

CURRENT AFFAIRS



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2022**



HAPPY ACADEMY



PREFACE

This is our special edition of Current Affairs Magazine for various Central & State level Competitive Examinations, covering content from the month of September 2022.

The Magazine is divided into three sections:

Section 1: Topic Wise Current Affairs in Short

The first section is dedicated to Topic Wise Current Affairs with a short description to provide information about all major happenings this month.

Section 2: Practice Questions with Answers

The Second Section contains 150 Multiple Choice Questions based on daily current affairs.

Section 3: Detailed Analysis of important

The Third Section covers some major happenings in this month along with analysis. The content has been covered from various online & offline sources including reputed newspapers like The Hindu, Indian Express etc. All the news topics have been explained keeping in mind their underlying issues. Every issue has been covered comprehensively. Some of the information provided may not be directly relevant for the examination. As the content is very wide, we have only covered a limited set of issues. You can utilize it smartly along with Daily Study of News Papers as well as other sources.



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Section 1

Topic Wise Current Affairs

Section 2

Question with Answers

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SECTION 1

Topic Wise Current Affairs in Short



1: Important Days



National Nutrition Week : 01 to 07 September :-

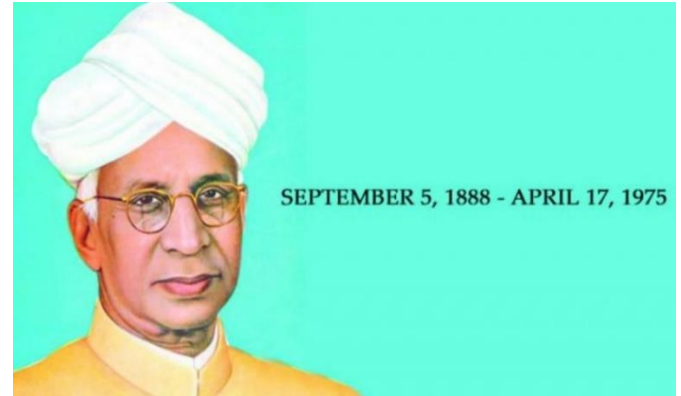
Every year from September 1 to September 7, India observes National Nutrition Week to raise public awareness about nutrition and healthy eating habits. The week is observed to educate people on the importance of nutritional and adaptive eating habits in order to live a healthy lifestyle. In India, National Nutrition Week dates back to 1982, when the government launched a campaign to educate people about the importance of nutrition and to encourage them to live a healthy and sustainable lifestyle.



International Day of Charity : 05 September :-

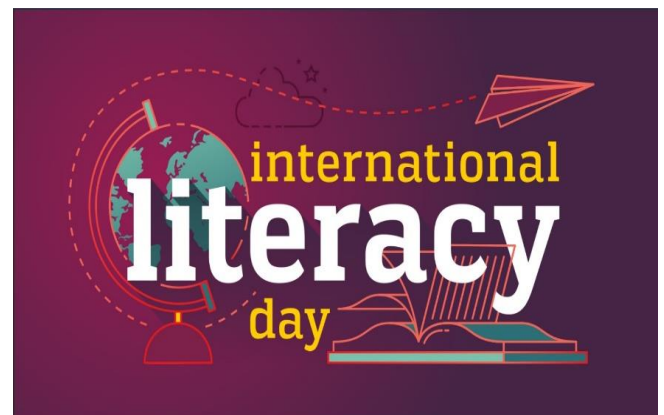
The International Day of Charity is observed with the goal of increasing and improving social responsibility around the world. It is done in order to unite everyone in support of charitable causes. The day was established by the United Nations as a great opportunity to participate in charity events and contribute to the welfare of the society's most vulnerable members. Every year, it is held

in memory of Mother Teresa, the renowned Nobel Peace Prize winner and champion of the distressed and needy.



Teachers' Day : 05 September :-

Teachers' Day is observed annually in India on September 5 to commemorate the birth of the country's former President, scholar, philosopher, and Bharat Ratna awardee, Dr Sarvepalli Radhakrishnan. When Dr. Radhakrishnan became India's second President in 1962, his students approached him to request permission to observe September 5 as a special day. Dr. Radhakrishnan instead requested that September 5 be designated as Teachers' Day in order to recognise teachers' contributions to society. The theme for this year's teachers' day is 'Leading in crisis, reimagining the future.'



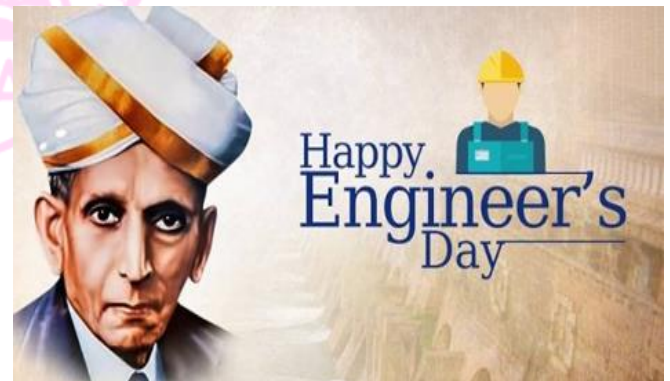
International Literacy Day : 08 September :-

Since 1967, September 8 has been designated as International Literacy Day to raise awareness about the importance of literacy for individuals, communities, and societies, as well as the need for increased efforts toward more literate societies. It is necessary to raise awareness in the world about literacy issues that people face, as well as to support campaigns that promote literacy for all people. UNESCO declared 'Transforming Literacy Learning Spaces' as this year's theme for the International Literacy Day 2022.



Hindi Diwas : 14 September :-

Hindi is one of the world's most widely spoken languages. Every year on September 14, India celebrates Hindi Diwas. Over 420 million people worldwide speak Hindi as their first language, with another 120 million speaking it as a second. Hindi derives its name from the Persian word 'Hind,' which means "land of the Indus River." The Constituent Assembly of India accepted Hindi, written in Devnagari script, as one of India's official languages on September 14, 1949. On September 14, 1953, the first Hindi Diwas was held.



Engineer's Day (India) : 15 September :-

On September 15, India commemorates Bharat Ratna Mokshagundam Visvesvaraya's birthday as Engineers' Day. Sir M Visvesvaraya made significant contributions to engineering and education. He is regarded as one of the greatest nation-builders, having played a critical role in the construction of modern India's dams, reservoirs, and hydro-power projects. As chief engineer, Sir M Visvesvaraya oversaw the construction of several architectural marvels, including the Krishna Raja Sagar



World Suicide Prevention Day (WSPD) : 10 September :-

Every year on September 10th, World Suicide Prevention Day is observed to raise awareness about taking action globally to prevent suicides. On this day, a variety of events and activities are planned to help people understand that suicide is a major preventable cause of death. Suicide accounts for one out of every 100 deaths worldwide. The day is an opportunity to raise awareness about suicide and promote actionable solutions. The theme for the World Suicide Prevention Day is a triennial that is applicable from 2021 to 2023 which is "Creating hope through action".

dam in Karnataka and the Hyderabad flood protection system.



International Day of Democracy : 15 September :-

Every year on September 15, the International Day of Democracy, also known as World Democracy Day, is observed. One of the primary goals of International Day of Democracy is to encourage governments to strengthen and consolidate democratic institutions. Democracy is required for the effective protection and realisation of human rights. The theme for International Day of Democracy 2022 is "importance of media freedom to democracy, peace, and delivering on the Sustainable Development Goals".



World Ozone Day : 16 September :-

Every year on September 16, World Ozone Day is observed. It is observed to raise public awareness about the ozone layer's depletion and to look for potential solutions to preserve it. Without sunlight, there would be no life on Earth. However, without the ozone layer, the energy emitted by the sun would be too much for life on Earth to thrive. This stratospheric layer protects Earth from the majority of the sun's damaging ultraviolet radiation. The theme for the World Ozone Day 2022 is 'Global Cooperation Protecting Life on Earth.'



World Patient Safety Day : 17 September :-

On September 17, the world observes World Patient Safety Day to raise global awareness about patient safety and to encourage individuals to demonstrate their commitment to making healthcare safer. WHO and its international partners commemorate the day. Every year, World Patient Safety Day is observed under a specific theme. This year, the theme of World Patient Safety Day 2022 is 'Medication Safety' along with the slogan 'Medication Without Harm' with a call to action to 'Know, Check & Ask'.



World Bamboo Day : 18 September :-

Every year on September 18, World Bamboo Day is observed with the goal of raising awareness to conserve and promote the bamboo industry. The World Bamboo Organization (WBO) observed it. The days also aim to bring the potential of bamboo to protect natural resources and the environment, as well as to ensure sustainable bamboo utilisation. Bamboos are primarily used for a variety of purposes in East and Southeast Asia. It encourages new bamboo cultivation for new industries in regions around the world for community economic development.



International Day of Peace : 21 September :-

Around the world, September 21 is observed as International Day of Peace. According to the United Nations, this day is dedicated to strengthening the ideals of peace by observing 24 hours of nonviolence and cease-fire. Some countries around the world continue to share borders that have a violent and bloody history, while others maintain peace despite political tensions. On this day, the goal is to observe a 24-hour ceasefire in

all areas where fighting is taking place across all nations. This year's theme is "End racism, Build peace."



World Alzheimer's Day : 21 September :-

Every year on September 21st, World Alzheimer's Day is observed to raise awareness about Alzheimer's and Dementia. This day is observed to raise awareness, and due to the severity of the disease, it is observed throughout the month in some countries. The most common type of dementia is Alzheimer's disease. It is a progressive brain disease that causes memory and thinking skills to deteriorate. It causes memory loss, memory changes, erratic behaviour, and loss of body functions by destroying brain cells.



World Rhino Day : 22 September :-

Every year on September 22nd, World Rhino Day is observed to honour all five species of rhinoceroses. The day's goal is to raise awareness about African and Asian rhino species and encourage people to take action to protect them. Both African rhinoceroses and Sumatran

rhinoceroses have two horns, whereas Indian and Javan rhinoceroses have a single horn. World Rhino Day was established in 2010 by the World Wildlife Fund-South Africa. In 2011, the day gained international recognition.



International Day of Sign Languages : 23 September :-

The International Day of Sign Languages was declared by the United Nations General Assembly on September 23. The day is observed to raise awareness about the importance of sign language all over the world. It was established in 2018. The date was chosen because it is the same day the World Federation of the Deaf was founded in 1951. The day is critical in preserving the rights of the deaf community. This year's International Day of Sign Languages theme is "Sign Language Unite Us."



Antyodaya Diwas : 25 September :-

Every year on September 25, Antyodaya Diwas is observed. This day was given national significance when Prime Minister Narendra Modi dedicated it in 2014 to late Pandit Deendayal Upadhyaya to commemorate his

birth anniversary. Pandit Deen Dayal Upadhyaya was born in Mathura in 1916 and served the BharatiyaJana Sangh from 1953 to 1968. Under mysterious circumstances, the leader died in February 1968 near Mughalsarai Junction railway station. In 2018, the UP government renamed the railway station "Deen Dayal Upadhyaya Junction."



World Tourism Day : 27 September :-

Every year on September 27, the world celebrates World Tourism Day. On this day in 1970, the United Nations World Tourism Organization's Statutes were adopted, which are regarded as a watershed moment in global tourism. This paved the way for the establishment of the UN World Tourism Organization five years later. On September 27, 1980, the United Nations World Tourism Organization (UNWTO) observed the first World Tourism Day as an international observance. The theme of World Tourism Day 2022 is 'Rethinking Tourism'.



WORLD
RABIES DAY

World Rabies Day : 28 September :-

Every year on September 28, World Rabies Day is observed to raise awareness about rabies prevention and to highlight progress in combating this heinous disease. It is also the anniversary of the death of Louis Pasteur, the French chemist and microbiologist who developed the first rabies vaccine. Rabies is a viral infection that spreads from animals to humans and other animals. According to the World Health Organisation, the theme of World Rabies Day 2022 is 'Rabies: One Health, Zero Deaths.'

World Heart Day : 29 September:-

World Heart Day is significant because cardiovascular disease (CVD) is the world's leading cause of death, accounting for 18.6 million deaths each year. World Heart Day is observed and celebrated annually on September 29 to raise public awareness of CVD, their

prevention, and global impact. It aims to motivate people to take action by educating them on how risk factors such as tobacco use, poor diet, and physical inactivity can prevent at least 80% of premature deaths from heart disease and stroke. The theme for World Heart Day for 2022 is "Use Heart for Every Heart."



