- ❖ It was spread by fleas that were carried by rodent hosts.

New map of Earth's tectonic plates

- ❖ Recently, the researchers from Australia carried out a new study that includes an updated map of the earth's tectonic plates.
- ❖ Vaalbara fragmented to form other supercontinents over the years.
- ❖ Among that, the last was Pangea that was existed 335-65 million years ago.
- ❖ Vaalbara is the name of Earth's first supercontinent, in the Archaean era.
- ❖ There are 26 orogenies.
- ❖ Many of these are related to the formation of supercontinents.
- ❖ Orogeny is a mountain-building event that occurs in geosyncline areas.



World's Best Airport 2022

- ❖ Qatar's Hamad International Airport has been named the World's Best Airport for the second year running.
- ❖ The announcement took place at the Skytrax 2022 World Airport Awards, held at Passenger Terminal EXPO in Paris, France.
- ❖ Kempegowda International Airport, Bengaluru was named the finest regional airport in India and South Asia.

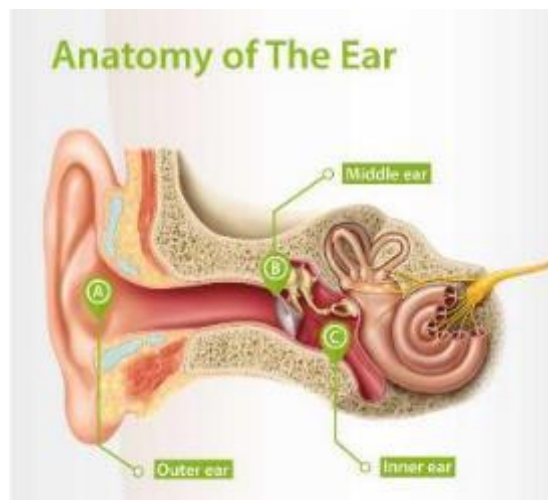
World's Largest Freshwater Fish

- ❖ A 300 kg stingray was caught in the Mekong River in Cambodia.
- ❖ It is the biggest freshwater fish ever documented,
- ❖ It squashes previous record-holder, a 293kg Mekong giant catfish caught in Thailand in 2005.
- ❖ The Mekong has the third-most diverse fish population in the world.



Human Middle Ear

- ❖ As per the recent studies, middle ear of human has evolved from fish gills.
- ❖ Middle ear of human houses three tiny, vibrating bones.
- ❖ It helps in transporting sound vibrations into inner ear.
- ❖ Fossil and embryonic evidence proves that, human middle ear evolved from spiracle of fishes.
- ❖ However, origin of vertebrate spiracle is an unsolved mystery in vertebrate evolution.



Rare early mosque

- ❖ Israeli archaeologists unveiled a rare ancient mosque in the country's south.
- ❖ The remains of the mosque are believed to be more than 1,200 years old.
- ❖ The mosque located in the Negev desert contains “a square room and a wall facing the direction of Mecca”.
- ❖ It is also with a half-circle niche in that wall pointing to the south.



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