2: Agreements



Hero Electric Partners With Jio-bp For Charging & Battery Swapping :-

Hero Electric is set to collaborate with Jio-bp to strengthen mobility solutions for electric two-wheelers, which is expected to increase EV adoption and mobility in India. Customers of Hero Electric are expected to gain access to Jio-extensive bp's charging and swapping network, which is also open to other vehicles, under this

proposed partnership. Jio-bp operates its EV charging and swapping stations under the Jio-bp pulse brand. Customers can use the Jio-bp pulse app to find nearby charging stations and charge their electric vehicles.



AAI And Sweden Inks An MoU For Sustainable Aviation Tech :-

The Airports Authority of India (AAI) and Sweden's LFV Air Navigation Services have agreed to collaborate in

aviation technology. This agreement will bring together two air navigation service providers, India and Sweden, who have demonstrated expertise in developing and deploying the next generation of sustainable aviation technology, to investigate smart aviation solutions. This MoU will pave the way for the two countries to exchange aviation expertise and technology.



AFI And HSBC India Collaborate To Support Future Female Athletes :-

The Athletics Federation of India (AFI) announced a partnership with HSBC India to support women athletes in India, particularly young athletes. Under the terms of the agreement, promising girls will be selected from the National Inter District Championships for the Under-14 and Under-16 age groups and trained to compete on the global stage. "Special coaching camps would be set up for the selected athletes and all their needs would be taken care of," AFI President Adille Sumariwalla said at the launch of the partnership.



Andhra Pradesh Signs MoU With Parley For The Oceans :-

The state government signed an agreement with the United States-based "Parley for the Oceans" to manage plastic waste in Andhra Pradesh. During the programme, CM Y. S. Jagan Mohan Reddy stated that as part of the MoU, an investment of around 16,000 crore is expected for Andhra Pradesh over the next six years. This apart, about 20,000 employment will be generated for the locals with a minimum of at least ₹16,000 salary per month. This will be a watershed moment for Andhra Pradesh, changing the landscape of the state in a variety of ways, according to CM Reddy.



IndusInd Bank And ADB Collaborate To Improve Financing For Supplier Chains :-

IndusInd Bank, a private sector bank, announced a partnership with the Asian Development Bank (ADB) to create a partial guarantee programme to support supply chain finance (SCF) solutions in India. According to a statement issued by IndusInd Bank, the initial investment will be Rs. 560 crore. It had signed a partial guarantee agreement with the Asian Development Bank (ADB) with the sole intention of promoting SCF solutions in India. Asian Development Bank will support a number of IndusInd activities in order to expand its MSME portfolio.



Airtel Partnered With Odisha To Offer Bill Payment Solution :-

Bharti Airtel has launched a pilot project in collaboration with Tata Power Northern Odisha Distribution to provide bill payment solutions to the utility's more than two million registered customers. The initiative will mobilise the 4,000 Airtel Payment Banks (APB) banking points in north Odisha to facilitate bill payments. Customers of the Tata Power-Odisha government joint venture need only visit the store and provide their contact and consumer numbers at the banking point.



Axis Bank-PayNearby Collaborate For Their Priority Sector Lending Goals :-

Axis Bank's senior executive said that the partnership with branchless banking network PayNearby would help the private lender achieve its priority sector lending goals. According to a press release, the collaboration will be used to open current and savings accounts for both retail and individual customers in remote areas. "We are looking at the penetration in these markets, then the

loan growth rates that we are getting and then the cost at which we are acquiring," said Munish Sharda, group executive and Head of Bharat Banking.



SBI-WAARE Collaborate To Fund Projects For Customers And Channel Partners :-

WAAREE, India's largest solar panel manufacturer, has signed an agreement with SBI to provide unsecured financing for solar projects through the Surya Shakti Solar Finance Scheme and working capital to Channel Partners through the EDFS (Electronic dealer finance scheme). WAAREE intends to leverage over 500 Cr of a credit line through the Surya Shakti Solar Finance Scheme and provide a digital platform for loan applicants to finance solar projects in a hassle-free manner. WAAREE has also been named "India's Best Brand" in the renewable energy sector.



MeitY Startup Hub And Meta Collaborated To Speed Up XR Technology Startups In India :-

MeitY Startup Hub (MSH) has launched a programme to support and accelerate XR technology startups across India in collaboration with Meta. This collaboration is part of the government's effort to educate the public about new and emerging technologies. India is uniquely positioned to play a pivotal role in the metaverse, with a large talent pool of creators and developers, as well as a thriving technology ecosystem. To meet the increased demand for digital products, the entire world looks to it for supply technology, innovation, and talent.



IBM And IIT Madras Collaborate To Promote Quantum Computing In India :-

The Indian Institute of Technology, Madras (IIT-Madras) has become the first Indian institute to join the IBM Quantum Network. IBM's most advanced quantum computing systems will now be available to IIT Madras via the cloud. The Centre for Quantum Information, Communication, and Computing (CQuICC) at IIT Madras was established to advance core algorithms in research areas such as Quantum Machine Learning, Quantum Optimization, and finance applications research.



Koo Tie-Up With IPPB To Drive Financial Inclusion In Remote Cities :-

Koo, an Indian microblogging platform, announced a partnership with India Post Payments Bank (IPPB), a division of India Post that falls under the Ministry of Communications. The memorandum of understanding (MoU) aims to bring together the synergies of Koo and IPPB in order to drive 'financial inclusion' and 'literacy' among users in tier 2, tier 3, and remote cities and hinterlands, according to Koo. The MoU, according to the company, will aid in reaching out to a "large" customer base and communicating through Koo's language communities across the country via Multi-Lingual Koo (MLK) features.



Indian Navy Signed An MoU With Amity University For Academic Cooperation :-

Amity University Uttar Pradesh signed a Memorandum of Understanding (MOU) with The Indian Navy to establish a long-term symbiotic relationship for Academic Cooperation. This is a welfare measure for Naval Defence Forces to improve their educational qualifications, thereby improving their prospects for 'in service' appropriate nautical assignments and better superannuation placements with the Indian Navy. The MoU will be extremely beneficial to Navy personnel in terms of personal and professional development.



Google Cloud & Nasscom Tie-Up To Skill Students For Entry-Level Cloud Jobs :-

Google Cloud announced the first cohort of its computing foundations with Kubernetes course, which was developed in collaboration with FutureSkills Prime, an IT Ministry and Nasscom digital skilling initiative. The goal of the beginner-level course is to give participants hands-on experience with cloud computing, cloud basics, big data, and machine learning (ML). The course will provide hands-on training (via the Google Cloud Skills Boost platform) for a variety of career paths such as IT infrastructure, data analytics, and Cloud native application development.



India, Egypt Sign MoU To Bolster Defence Cooperation In Mutual Interest Sectors :-

India and Egypt have agreed to identify proposals for expanding cooperation between their respective defence industries in a timely manner. In Cairo, Defence Minister Rajnath Singh met with his Egyptian counterpart, General Mohamed Zaki. Both sides discussed ways to strengthen defence ties and came to an agreement to improve the conduct of joint exercises and the exchange of personnel for training, particularly in the field of counter-insurgency. Mr Singh stated in a tweet that the signing of the MoU gives new impetus and synergy to India-Egypt relations.



Hero MotoCorp Tie-Up With HPCL To Set Up EV Charging Infrastructure :-

Hero MotoCorp has announced a collaboration with Hindustan Petroleum Corporation Ltd (HPCL) to establish charging infrastructure for electric two-wheelers in India. The two companies will first establish charging infrastructure at Hindustan Petroleum Corporation's existing network of stations as part of the initiative, with the possibility of later broadening the collaboration for additional business opportunities. A Hero MotoCorp Mobile-App, based on a cashless transaction model, will control the entire user charging experience.



NCC And UNEP Sign An Agreement In Presence Of Defence Minister :-

The United Nations Environment Programme (UNEP) and the National Cadet Corps (NCC) signed a Memorandum of Understanding (MoU) to combat plastic pollution and achieve the universal goal of clean water bodies through the 'Puneet Sagar Abhiyan' and 'Tide Turners Plastic Challenge programme.' The agreement was signed by DG NCC Lt. Gen. Gurbirpal Singh and Bishow Parajuli, UN World Food Programme Resident Representative. The agreement was signed in New Delhi in the presence of Defence Minister Rajnath Singh.

3: Appointments



IDFC Named Mahendra Shah As MD & CEO Effective From October 1 :-

IDFC, a private lender, has announced the appointment of Mahendra Shah as managing director and chief executive officer, effective October 1, 2022, and ending September 30, 2023, subject to shareholder approval. Shah will succeed incumbent MD and CEO Sunil Kakar, whose term will expire on September 30, 2022, according to an exchange filing. Shah has been the group head of IDFC Ltd for over a decade and was the group company secretary and group compliance officer of IDFC FIRST Bank Ltd.



Adille Sumariwalla Takes Over As Interm President Of Indian Olympic Association :-

The Indian Olympic Association (IOA) appointed Adille Sumariwalla, president of the Athletics Federation of India (AFI), as interim president, but the decision was questioned by office-bearers. Sumariwalla, who represented India in the 100m at the Moscow Olympics, stated in a letter to International Olympic Committee (IOC) president Thomas Bach that the appointment was made "in accordance with the IOA constitution." The elections were scheduled for December 2021, but they were cancelled due to constitutional amendments.



Santosh Iyer Named As MD And CEO Of Mercedes-Benz India :-

Mercedes-Benz the German carmaker has appointed Santosh Iyer as Managing Director and CEO of its Indian operations, effective January 1, 2023. Iyer, 46, is the current Vice President of Sales and Marketing and would be the first Indian to lead Mercedes-Benz India operations. Iyer has been with Mercedes-Benz India since 2009, serving in various leadership roles in sales, marketing, customer service, communications, and customer relationship management (CRM).



IFS Nagesh Singh Named As India's Ambassador To Thailand :-

Nagesh Singh, the current Joint Secretary in the Ministry of External Affairs, has been named India's next ambassador to Thailand, according to the Ministry of External Affairs (MEA). Singh will take over for Ambassador Suchitra Durai and is expected to start soon.

“Nagesh Singh (IFS: 1995), presently Joint Secretary in Ministry of External Affairs, has been appointed as the next Ambassador of India to the Kingdom of Thailand,” the MEA said in a statement.



Vasudha Gupta Named As DG Of News Services Division Of AIR :-

Vasudha Gupta, a senior Indian Information Service officer, was appointed director general of All India Radio's (AIR) News Services division. Gupta, an IIS officer from the 1989 batch, has worked in the Ministry of Information and Broadcasting in a variety of capacities over the course of her 32-year career. She was also the Director General of the Press Information Bureau (PIB). During her stint in the PIB, Gupta played a key role in implementing the government's communication strategies during the COVID-19 pandemic.



Rajesh Kumar Srivastava Named Interim New Chairman Of ONGC :-

As the government has yet to make a full-time appointment, India's largest oil and gas producer, ONGC, has appointed a record third interim chairman, Rajesh Kumar Srivastava. After current acting head Alka Mittal retired, Srivastava, the senior-most director on the ONGC board, was given the additional charge of chairman and managing director. According to an oil ministry order, Srivastava, ONGC's Director (Exploration), has been entrusted with the additional charge of chairman and managing director "for a period of four months beginning September 1, 2022."



Former Goalkeeper Kalyan Chaubey Elected As New AIFF Chief :-

Former Mohun Bagan and East Bengal goalkeeper Kalyan Chaubey has been elected as the new President of the All India Football Federation, defeating former India captain Bhaichung Bhutia 33-1 in polls decided by a 34-member voters' list comprised of state association representatives. The election results follow a dark period in Indian football, with the country facing a temporary ban from FIFA due to a classic case of third-party interference after the Supreme Court appointed a Committee of Administrators to run the day-to-day operations at AIFF.



Yamuna Kumar Chaubey Named As CMD Of NHPC :-

The state-owned hydropower corporation NHPC announced that its Director (Technical) Yamuna Kumar Chaubey has been appointed Chairman and Managing Director for a three-month period beginning September 1. Abhay Kumar Singh stepped down as Chairman and Managing Director (CMD) of the company on August 31, 2022, after reaching the age of superannuation, according to a BSE filing. Chaubey, 59, is a civil engineering graduate of IIT Kharagpur. In 1985, he joined NHPC Limited as a Probationary Executive (Civil) at the Chamara-I Power Station in Himachal Pradesh.



Secretary General Lok Sabha Utpal Kumar Singh Gets Charge Of Sansad TV :-

The Rajya Sabha Chairman and Lok Sabha Speaker agreed that Utpal Kumar Singh, who is currently the Secretary General of the Lok Sabha, will also serve as the Chief Executive Officer (CEO) of Sansad TV, which was launched in September 2021 after the merger of the Lok Sabha TV and Rajya Sabha TV channels. The 24-hour

channel's content demonstrates the democratic ethos and functioning of the country's democratic institutions to national and international audiences.



Captain B K Tyagi Named As New CMD Of Shipping Corporation Of India :-

The Appointments Committee of the Cabinet (ACC) has approved Captain Binesh Kumar Tyagi's appointment as the new chairman and managing director of Shipping Corporation of India Ltd. (SCI). According to an office order issued by the Department of Personnel and Training, the appointment is for five years from the date of assumption of charge of the post, or until the date of his superannuation, or until further orders, whichever is the earliest. Captain Tyagi is currently the director in charge of SCI's liner and passenger services division.



SC Judge DY Chandrachud Named As New Chairman Of NALSA :-

President Droupadi Murmu has appointed Justice D.Y. Chandrachud as executive chairman of the National Legal

Services Authority (NALSA), according to a notification from the Law Ministry. The NALSA was established under the Legal Services Authorities Act of 1987 to provide free legal services to the less fortunate members of society. Before being appointed to the Supreme Court, Justice Chandrachud was Chief Justice of the Allahabad High Court and a judge of the Bombay High Court.



Tamilnad Mercantile Bank Named Krishnan Sankarasubramaniam As New MD & CEO :-

The Board of Directors of Tamilnad Mercantile Bank Ltd. has appointed veteran banker Krishnan Sankarasubramaniam as Managing Director and CEO, according to a press release from the bank. The Reserve Bank of India (RBI) has approved Krishnan's appointment as Managing Director & CEO for a three-year term beginning September 4, 2022, in accordance with its letter of approval dated August 18, 2022. Krishnan previously served as the MD and CEO of Punjab and Sind Bank from September 4, 2020 to May 31, 2022.



Sanjay Verma Appointed As Next High Commissioner Of India To Canada :-

Sanjay Kumar Verma, a seasoned diplomat, has been named India's next High Commissioner to Canada, while Amit Kumar, currently Consulate General of India in Chicago, has been named India's next ambassador to the Republic of Korea. Verma, a 1988-batch IFS officer who is currently India's Ambassador to Japan, is expected to start soon, according to a statement from the Ministry of External Affairs. Verma has also served in Indian missions in Hong Kong, China, Vietnam, and Turkey.



IndiGo Appoints Pieter Elbers As The New CEO :-

Peiter Elbers, a veteran of the aviation industry, has been named CEO of IndiGo. Elbers, the former CEO of KLM Royal Dutch Airlines, was named IndiGo's next CEO on May 18, 2022. He has been CEO of KLM since 2014. The 52-year-old is also a member of the Air France-KLM Group's executive committee. Elbers began his career with KLM in 1992 and has held several managerial positions in the company in both the Netherlands and abroad in Japan, Greece, and Italy over the past three decades.



Dinesh Kumar Batra Takes Charge As CMD, Bharat Electronics Limited :-

Dinesh Kumar Batra, Director (Finance) & Chief Financial Officer, has been appointed Chairman & Managing Director (CMD) of Navratna Defence PSU Bharat Electronics Limited (BEL). Dinesh Kumar Batra, as Director (Finance) & CFO, led BEL to its highest-ever turnover of Rs. 15,044 Cr and PAT of Rs. 2,349 Cr in FY 2021-22. He was instrumental in increasing BEL's authorised capital from Rs. 250 crore to Rs. 750 crore and issuing two bonus shares for every share held by the company's shareholders.



Nayara Energy Appoints Prasad K Panicker As Chairman :-

Prasad K Panicker, Director and Head of Refinery at Nayara Energy, has announced that he will take over as Chairman of the company on October 3. According to a statement, Panicker will succeed Charles Anthony (Tony) Fountain, who has been with the company for five years. Panicker will use his technological experience and knowledge of the local Indian market in his new role to guide Nayara Energy through a new set of strategic priorities, with a strong emphasis on development projects.



American Express Banking Corp India Named Sanjay Khanna As New CEO :-

Sanjay Khanna has been named Chief Executive Officer (CEO) and Country Manager of AEBC Corp India by American Express Banking Corp (AEBC). Khanna leads the country executive team and is in charge of driving growth in the company's consumer and commercial businesses. Khanna will also be in charge of several strategic and business development initiatives for the company, as well as ensuring smooth collaboration across its diverse businesses in India.

Management, Human Resource Management, Marketing Management, and Financial Management. He has a distinguished career and extensive experience in multiple disciplines of the power sector spanning three decades.



Reserve Bank Of India Named Pralay Mondal As CEO Of CSB Bank :-

Following the RBI's approval, CSB Bank recently announced Pralay Mondal has been appointed as the bank's regular Managing Director and CEO for three years. Mondal previously served as the bank's interim MD and CEO. He was appointed as the regular MD and CEO on September 15, 2022, following approval from the Reserve Bank of India, the bank said in a statement. His appointment, which was approved by the bank's board, is for three years, beginning September 15, 2022.



Prasanna Kumar Motupalli Selected As CMD Of NLC India Limited :-

Shri Prasanna Kumar Motupalli, currently Executive Director of NTPC Limited, has been recommended by the Public Enterprises Selection Board (PESB) for the position of Chairman and Managing Director of NLC India Limited. He holds a gold medal in Mechanical Engineering and a Master of Business Administration in Operations



Vinod Aggarwal Elected As New President Of SIAM :-

Vinod Aggarwal, MD & CEO, Volvo Eicher Commercial Vehicles Ltd (VECV), has been elected as the new president of the Society of Indian Automobile Manufacturers (SIAM) for the fiscal year 2022-23. Aggarwal succeeds Kenichi Ayukawa, executive vice chairman and sole director of Maruti Suzuki India Ltd. "The Indian automotive industry is currently at a very exciting juncture. I am humbled by the opportunity to contribute to the new era of Amrit Kaal, working closely together with the SIAM members," Aggarwal said.



PM CARES Fund: Govt Appoints Industrialist Ratan Tata As Trustee :-

Ratan Tata, an industrialist, has been appointed as one of the trustees of the PM CARES Fund by the government. In addition to Tata, the government has appointed former Supreme Court Judge K.T. Thomas and former Lok Sabha Deputy Speaker Karia Munda as trustees of the PM CARES Fund. The Trust also decided

to name Rajiv Mehrishi, former Comptroller and Auditor General of India, Sudha Murthy, former chairperson of the Infosys Foundation, and Anand Shah, co-founder of Teach for India and former CEO of Indicorps and Piramal to the PM CARES Fund Advisory Board.



Govt Named Bharat Lal As New DG Of National Centre For Good Governance :-

Bharat Lal, a senior bureaucrat and retired Gujarat cadre IFOs officer, has been named Director General of the National Centre for Good Governance (NCGG) by the Union government. The Cabinet Appointments Committee, chaired by Prime Minister Narendra Modi, approved the appointment on a contract basis, initially for one year. Bharat Lal, a 1988-batch Indian Forest officer of Gujarat cadre, served as the Gujarat government's resident commissioner in Delhi and was known to be close to Prime Minister Narendra Modi, the state's then-chief minister.

4: Awards



67th Filmfare Awards 2022 :-

The 67th Filmfare Awards, held at Mumbai's Jio World Convention Centre, brought together the entire Indian film industry under the same roof. At the 67th Filmfare Awards in Mumbai, Ranveer Singh won Best Actor in a Lead Role (Male) for his film '83, while Kriti Sanon won Best Actor in a Lead Role (Female) for Mimi. Ranveer and Deepika shared the stage as he accepted the award. Vicky Kaushal, Asees Kaur, B Praak, Vidya Balan, Vishnuvardhan, and Pankaj Tripathi also won awards.



KK Shailaja Has Declined To Accept The 2022 Magsaysay Award :-

Former Kerala Health Minister KK Shailaja has declined to accept the Magsaysay Award in 2022 for her handling of the state's Nipah and Covid-19 outbreaks. Shailaja stated that she declined the award because she did not want to accept it in her individual capacity. She made the decision after consulting with the national leadership of the party. "It was not right that I receive it [Magsaysay Award] as an individual because I was considered for something which was actually part of a collective effort," Shailaja told reporters.



Naveen Patnaik Conferred Capital Foundation Lifetime Achievement Award :-

The Capital Foundation in Delhi bestowed the Lifetime Achievement award on Odisha Chief Minister Naveen Patnaik in recognition of his distinctive and outstanding leadership. Former Chief Justice of India NV Ramana presented the award. "Under the leadership of Patnaik, Odisha's transformative journey began and the State

witnessed rapid strides in every sector over the next two decades. His simplicity, kindheartedness and impeccable integrity have won the hearts of the people of Odisha," according to the citation from Capital Foundation Society.



Hardeep S. Puri Presents Smart Solutions Challenge & Inclusive Cities Awards 2022 :-

Shri Hardeep Singh Puri, Minister of Housing and Urban Affairs as well as Petroleum and Natural Gas, presented the Smart Solutions Challenge and Inclusive Cities Awards 2022 in New Delhi. These awards are the result of a collaboration between the National Institute of Urban Affairs (NIUA) and the United Nations (UN) in India to address city-level accessibility and inclusion challenges faced by people with disabilities (PwD), women and girls, and the elderly. The Award, which debuted in April, was created with the goal of promoting people-centric design and encouraging novel home-grown technological innovations.



Former US President Barack Obama Wins Emmy Award -

Former US President Barack Obama won a Creative Arts Emmy Award for best narrator for his work on Netflix's documentary series Our Great National Parks . Higher Ground, Barack and Michelle Obama's production company, is behind the five-part series, which features national parks from around the world. Barack previously received Grammy nominations for his audiobook readings of his memoirs, The Audacity of Hope and A Promised Land. Meanwhile, Michelle Obama won her own Grammy in 2020 for reading her audiobook.



Lok Nayak Foundation Sahitya Puraskar Awarded To Tanikella Bharani :-

Tanikella Bharani, a Telugu writer and actor, received the Loknayakan Foundation's annual Sahitya Puraskar (18th Loknayakan Foundation Award) at an award ceremony held at Kalabharathi Auditorium in Visakhapatnam, Andhra Pradesh. In general, the award is given on January 18 every year to commemorate the deaths of NTR and Harivansh Rai Bachchan. The award is known as the Andhra Jnanpith, and it comes with a cash prize of Rs 2 lakh. This year, however, the programme has been postponed.



Indian Army Chief Manoj Pande Conferred Honorary Rank Of Nepal Army General :-

General Manoj Pande of the Indian Army was named Honorary General of the Nepali Army by Nepal President Bidya Devi Bhandari in Kathmandu. During his current visit to Nepal, General Pande was honoured at a special ceremony at the President's official residence, 'Shital Niwas,' in the capital city of Nepal. In 1950, Commander-in-Chief General KM Cariappa was the first Indian Army chief to be awarded the title. General Prabhu Ram Sharma, the Chief of the Nepali Army, was named Honorary General of the Indian Army last year.



West Bengal Bags International Travel Award 2023 For 'Best Destination For Culture' :-

In the internationally acclaimed World Travel Awards, West Bengal was named the best cultural destination. The award will be presented in Berlin next year. Announcing the receipt of the award, chief minister Mamata Banerjee wrote in Twitter: "I am proud to announce that Pacific Area Travel Writers Association, an affiliate of the UN World Tourism Organisation, will confer Bengal with the International Travel Award 2023, for best destination for culture. Bengal has made its mark in the global cultural map."



Hindi Writer Dr. Asghar Wajahat Awarded With 31st Vyas Samman :-

Dr. Asghar Wajahat, a well-known Hindi writer, received the 31st Vyas Samman at a ceremony in New Delhi. Dr. Wajahat's play Mahabali was chosen for the prestigious award. Dr. Wajahat focuses on Mughal emperor Akbar and poet Tulsidas in his play Mahabali. He attempts to answer the question of who is the true Mahabali, the poet or the emperor, through the play. The K K Birla Foundation awards the Vyas Samman for an outstanding literary work in Hindi written by an Indian citizen and published within the last ten years.



Singapore Awarded 'Meritorious Service Medal' To Lanba, Former Navy Chief Of India :-

Admiral Sunil Lanba, former Chief of Naval Staff of India, has been awarded Singapore's prestigious military award, the Pingat Jasa Gemilang (Tentera) or Meritorious Service Medal (Military) (MSM(M)), by President Halimah Yacob. Admiral Lanba received the award for his outstanding contributions to strengthening the Indian Navy's long-standing bilateral defence relationship with the Republic of Singapore Navy. Admiral Lanba received the award from Singapore's Minister of Defence, Ng Eng Hen, during an investiture ceremony at the Ministry of Defence (MINDEF).



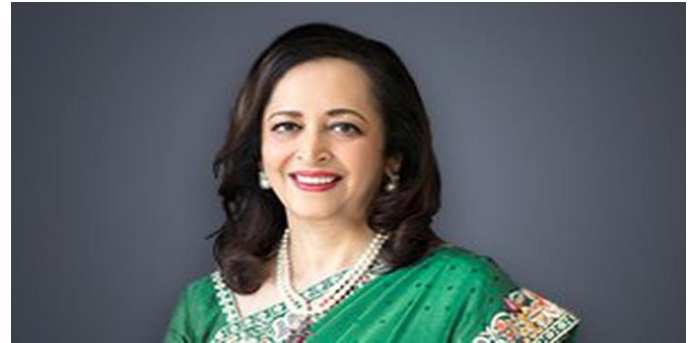
Union Minister Dr Jitendra Singh Presents INSPIRE Awards To 60 Startups :-

Dr. Jitendra Singh, Union Science and Technology Minister, presented INSPIRE awards to 60 start-ups and financial assistance to over 53 thousand students. The Department of Science and Technology established the award, and these innovators will receive full incubation support for their entrepreneurial journey. Dr Singh stated that out of a total of 6.53 lakh students, a total of 53 thousand and 21 students were identified for financial support of ten thousand rupees each in order to develop prototypes of the ideas they submitted for the scheme.



GRSE Awarded Prestigious 'Rajbhasha Kirti Puraskar' For 2021-22 :-

Garden Reach Shipbuilders and Engineers Limited, Kolkata, has received the prestigious 'RAJBHASHA KIRTI PURASKAR' from the Ministry of Home Affairs, Government of India for the best implementation of Official Language in Public Sector Undertakings in Region 'C' for the fiscal year 2021-22. Shri Ajay Kumar Mishra, Hon'ble Union Minister of State for Home, presented the award to GRSE during the Hindi Diwas Celebrations in Surat, which were presided over by Shri Amit Shah, Hon'ble Union Minister of Home Affairs and Cooperation.



Swati Piramal Conferred With Top French Civilian Honour :-

Dr Swati Piramal, a prominent Indian scientist and industrialist, has been awarded France's highest civilian honour, the Chevalier de la Legion d'Honneur, or Knight of the Legion of Honour, for her contributions to business and industry, science and medicine, and strengthening Indo-French ties. Piramal, 66, is the vice-chairperson of the Piramal Group, a business conglomerate based in Mumbai that has interests in pharmaceuticals, financial services, real estate, and glass packaging.



Alia Bhatt Receives The Prestigious "Priyadarshni Academy's Smita Patil Memorial Award":-

At the 38th anniversary celebrations of the premier non-profit, socio-cultural, and educational organisation, Priyadarshini Academy, Alia Bhatt was awarded the prestigious Priyadarshni Academy Smita Patil Memorial Award for her commendable contribution to Indian cinema. This prestigious award is given to outstanding national and international recipients each year, and it recognises their unparalleled excellence and immense contribution to their respective fields.

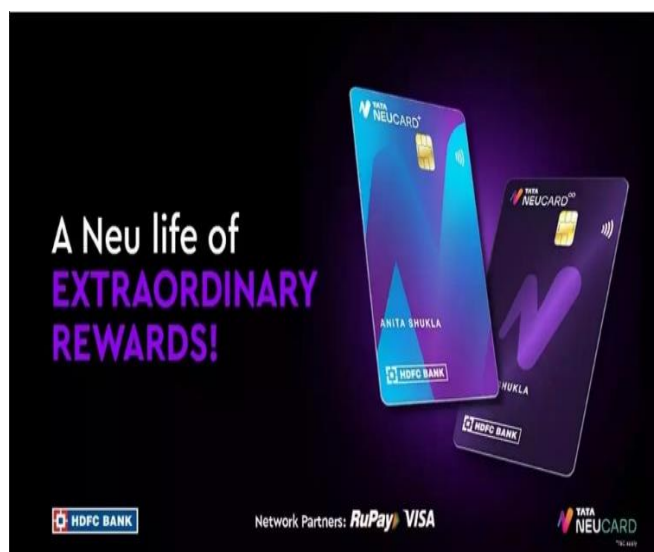
5: Banking



A wholly owned subsidiary of Bank of Baroda

Yoddha: BOB Finance With Indian Army Launches Contactless Credit Card :-

BOB Financial Solutions, which is backed by Bank of Baroda, has launched a 'Yoddha' co-branded RuPay credit card for Indian Army personnel in collaboration with National Payments Corporation of India (NPCI). The new co-branded credit card will have contactless capabilities and will be available on the RuPay platform. According to the statement, Yoddha, the co-branded credit card, has been curated like no other, offering best-in-class features and benefits, as well as democratic choice, to Indian Army personnel.



HDFC Bank And Tata Neu Launches Co-Branded Credit Card:-

Tata Neu, the Tata Group's "super app," and HDFC Bank have announced a partnership to launch co-branded credit cards. The card will be available in two versions: the Tata Neu Plus HDFC Bank Credit Card and the Tata Neu Infinity HDFC Bank Credit Card. Customers of Tata Neu can apply for the credit card and view its key details via the Tata Neu app. The card's two variants will be available on both the RuPay and Visa networks. The cards will supplement existing rewards for Tata Neu customers on all Tata Neu purchases.



NPCI And ICICI Bank Collaborate To Offer RuPay Credit Cards :-

ICICI Bank has collaborated with the National Payments Corporation of India (NPCI) to launch a suite of credit cards on the RuPay native payments network. The first card, the ICICI Bank Coral RuPay Credit Card, is a contactless card that offers users numerous rewards points on everyday purchases such as shopping, utility bills, complimentary domestic airport and railway lounge access, discounts on movie tickets and dining, and so on. It also provides accidental insurance coverage and concierge services 24 hours a day, seven days a week.



SBI Card Launches 'Cashback SBI Card' In India :-

SBI Card has introduced the 'Cashback SBI Card,' India's first comprehensive cashback credit card. According to SBI Card, the first cashback-focused credit card, customers can earn 5% cashback on all online purchases with no merchant limits. Customers of all demographics will be catered to, from mass to premium, and the card will offer a quick, easy, and entirely digital sign-up process. For the first year, until March 2023, the contactless cashback card is free.



HDFC Bank Opened New SMS Banking Facility For Its Customers :-

HDFC Bank has launched a round-the-clock SMS service for its customers. You can use HDFC Bank SMS Banking to check your account balance and summary, apply for loans, manage your credit cards, and so on. If you register by sending an SMS to 7308080808, you will have immediate access to SMS Banking. If you fill out the application form to register for SMS Banking, the registration process will take 4 working days from the

time you submit your application form. The Net Banking platform does not support new SMS Banking registrations.



HDFC ERGO To Build Online Insurance Platform On Google Cloud :-

Google's cloud computing division is collaborating with HDFC ERGO General Insurance to develop a platform that will aid in the digitization of insurance purchasing and servicing in India. HDFC ERGO will use the platform to launch innovative insurance products and provide digital and personalised customer experiences. It will also look to use data sets and predictive insights provided by Google Cloud's AI and ML algorithms to detect and mitigate fraud and other allied risks, as well as respond to regulatory changes more quickly.



ESAF SFB Launches 'Rainbow Account' For Transgender Community :-

ESAF Small Finance Bank Ltd has recently launched a 'Rainbow Savings Account' for the transgender community, which includes a high savings rate and advanced debit card facilities. A trans-friendly or inclusive labour culture is urgently needed, and this is a significant step toward the inclusive revolution, according to a statement issued by Kerala-based ESAF Small Finance Bank. In 2015, the Reserve Bank of India directed banks to include a separate 'third gender' column in all forms and applications.



HDFC Bank Unveils 'Bank On Wheels' In Gujarat :-

HDFC Bank took to Twitter to announce its cutting-edge 'Bank on Wheels' service for the state of Gujarat. To improve accessibility, the bank's Rural Banking segment has introduced 'Bank on Wheels' vans, which will visit remote villages located 10 to 25 kilometres from the nearest branch. Customers have access to 21 banking products and services. The van will be stationed at each location for a set period of time and will visit three villages in a single day. The van will also visit each village twice a week.

of being recognised as a bank that provides a distinct customer experience. The digitization of bank guarantee issuance is a game changer in terms of increasing the proficiency of doing business for MSMEs, which are important applicants for bank guarantees.



HDFC Life Started Click2Protect For Super Term Insurance :-

HDFC Life has introduced the Click2Protect Super term insurance plan, which allows for customization based on protection needs, and policyholders only pay for the benefits/plan options that they have chosen. It is a non-linked, non-participating, individual, pure risk premium/savings life insurance plan that offers numerous flexibility options such as changing life cover, extending the policy term, obtaining coverage for accidental death and terminal illness, and so on. The plan provides comprehensive financial protection to family, HDFC Life said in a statement.



HDFC Bank Issues India's First Electronic Bank Guarantee :-

In collaboration with National E-Governance Services Limited (NeSL), HDFC Bank becomes the first bank in India to issue an Electronic Bank Guarantee (e-BG) . On the NeSL portal, e-BG will be issued via an API-based digital workflow. HDFC Bank's group head of operations stated that digitization is a critical enabler for their vision



Axis Bank And Square Yards Launched Co-Branded Home Buyer Ecosystem :-

Axis Bank, India's third largest private sector bank, and Square Yards, India's largest integrated Real Estate platform, announced the launch of 'Open Doors,' a novel, co-branded Home Buyer Ecosystem, recently. This one-of-a-kind platform will ensure that the entire process of searching for and purchasing one's own dream home is a pleasant, efficient, and enjoyable one for customers. Open Doors is a first-of-its-kind unified platform designed to address the full range of customer inquiries about residential real estate.

Canara HSBC Life Insurance Launches ISelect Guaranteed Future Plan:-

Canara HSBC Life Insurance has introduced iSelect Guaranteed Future, an individual, non-linked, non-participating, savings and protection life insurance plan

available through the company's digital platform. The product is aimed specifically at younger customers who are internet savvy and prefer a digital platform. The product provides guaranteed benefits as well as the flexibility to select plan options, premium amounts, premium payment terms, policy terms, and premium payment modes based on the customer's saving needs. The plan has been tailored to meet both short and long-term financial needs.



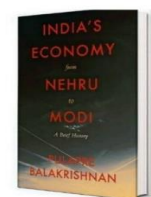
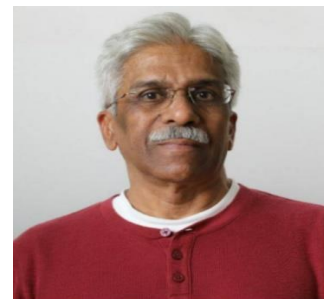
6: Books and Author



Book 'Ravivariya Chintan' By Bishambhar Newar :-

Bishambhar Newar has a long history in journalism. From 2017 to 2022, the chief editor of Taaza TV and Chhapte Chhapte wrote a piece about important current events every Sunday. 'Ravivariya Chintan,' his book, is a compilation of these weekly concerns over a five-year period. "Today's journalism is in a grave situation, riddled with media trials and hatred. We need to remember that

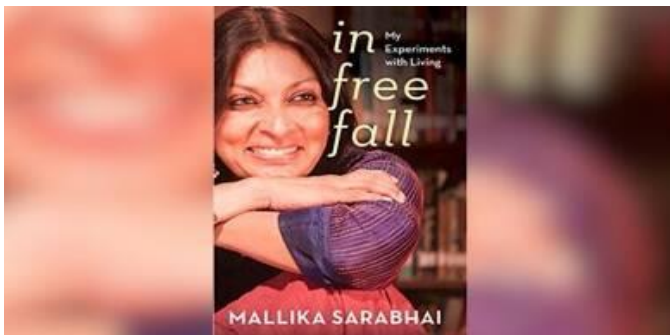
the day writers and journalists are sold, there will be no line of defence left for society. We need people to fight for journalism's independence" he said at the launch event.



'India's Economy From Nehru To Modi: A Brief History' Book To Be Launched:-

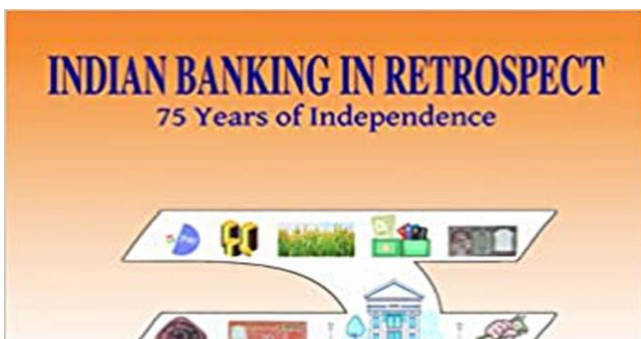
Pulapre Balakrishnan's new book, 'India's Economy From Nehru To Modi: A Brief History,' will be released later

this month. The book is about India's economic development from the time of Pt. Jawaharlal Nehru to the current Prime Minister Narendra Modi. Independent The Indian economy's 75-year journey is coming to an end. India's Economy From Nehru To Modi: A Brief History also emphasises that with the end of colonialism and the adoption of political democracy, Indians gained significant independence.



Acclaimed Dancer Mallika Sarabhai Released Her Memoir 'Free Fall' :-

Mallika Sarabhai, a renowned classical dancer and activist, has released her first self-help memoir, "Free Fall: My Experiments with Living." The book was published by Speaking Tiger on August 30. Mallika Sarabhai is an accomplished Kuchipudi and Bharatanatyam dancer who has specialised in using the arts for social change and transformation. She is the daughter of renowned Indian classical dancer Mrinalini Sarabhai and the legendary space scientist Vikram Sarabhai. The memoir conveys an extremely valuable message to anyone seeking good health and happiness.



A Book Titled "Indian Banking In Retrospect – 75 Years Of Independence" By Dr Ashutosh Ravavikar :-

Dr. Ashutosh Ravavikar, Director of the Reserve Bank of India's Department of Economic and Policy Research (DEPR), has written a new book titled "Indian Banking in Retrospect - 75 Years of Independence." Aswad Prakashan Private Limited is the publisher of the book. The book's foreword was written by Bibek Debroy, Chairman of India's Prime Minister's Economic Advisory Council. The book discusses various economic developments such as LPG (Liberalisation, Privatisation, and Globalisation) reforms in 1991, the first time banks were nationalised in 1969, and much more.



Autobiography Titled "The Hero Of Tiger Hill" Authored By Subedar Major Yadav :-

The autobiography "The Hero of Tiger Hill: Autobiography of a Param Vir" tells the inspiring story of Subedar Major (Honorary Captain) Yogendra Singh Yadav (Retd), who was awarded the Youngest Param Vir Chakra (PVC) at the age of 19 for his actions during the 1999 Kargil conflict. Srishti Publishers & Distributors is the publisher of this autobiography. The book was primarily about the night of July 3, 1999, when Yadav, then 19, was assigned to the Ghatak Platoon of the 18 Grenadiers Regiment to capture Tiger Hill.



A Book Titled "Science Behind Surya Namaskar" Unveiled By Minister Dr Kalubhai :-

Dr. Munjpara Mahendrabhai Kalubhai, Minister of State for Ayush and Minister of State for Women and Child Development, released "Science Behind Suryanamaskar," a collection of evidence-based research on one of the most well-known Yoga Asanas, at All India Institute of Ayurveda. The AIIA's Department of Swasthavritta and Yoga compiled the book "Science Behind Suryanamaskar." Dr. Mahendrabhai congratulated the Institute's teachers and scholars on their hard work and efforts during the book's launch.



'Divorce And Democracy: A History Of Personal Law In Post-Independence India' By Saumya Saxena :-

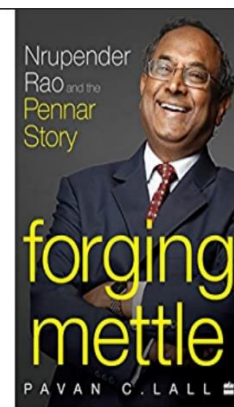
At the India International Centre a new book on divorce laws and religions in the post-colonial era was launched. Family law, religion, and gender politics in India are discussed in the book 'Divorce and Democracy: A History of Personal Law in Post-Independence India' Saumya Saxena, a British Academy Fellow at the Faculty of

History, University of Cambridge, wrote the book, which discusses the Indian state's difficult dialogue with divorce, which is largely reconciled through religion.



A new book titled "Will Power" authored by former coach Sjoerd Marijne :-

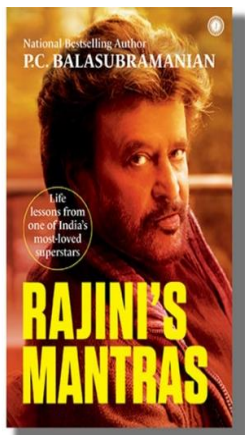
Former Indian women's hockey coach Sjoerd Marijne is set to publish his first book, "Will Power," which will tell the inside story of the team's incredible comeback at the 2020 Tokyo Olympics. The book will be released on September 21 by HarperCollins India. It is said to be a moving story about a team with no self-belief and their quest to rise from the ashes to finish fourth in the Olympics, their best ever performance. He also writes about dealing with setbacks, developing team chemistry, and maintaining a winning attitude.



A Book Title "Forging Mettle : Nrupender Rao And The Pennar Story" By Pavan C. Lall :-

Pavan C Lall, a senior journalist, has written a new book titled 'Forging Mettle: Nrupender Rao and the Pennar

Story.' HarperCollins Publishers India will publish the book. The book focuses on how a small business grows into a large organisation based on values and sustainability. Forging Mettle is the story of Pennar Industries Limited Chairman of the Board Nrupender Rao and his entrepreneurial journey. The story provides a unique philosophy for a company, and it is recommended to aspiring entrepreneurs to learn how to build a principled and ethical institution.



A New Book "Rajini's Mantras" Authored By P.C. Balasubramanian :-

P.C. Balasubramanian (PC Bala), an entrepreneur and author, has written a new book in English titled "Rajini's Mantras: Life lessons from India's most-loved Superstar". Jaico Publishing House (India) published it . P.C. Balasubramanian, bestselling author, extracts the best life lessons from Rajinikanth's iconic speeches,

public interactions, and performances dating back to his early days in the film industry in Rajini's Mantras. Rajinikanth, affectionately known as 'Thalaivar' (leader) by his fans, is an inspiration to many.



Manoj Bajpayee Publishes Book "Muskurate Chand Lamhe Aur Kuchh Khamoshiyan" :-

In the presence of Apurva Chandra, the secretary of information and broadcasting, well-known actor Manoj Bajpayee published a book titled Muskurate Chand Lamhe aur Kuchh Khamoshiyan at a ceremony in New Delhi. The book contains a wide range of poetry. It was written by Jiwesh Nandan. Mr. Apurva Chandra expressed his thoughts at the time, stating that the book is centred on humour and philosophy. Manoj Bajpayee stated that this book of poetry has blossomed as a result of many years of hard work, and that the impression of time can be seen on the emotions in the poems.

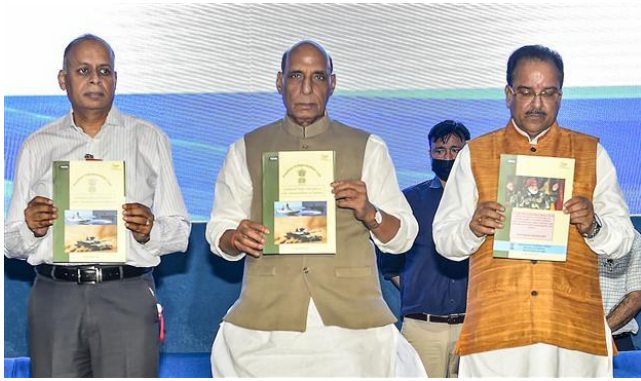
7: Defence



DRDO Successfully Tests Pinaka Extended Range Rocket In Pokharan :-

The Pinaka long-range rocket was tested at the Pokhran Firing Ranges in Rajasthan. Several successful test firings occurred during the tests. The Pinaka rocket was developed by the Defence Research and Development Organisation (DRDO), but the rockets are manufactured by a private sector company. The Pinaka is an Artillery

Missile System capable of striking enemy territory with pinpoint accuracy up to a range of 75 kilometres. A total of 24 EPRS rockets were fired for various ranges, with all rockets achieving the required accuracy.



To Boost Self-Reliance, Indian Forces Gets 3rd Indigenisation List :-

Defence Minister Rajnath Singh has approved a new list of 780 components and subsystems that will only be procured from domestic industry after an import ban takes effect over a six-year period. It is the third such "positive indigenisation" list, and it includes line replacement units, subsystems, and components used for various military platforms, equipment, and weapons, with the goal of reducing imports by defence public sector undertakings (DPSUs). This list follows the publication of two similar positive lists in December 2021 and March 2022.



Vajra Prahar 2022: India And USA Joint Exercise :-

The 13th edition of the India-US joint special forces exercise Vajra Prahar 2022 concluded in Bakloh,

Himachal Pradesh. A 21-day joint training exercise was conducted by special forces from both countries. This annual exercise is alternately hosted by India and the United States. The 12th edition was held in Washington, DC in October 2021. The joint training allowed both nations' forces to train in airborne operations, special operations, and counter-terrorism operations.



SAREX-2022: 10th National Maritime Search And Rescue Exercise-22 Conducted In Chennai :-

In Chennai, the Indian Coast Guard (ICG) held the 10th National Maritime Search and Rescue Exercise SAREX - 22. The Indian Coast Guard chief, VS Pathania, along with other agencies and foreign participants, reviewed the exercise "SAREX-2022." Dr. Ajay Kumar, Defence Secretary, Government of India, launched the 10th edition of the National Maritime Search and Rescue Exercise (SAREX -22). The Indian Coast Guard hosted the two-day exercise, which was held under the auspices of the National Maritime Search and Rescue Board (NMSARB).



INS Vikrant, An Indigenous Aircraft Carrier Commissioned By PM Modi :-

Prime Minister Narendra Modi dedicated the country's first indigenous aircraft carrier, as well as the most complex warship ever constructed. The Indian Navy commissioned the INS Vikrant. The ship is named after India's first aircraft carrier, Vikrant, which was crucial in the 1971 war. From 2013 to 2017, the Navy operated two aircraft carriers, the former Viraat acquired from the United Kingdom and the current INS Vikramaditya from Russia which is currently in service. The 42,800-tonne ship was designed by the Navy's Warship Design Bureau (WDB) and built by Cochin Shipyard Limited (CSL).



Tejas Mark-2 Megaproject Approved By Cabinet Committee On Security :-

Building on the Tejas light combat aircraft's success, India recently approved the development of a much more capable and powerful version of the indigenous jet, which will be followed by another megaproject for an ambitious fifth-generation stealth fighter. The Cabinet Committee on Security (CCS) led by Prime Minister Narendra Modi approved the project to develop Tejas Mark-2 prototypes, flight testing, and certification at a cost of over Rs 6,500 crore, in addition to the Rs 2,500 crore previously approved.



The Kibithu military outpost in eastern India, which bears Gen. Bipin Rawat's name:-

Around nine months after his death in a helicopter crash, the strategically significant Kibithu military garrison on the banks of the Lohit valley along the line of actual control (LAC) and a crucial road in this mountain hamlet were named after India's first chief of defence staff, Gen. Bipin Rawat. In Kibithu from 1999 to 2000, Rawat, then a young colonel, was in charge of his battalion, the 5/11 Gorkha Rifles, and made a significant contribution to the region's security infrastructure.



DRDO & Indian Army Successfully Conduct Six Flight-Tests Of QRSAM Off Odisha Coast :-

The Indian Army and the Defence Research and Development Organization (DRDO) have successfully completed six flight tests of the Quick Reaction Surface to Air Missile (QRSAM) system from the Integrated Test Range (ITR) Chandipur off the coast of Odisha. The flight

tests were part of the Indian Army's evaluation trials. Shri Rajnath Singh, Raksha Mantri, congratulated the DRDO and Indian Army on the successful flight trials. He was upbeat about the QRSAM weapon system's potential as a force multiplier for the Armed Forces.



Third Stealth Frigate Of Project 17A 'Taragiri' Launched :-

Taragiri, the third stealth frigate of Project 17A, has been launched by Mazagon Dock Shipbuilders Ltd (MDL), which is part of the defence ministry. The ship was built using an integrated construction methodology that included hull block construction in different geographical locations and integration and erection on the slipway at the MDL, according to a statement from the Ministry of Defence. Following the launch, 'Taragiri' will join its two sister ships at MDL for outfitting in preparation for delivery to the Indian Navy.



Indian Army & India Air Force Conduct Joint Exercise 'Gagan Strike' :-

The Army's Kharga Corps and the Indian Air Force conducted a joint exercise to demonstrate the armed forces' might and prowess. The exercise, dubbed "Gagan Strike," took place over four days in several areas of Punjab bordering Ambala in Haryana. Lt Gen Nav K Khanduri, General Officer Commanding in Chief, Western Command, also attended the exercise and urged the forces to continue to evolve such concepts and remain prepared to counter any contingency on the western borders.



JIMEX 2022: India-Japan Conducted Joint Naval Drills In The Bay Of Bengal :-

The sixth edition of the Japan-India Maritime Exercise 2022 (JIMEX 22) was held in the Bay of Bengal, hosted by the Indian Navy. JIMEX is a series of maritime exercises conducted by the Indian Navy and the Japan Maritime Self-Defense Force that began in January 2012. JIMEX's final edition was held in October 2021. JIMEX-22 aims to improve interoperability and develop a common understanding of operational procedures by conducting a variety of advanced exercises across the entire spectrum of maritime operations.



BSF's First Female Camel Riding Squad To Be Deployed Along The India- Pak Border :-

The BSF's first female camel riding squad is ready to deploy in Rajasthan and Gujarat along the India-Pakistan border. On December 1st, the squad will march in the BSF Raising Day Parade for the first time. This Squad will be the world's first of its kind. According to Pushpendra Singh Rathore, DIG BSF Bikaner, this squad received intensive training at the BSF's Bikaner Regional Headquarters under the supervision of skilled trainers. The Camel Contingents of the BSF, traditionally known as the "first line of defence," are used to keep vigil in the vast expanse of the Thar Desert.



Indian Air Force Set To Retire Abhinandan's MiG-21 Squadron :-

According to sources, the Indian Air Force is planning to retire its Srinagar-based MiG-21 squadron 'Sword Arms,' of which Wing Commander Abhinandan Varthaman was a member when he shot down a Pakistani F-16 combat aircraft a day after the Balakot strike in February 2019. 'Sword Arms' is one of the organization's four remaining squadrons of ageing MiG-21 fighter planes. According to defence sources, the No. 51 Squadron will be retired by the end of September, "as planned." According to them, the remaining three MiG-21 squadrons will be phased out by 2025.



Indian Navy Decommissions INS Ajay After 32 Years Of Service:-

After 32 years of illustrious and distinguished service to the nation, the Indian Naval Ship Ajay (P34) was decommissioned. The decommissioning ceremony took place at the Naval Dockyard in Mumbai. The decommissioning ceremony for INS Ajay was held in the traditional manner at the Naval Dockyard in Mumbai. Vice Admiral Ajendra Bahadur Singh, Flag Officer Commanding-in-Chief of the Western Naval Command, was the chief guest at the decommissioning ceremony. On January 24, 1990, the ship was commissioned in the then-USSR port of Poti, Georgia.



RBI lifts restrictions on American Express :-

The Reserve Bank of India announced that the business restrictions imposed on American Express Banking Corp. have been lifted. Due to American Express Banking Corp's satisfactory compliance with the Reserve Bank of India (RBI), the restrictions imposed on the onboarding of new domestic customers have been lifted with immediate effect, the central bank said in a statement. On April 23, 2021, the RBI prohibited American Express Banking Corp from onboarding new domestic customers onto its card network beginning May 1, 2021.



HINDUSTAN PETROLEUM CORP. LTD.

HPCL Starts Its First Cow Dung Based Compressed Biogas Project :-

Hindustan Petroleum Corporation Limited's Cowdung to Compressed Biogas Project in Sanchore, Rajasthan, has

begun. The plant, the first of its kind in HPCL's Waste-to-Energy portfolio, is designed to process 100 tonnes of dung per day into biogas that can be used as automotive fuel. The project is scheduled to be completed in a year. The project is being developed under the GOBAR-Dhan scheme, which was launched by the Government of India in April 2018 as part of the Swachh Bharat Mission's Biodegradable Waste Management component.



Telangana Tops Inflation Chart At 8.32% :-

Retail inflation in India has been a source of concern for the economy since it surpassed 6% in January, but there are wide disparities in the rate of price rises experienced by consumers across the country, with a dozen states experiencing average inflation of less than 6% and another 12 experiencing average inflation of more than 7% through 2022. Telangana, West Bengal, and Sikkim saw the steepest price increases, with combined rural and urban retail inflation averaging 8.32%, 8.06%, and 8.01%, respectively.



India's Q1 GDP Growth Of This Fiscal Year Is 13.5%

:-

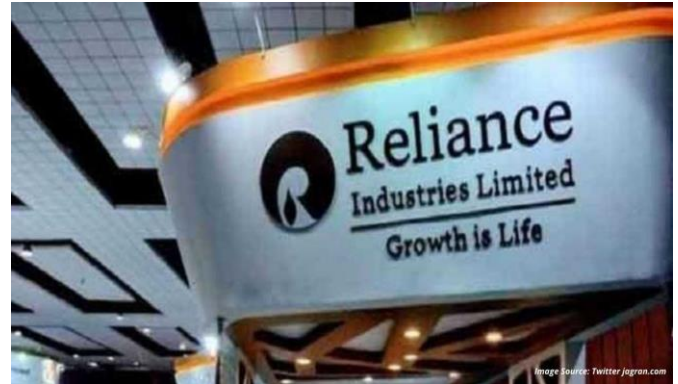
India's Gross Domestic Product increased 13.5% year on year in the first quarter of FY22-23, helped by the base effect, marking the fastest growth in four quarters. However, the figures fell short of economists' forecast of 15.2% and far short of the Monetary Policy Committee's projection of 16.2%. With rising interest rates, an uneven monsoon, and slowing global demand, analysts fear the economy will fall short of the Reserve Bank of India's 7.2 percent annual growth target for FY23.



Aadhaar Ventures Fined By SEBI For Violating Industry Standard :-

The Securities Exchange Board of India (SEBI) fined Aadhaar Ventures India Ltd (AVIL) and its directors for violating insider trading rules and listing conditions. According to a report, SEBI fined Aadhaar Ventures India Ltd (AVIL), its directors Somabhai Sunderbhai Meena, Jils Raichand Madan, and Jyoti Munver Rs 10 lakh for disclosure lapses (to be paid jointly and severally). SEBI

also fined AVIL and Meena (jointly and severally) Rs 5 lakh for failing to follow insider trading rules.



Reliance Industries To Build World's Largest Carbon Fibre Plant :-

Mukesh Ambani, chairman of Reliance Industries, has announced the company's plan to build India's first and largest carbon fibre plant in Hazira, Gujarat. The plant will be built as part of RIL's Oil to Chemical segment (O2C), in which the company has committed Rs 75,000 crore in investment over the next five years. The Industry Giant's development of India's First Carbon Plant is part of their vision for new materials. Carbon fibre is a cutting-edge material that has numerous applications in industry and the automotive industry.



Tata Motors Completed Acquisition Of Marcopolo's Stake :-

Tata Motors has announced that it has completed the acquisition of its joint venture partner Marcopolo's stake in Tata Marcopolo Motors Ltd. Tata Motors and Marcopolo reached an agreement in December 2020 under which the domestic automaker agreed to buy a 49 percent stake in its Brazilian partner. Tata Motors said in a regulatory filing that it has completed the procedural requirements under the share purchase agreement for acquiring the entire shareholding held by Marcopolo SA in Tata Marcopolo Motors Ltd (TMML).



India's Forex Reserves At 2-Year Low :-

India's forex reserves fell to \$564 billion, their lowest level since October 2020. According to the most recent RBI data, it fell \$6.69 billion in the week ending August 19, after falling \$2.24 billion the previous week. Foreign exchange reserves reached an all-time high of \$642 billion for the week ending September 3, 2021, covering more than 14 months of imports projected for 2021-22. Reserves have fallen by \$78 billion in less than a year. The current level of reserves can cover approximately 9 months of projected imports for 2022-23.



Finance Ministry: GST Collection Rose 28% In August To Rs 1.43 Trillion :-

In August, India's tax collection from the sale of goods and services increased by 28% to Rs 1.43 trillion, aided by rising demand, higher rates, and increased compliance. In August, GST collection surpassed Rs 1.4 trillion for the sixth consecutive month, and the upcoming festival season will help to maintain the trend. "Better reporting coupled with economic recovery will have a positive impact on the GST revenues on a consistent basis," the finance ministry said in a statement.



First LNG Truck Facility In India Opened By Blue Energy Motors :-

By establishing a manufacturing plant in Chakan, Pune, Blue Energy Motors has unveiled India's first LNG-fueled green truck. Nitin Gadkari, Union Minister of Road Transport and Highways, dedicated the facility. Blue Energy Motors' trucks will be long-haul, heavy-duty trucks that run on Liquefied Natural Gas. Gadkari stated on the occasion that LNG is the fuel of the future because it is both cost effective and economically viable. He also stated that these trucks will reduce transportation logistics costs.



Mastercard Acquires Title Sponsorship Rights For All BCCI International And Domestic Matches :-

Mastercard has announced a partnership with India's Board of Control for Cricket to expand its strategic reach to Indian audiences. During this association, Mastercard will be the title sponsor for all international matches (both men and women) played on home soil, domestic cricket matches such as the Irani Trophy, Duleep Trophy, and Ranji Trophy organised by the BCCI, and all junior cricket (U19 and U23) matches played in India. This sponsorship and the activities surrounding it are intended to strengthen Mastercard's relationship with cricket fans across the country.



Agribazaar Launches Kisan Safalta Card For Agri Financing :-

Agribazaar, a private electronic agri mandi, has introduced the 'Agribazaar Kisan Safalta Card.' According to the firm's statement, the 'Kisan Safalta' card is a quick and easy tool that helps farmers meet their pre- and post-harvest farm requirements and allied expenses. Farmers can use this card to obtain financing when needed. The funds can only be used to purchase farm

inputs. The card has a 12-month repayment period, which gives you enough time to pay off the balance, according to the company.



E-FAST- India's First National Electric Freight Platform Launched By NITI Aayog, WRI :-

The NITI Aayog and the World Resources Institute (WRI) of India unveiled e-FAST India (Electric Freight Accelerator for Sustainable Transport - India), the country's first national electric freight platform. The platform, which is supported by the World Economic Forum, will aid in the strengthening of partnerships as well as the identification and support of innovative freight solutions. The platform also aims to promote freight electrification through ground-based demonstration pilots and evidence-based research. It will also help with scalable trials and provide data to policymakers in order to accelerate India's freight electrification.



Vedanta And Foxconn To Invest 1.54 Lakh Crore In Gujarat For Chip Manufacturing :-

Vedanta, the mining conglomerate, and Foxconn, the Taiwanese electronics manufacturing giant, will invest Rs 1.54 lakh crore to build India's first semiconductor plant in Gujarat. Semiconductor chips, also known as microchips, are essential components of many digital consumer products, ranging from automobiles to mobile phones and ATM cards. The Indian semiconductor market was worth USD 27.2 billion in 2021 and is expected to grow at a healthy CAGR of nearly 19% to \$64 billion by 2026. However, none of these chips are currently manufactured in India.



India Becomes Power Surplus Nation :-

According to the government, India has become a power surplus nation, with a total installed electricity capacity of more than four lakh Mega Watts. With the goal of achieving sustainable development, India's power generation mix is rapidly shifting toward a greater share of renewable energy. Today, India is the world's third largest producer of renewable energy, with non-fossil fuel sources accounting for 40% of installed capacity. Renewable energy generation has increased to one lakh 38 thousand 337 Gigawatt hours by 2020.



Google Acquire Cyber-Security Company Mandiant For \$5.4 Billion :-

Google Cloud CEO Thomas Kurian announced the completion of the \$5.4 billion acquisition of cyber-security firm Mandiant. Mandiant will join Google Cloud to assist businesses in improving their threat, incident, and exposure management. "We will retain the Mandiant brand and continue Mandiant's mission to make every organisation secure from cyber threats and confident in their readiness," Kurian said in a statement. "Google Cloud and Mandiant will help organisations reinvent security to meet the requirements of our rapidly changing world," he emphasised.



STEERING THE PLANET TO NET ZERO

India's First Plastic Project Listed By EKI Energy Services Ltd :-

EKI Energy Services (EKI), a carbon credit developer and supplier that has been working in the realm of climate action and offset solutions for the last 14 years across 16 countries, has announced that it has listed a plastic project from India under a global accreditation standard,

becoming the first company to do so. The project ensures that plastic waste, primarily Polyethylene Terephthalate (PET) waste, PET flakes and chips, is responsibly sourced and recycled to produce Recycled Polyester Staple Fibre (RPSF), which can then be used in the textile industry to make garments.



SBI Hit Market Capitalization Of Rs 5 Trillion, Share Prices Reach Record High :-

State Bank of India (SBI), India's largest lender recently crossed the Rs 5-trillion-mark in market capitalisation for the first time, as the bank's shares hit a record high of Rs 574.65 and 574.7 per share, up around 3% on the BSE and NSE, respectively. According to BSE data, the public sector bank SBI was seventh in the overall market cap ranking with a market cap of Rs 5.11 trillion, becoming the third bank in the country to cross the Rs 5 trillion mark after HDFC Bank and ICICI Bank.



Andhra Pradesh, Odisha Attract Maximum Industrial Investment In 2022 :-

Andhra Pradesh has emerged as India's top investment destination, attracting Rs 40,361 crore in investments in the first seven months of 2022. According to the

Department for Promotion of Industries and Internal Trade (DPIIT) report (July 2022), India's actual industrial investment stood at Rs 1,71,285 crore between January and July. AP led the way with Rs40,361 crore in investments, followed by Odisha with Rs36,828 crore. Andhra Pradesh and Odisha accounted for 45% of total investment inflows into the country.



Figma Design Platform Acquired By Adobe For \$20 Billion :-

Adobe Inc recently agreed to acquire Figma, whose products are used by software developers to collaborate, for \$20 billion, raising investor concerns about the high price tag, causing the Photoshop maker's market value to fall by more than \$30 billion. Adobe CEO Shantanu Narayen called Figma's business "the future of work" and said there were "tremendous opportunities" to combine it with his company's other products, such as document reader Acrobat and online whiteboard Figjam.



ALWAYS YOU FIRST

WhatsApp And IDFC FIRST Bank Enabled FASTag Recharge :-

IDFC First Bank, a private sector lender, has announced the launch of its integration with 'payments on

WhatsApp' to enable simple and secure FASTags recharge for the bank's customers. IDFC FIRST customers can now recharge their FASTags directly from the bank's WhatsApp chatbot and complete the transaction from within the chat thread, according to a statement. "IDFC FIRST Bank customers can get started by just sending 'Hi' to the Bank's official WhatsApp chatbot number at +919555555555," it added.



RBI Removes Central Bank Of India From PCA Framework :-

The Reserve Bank of India (RBI) removed the Central Bank of India from its Prompt Corrective Action Framework (PCAF) after the lender improved in several financial ratios, including minimum regulatory capital and net non-performing assets (NNPAs). The PCA norm is a supervisory tool that is imposed when a bank violates certain regulatory thresholds for capital to risk-weighted assets ratio (CRAR), net non-performing assets (NPAs), and return on assets (RoA). The RBI imposed PCA standards on the bank in June 2017 due to its high net NPAs and negative asset return (RoA).



Gross Direct Tax Collection Registered Growth Of 30% In 2022-23 :-

Gross direct tax collections increased by 30% to ₹8.36 lakh crore through September 17 of the current fiscal year, according to the finance ministry. "The gross collection of direct taxes (before adjusting for refunds) for FY 2022-23 stands at Rs 8,36,225 crore compared to Rs 6,42,287 crore in the corresponding period of preceding financial year i.e. 2021-22, registering a growth of 30 per cent over collections of 2021-22," the ministry said in a statement. As of September 17, the total advance tax collections for April-September stood at ₹2,95,308 crore.



Indian rupee hits new low, slips below 81-mark Against US Dollars :-

On September 23, the Indian rupee hit a new low, breaking through the 81 per US dollar mark. The rupee fell to a new record low of 81.23 as the dollar remained above the 111 level and two-year US bond yields surged to multi-year highs above 4.1 percent. On September 24, the Indian rupee fell by 83 paise, its biggest single-day loss in nearly seven months, to close at an all-time low of 80.79 against the US dollar, as the US Federal Reserve's interest rate hike and hawkish stance weighed on investor sentiments.

9: International



Egypt releases postage stamp on 75th Anniversary of diplomatic ties with India :-

Egypt Post has issued a commemorative postage stamp in a unique move to mark 75 years of diplomatic relations between Egypt and India, which began with Egypt's recognition of India's independence on August 18, 1947, just three days after India's independence. Egypt and India have long had historic ties in all fields, dating back millennia. This was made possible by trade contacts between the two ancient civilizations that developed along the banks of the Nile and the Indus rivers.



FIFA Lifted Ban With Immediate Effect On All India Football Federation (AIFF) :-

After the Supreme Court terminated the mandate of the Committee of Administrators, FIFA lifted the ban imposed on the All India Football Federation (AIFF). The decision clears the way for India to host the Women's U-17 World Cup, which will take place from October 11 to October 30. The All India Football Federation was suspended by FIFA on August 15 for improper influence from third parties. FIFA has also stated that it will continue to monitor the situation and will assist the AIFF in holding its elections on time.



South Korea Breaks Its Own Record For The World's Lowest Fertility Rate :-

South Korea has broken its own record for the world's lowest fertility rate yet again, as it faces the prospect of its 51 million-person population more than halving by the end of the century. According to Bloomberg, based on 2021 data, Korean women are expected to have an average of 0.81 children over their lifetimes, down from 0.84 a year earlier, according to the statistics office. The number of newborns fell to 260,600 last year, accounting for about 0.5% of the population.



U.S. Warships Sail Through Taiwan Strait Near China :-

The US warships sailed through the Taiwan Strait, where the Chinese military conducted its largest exercises for several days in August, frequently crossing the median line that divided the Chinese mainland and Taiwan, which Beijing fiercely claims as part of it. Two American warships sailed through the Taiwan Strait, which separates China and Taiwan, in the first such operation since US House Speaker Nancy Pelosi visited Taipei in early August, igniting new tensions between the two countries.



India First Time Refers To 'Militarisation' Of Taiwan Strait By China :-

In response to an article by China's Ambassador to Sri Lanka, Qi Zhenhong, the Indian High Commission in Colombo's spokesman noted that the envoy drew a link between "militarisation of the Taiwan Straits and the visit of China's Yuan Wang 5 ship to Hambantota." This is

in stark contrast to MEA spokesperson Arindam Bagchi's first and only comments on the Taiwan Straits crisis following US Congress Speaker Nancy Pelosi's visit to Taipei. Since 1949, India has adhered to the "One China" principle and has only maintained trade and cultural ties with Taiwan.



IMF To Extend 2.9 Billion \$ To Sri Lanka :-

The International Monetary Fund (IMF) has agreed to provide Sri Lanka with a 2.9 billion dollar extended facility over a four-year period, subject to debt restructuring and anti-corruption measures. The decision follows a week-long discussion between the IMF and Sri Lankan authorities. Peter Breuer and Masahiro Nozaki led the IMF mission, which was in the island nation from August 24 to September 1. They talked about the IMF's assistance to Sri Lanka and the government's comprehensive economic reform plan.



Starbucks Named Indian-Origin Executive Laxman Narasimhan As CEO :-

Laxman Narasimhan, of Indian origin, has been named the new Chief Executive Officer (CEO) of coffee giant Starbucks. The 55-year-old former PepsiCo global chief commercial officer has taken over for Howard Schultz. Starbucks said that Laxman Narasimhan will join the company on October 1 but will take the helm in April 2023. Until then, interim CEO Howard Schultz will continue to lead the company and Laxman Narasimhan will work closely with Howard Schultz through April 1.



King Charles III officially proclaimed the new ruler of Britain :-

In a constitutional process that dates back hundreds of years, King Charles III, the world's newest king, was formally declared sovereign of the United Kingdom of Great Britain and Northern Ireland on Saturday morning. The current Accession Council, which is the longest-running branch of the British government, was called to meet on Saturday at St. James's Palace in London, which has served as the country's monarchs' official residence for many years. The council is comprised of Privy Counsellors, a select group of senior politicians, including new Prime Minister Liz Truss, religious figures from the Church of England, the Lord Mayor of London and a bevy of other top civil servants from across British society and the 14 other "realms," or nations, for which the monarch serves as the official head of state.

The VISA logo is displayed in a large, bold, blue font. It is centered on a white background with a dark blue horizontal bar above it and a yellow horizontal bar below it.

The US issues the most student visas to Indian students in 2022 :-

In 2022, the US issued a record 82,000 student visas to Indians, more than any other country. This is according to the United States (US) Embassy in India. Patricia Lacina, charge d'affaires at the US Embassy in India, claimed. This shows that the majority of Indian families continue to choose the US as their primary destination for higher education. In order to ensure that as many qualified students as possible arrived at their programmes of study in time for the scheduled start dates, the United States (US) embassy in New Delhi and the consulates in Chennai, Hyderabad, Kolkata, and Mumbai prioritised the processing of student visa applications from May to August, according to the embassy statement.



Liz Truss: 3rd Female Prime Minister Of United Kingdom :-

Liz Truss has been named the UK's 56th Prime Minister after defeating rival Rishi Sunak in an internal Conservative Party leadership election. Liz Truss is the third female prime minister in the United Kingdom, following Theresa May and Margaret Thatcher. Truss was appointed foreign minister a year ago after serving in the departments of education, international trade, and justice. Truss, who received 81,326 votes, defeated Indian-origin Rishi Sunak, who received 60,399 votes, to become the new Prime Minister of the United Kingdom.



Suella Braverman: UK's New Home Secretary Of Indian Origin :-

Suella Braverman, an Indian-origin barrister, has been appointed as the UK's new home secretary by new Prime Minister Liz Truss. Suella Braverman will succeed Priti Patel, who is of Indian origin. Suella Braverman, 42, is a Conservative Party MP from Fareham in south-east England who previously served as Attorney General in the Boris Johnson administration. She earned her Master's degree in European and French law from the Pantheon-Sorbonne University in Paris before becoming a New York Attorney.



3 Indian Cities Join UNESCO Network Of Learning Cities :-

Nilambur and Thrissur in Kerala, and Warangal in Telangana, were the first Indian cities to join the UNESCO Global Network of Learning Cities. India at UNESCO recently shared the news on their social media platform. The inclusion will encourage the exchange of ideas with other cities, provide already implemented solutions to problems, and much more. According to UNESCO, 77 cities from 44 countries have joined the UNESCO Global Network of Learning Cities. Beijing, Shanghai, Hamburg, Athens, Incheon, Bristol, and Dublin are also among the global cities.



U.S. Announced 450 Million \$ Package To Pakistan :-

Reversing its predecessor's decision, the Biden Administration has approved a USD 450 million F-16 fighter jet fleet sustainment programme for Pakistan. The State Department has made a determination to approve a possible foreign military sale of F-16 case for sustainment and related equipment for an estimated

cost of USD 450 million, arguing that this will maintain Islamabad's capability to meet current and future counterterrorism threats by maintaining its F-16 fleet.



North Korea Passes Law Authorising Nuclear Strikes As Form Of Defence :-

According to state media, North Korea has passed legislation declaring its readiness to launch preventive nuclear strikes, including in the face of conventional attacks. The move effectively ends the possibility of denuclearisation talks, with leader Kim Jong Un declaring that the country's nuclear status is now "irreversible." The announcement comes at a time when North and South Korea are at odds, with Pyongyang blaming Seoul for the spread of Covid-19 in its territory and conducting a record number of weapons tests this year.



SETU Programme Introduced In The US By Piyush Goyal :-

Shri Piyush Goyal, Minister of Commerce and Industry, Consumer Affairs, launched the US Startup SETU -

Supporting Entrepreneurs in Transformation and Upskilling programme in San Francisco's Bay Area. The initiative would connect Indian start-ups with US-based investors and start-up ecosystem leaders to provide mentorship and assistance in areas such as funding, market access, and commercialization. The programme was launched at a luncheon discussion focused on specific issues related to India's start-up ecosystem.



King Charles Names William And Kate As The Prince And Princess Of Wales :-

Britain's King Charles recently bestowed the titles of Prince and Princess of Wales on his eldest son William and daughter-in-law Kate, passing on titles previously held by himself and his late wife Diana. In his first speech to the nation since his mother, Queen Elizabeth II, died, Charles said he was proud to name his heir, Prince William, Prince of Wales, a title Charles had held since 1958. In his moving speech, he mourned his mother's death while also accepting new responsibilities as monarch.



Joao Lourenco Re-Elected As President Of Angola :-

Prime Minister Narendra Modi congratulated Angolan President Joao Manuel Goncalves Lourenco on his re-election. On Twitter, the Prime Minister stated that he is looking forward to working closely with Angola to strengthen bilateral relations. Angola is a valued African friend of India, and the two countries have warm and friendly people-to-people ties. With President Joao Lourenco securing a second five-year term, bilateral trade relations between India and Angola are expected to improve.



China And UAE To Join Hands On Moon Rover Missions :-

The Mohammed Bin Rashid Space Centre (MBRSC) of the United Arab Emirates recently announced a partnership with China's space agency to land a rover on the Moon in future lunar missions. The MBRSC revealed in a tweet that the rover will be delivered to the lunar surface aboard a China National Space Administration (CNSA) lander. The UAE is currently working on launching a rover named Rashid to the Moon later this year as part of the Emirates Lunar Mission in a lander developed by the Japanese company ispace.



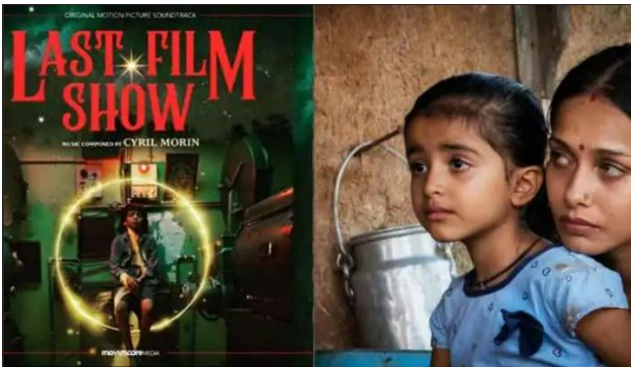
India's Presidency Of AIBD Extended For One More Year :-

The prestigious Asia-Pacific Institute of Broadcasting Development, AIBD, has extended India's presidency for another year. The AIBD member countries agreed unanimously on this during the two-day General Conference in New Delhi. Mayank Kumar Agrawal, Chief Executive Officer of Prasar Bharati and Director General of Doordarshan, is the current President of AIBD. AIBD was founded in 1977 and currently has 26 full members represented by 43 organisations and 52 affiliate members.



India Emerges As Sri Lanka's Largest Bilateral Lender Overtaking China :-

India has surpassed China as Sri Lanka's largest bilateral lender. In the first four months of 2022, India loaned the island nation a total of 968 million US dollars. China has been Sri Lanka's largest bilateral lender over the last five years, from 2017 to 2021. In the last five years, the Asian Development Bank (ADB) has been the largest multilateral lender, disbursing funds totaling 610 million dollars in 2021. Sri Lanka is in the grip of a severe economic crisis, with food and fuel scarcity affecting a large proportion of the island's population.



Gujarati Film 'Chhello Show' Becomes India's Official Entry For Oscars 2023 :-

Chhello Show (Last Film Show), a Gujarati film, is India's official entry for the 95th Academy Awards. It beat out films like SS Rajamouli's RRR, Anupam Kher's The Kashmir Files, and Ranbir Kapoor and Alia Bhatt's Brahmastra to become India's official entry. According to Film Federation of India (FFI) President TP Aggarwal, the film was unanimously chosen as India's official entry to the Oscars. Pan Nalin directed Chhello Show, which stars Bhavin Rabri, Richa Meena, Vikas Bata, Bhavesh Shrimali, Dipen Raval, and Rahul Koli.

10: Miscellaneous



DreamSetGo Named Sourav Ganguly As Its First Brand Ambassador:-

DreamSetGo, India's first premium sports experiences and travel platform, has appointed Sourav Ganguly as its first brand ambassador. Welcoming the new brand ambassador, Monish Shah, Founder & Chief Business Officer, DreamSetGo said, "We are thrilled to have Sourav Ganguly as our brand ambassador. His unparalleled love and contribution to sports will help us reach fans across the country, and promote our ability to create unique and memorable experiences."



3 officers of IAF sacked for the March 9 accidental firing of a Brahmos missile that landed in Pakistan :-

Three Indian Air Force officers were fired for the March 9 accidental launch of a Brahmos missile that landed in Pakistan. According to an official statement, the officers' services were terminated after a Court of Inquiry (CoI) determined that their deviation from Standard Operating Procedures (SOP) resulted in the accidental firing of the missile. "These three officers have primarily been held responsible for the incident. Their services have been terminated by the central government with immediate effect" said the statement.



Former Leg Spinner Rahul Sharma Announced Retirement :-

Rahul Sharma, a leg-spinner, has decided to retire from all formats of the game in order to compete in the second edition of the Road Safety World Series. Sharma first came to prominence during the IPL 2011, when he played for Pune Warriors India. Rahul's performance in the tournament earned him his first India call-up for the upcoming home series against the West Indies. Rahul made his ODI debut in 2011 against the West Indies, captained by Virender Sehwag. In 2012, he made his T20I debut for MS Dhoni against Australia.



New Zealand's Colin De Grandhomme Retires From International Cricket :-

Colin de Grandhomme, a New Zealand all-rounder, has announced his retirement from international cricket. New Zealand Cricket (NZC) issued an official statement confirming the development, stating that the 36-year-old cricketer made his decision after discussions with the country's cricket board. De Grandhomme leaves the game with an impressive record, particularly in Tests. He played 29 matches for New Zealand, scoring 1432 runs at 38.70 and taking 49 wickets. He was instrumental in the first-ever ICC World Test Championship campaign against India in Southampton.



The Markham City Of Canada Has Named A Street After Music Composer AR Rahman :-

AR Rahman, a Grammy Award-winning music composer, was honoured by Canada when the city of Markham named a street after him. He delivered a lengthy speech in which he expressed his gratitude to the people of Canada. "I never imagined this in my life. I am very grateful to all of you, the Mayor of Markham, Canada (Frank Scarpitti), and counsellors, Indian Consulate General (Apoorva Srivastava) and the people of Canada" he wrote. Rahman began his film career in the early 1990s, rising to prominence after composing music for the hit Tamil film Roja.



“Uppercase” Named Jasprit Bumrah As Brand Ambassador :-

Acefour Accessories, a travel accessory company, has signed Jasprit Bumrah as a brand ambassador for its eco-friendly luggage line 'Uppercase.' Bumrah has agreed to terms for the next two years. According to a press release, his extraordinary game across formats makes him the perfect fit to represent the brand. The 'Never Ordinary' campaign will be spread across a series of creatives that weave together to tell the features and USPs of Uppercase's bags. The films will highlight Uppercase's bags as an ideal everyday companion that is also environmentally friendly.



Suresh Raina Announces Retirement From Indian Premier League :-

Suresh Raina, an Indian batter, has announced his retirement from the Indian Premier League (IPL) and

domestic cricket. Raina, who announced his retirement from international cricket along with Mahendra Singh Dhoni in 2020, was a Chennai Super Kings player until last year. Raina played 18 Tests, 226 ODIs, and 78 T20Is for India over the course of his 13-year international career. He also had the honour of briefly captaining the team. Raina scored 5615 runs in 226 ODIs and 1605 runs in 78 T20Is.



Indian FMCG Company Pintola Named Sunil Chhetri As Brand Ambassador :-

Sunil Chhetri, the captain of the Indian football team, has been signed as the face of Pintola's nut butter brand in a multi-year deal. It will be Chhetri's first collaboration with an FMCG brand in the country. “Sunil Chhetri and Pintola embody similar values of rootedness, perfection, consistency, and performance and most crucially promote the idea of healthier India to this generation,” said Anand Patel, owner, Pintola. Patel added that Chhetri's 'no compromise attitude' is an inspiration for many.



Australia Captain Aaron Finch Announced Retirement From ODI Cricket :-

Aaron Finch, Australia's captain, has announced his retirement from one-day international cricket. Finch, who has played 145 One-Day Internationals for Australia, has had a poor run of form in 50-over cricket this year, scoring only 26 runs in his last seven innings. Despite not being named to Australia's ICC Men's Cricket World Cup 2024 squad, Finch will captain the team in this year's T20 World Cup. Despite the end of his ODI career, Finch will leave with an impressive record of over 5400 runs and 17 centuries.



Burjeel Holdings Appoints Shah Rukh Khan As Brand Ambassador :-

Burjeel Holdings, a leading provider of private healthcare services in the MENA region and one of the largest in the UAE, has appointed superstar Shah Rukh Khan as its new brand ambassador. The collaboration with Burjeel Holdings is Shah Rukh Khan's first role as a healthcare ambassador. He is set to return to the big screen with the 2023 release "Pathaan." Burjeel Holdings operates 39 hospitals and medical centres throughout the Middle East and North Africa (MENA) region.



Virat Kohli Becomes First Cricketer To Have 50 Million Followers On Twitter :-

Virat Kohli, India's star batter with 211 million Instagram followers, became the first cricketer to reach 50 million Twitter followers. The 33-year-old is the world's most followed cricketer and the third most followed sportsperson on Instagram, trailing only Cristiano Ronaldo (450M) and Lionel Messi (333M). Kohli also has over 49 million Facebook followers, bringing his total social media followers to over 310 million. Kohli returned to form in the recent Asia Cup 2022, finishing as India's top scorer with two fifties and a century.



Robin Uthappa Announced Retirement From All Forms Of Indian Cricket :-

Robin Uthappa, one of India's most celebrated batters, has announced his retirement from all forms of cricket. The right-handed batsman most recently represented Chennai Super Kings in the IPL 2022 and Kerala in Indian domestic cricket. Uthappa was a member of India's Under-19 World Cup team in 2004. He made his India debut two years later and has played 46 ODIs and 13

T20Is for the country. Uthappa appeared in 12 IPL matches for Chennai Super Kings last season, scoring 230 runs with the highest score of 88.



Roger Federer Announces Retirement From Professional Tennis :-

Following a string of injuries, Roger Federer has announced his retirement from tennis, effectively ending the career of one of the most popular and successful players in sporting history. The Swiss player rose to prominence in 2003, when he won his first Grand Slam title at Wimbledon. He went on to win the championship seven more times, bringing his total to 20 Grand Slam titles, the third most in the open era. These accomplishments helped him become one of the top earners in sports.



Kashmir Gets Its First Multiplex, In Srinagar :-

Manoj Sinha, the lieutenant governor of Jammu and Kashmir, inaugurated Kashmir's first multiplex in the Sonwar area of Srinagar. After a three-decade absence, cinemas have returned to Kashmir. "Inaugurated INOX multiplex theatre in Srinagar. Congratulations to the

people, Sh. Vijay Dhar & INOX Group. A major Socio-economic revolution is sweeping through J&K in the last 3 years. It is reflection of a new dawn of hope, dreams, confidence and aspirations of people", Sinha posted on Twitter. INOX designed the multiplex, which has three movie theatres with a total capacity of 520 seats.



Delhi Lt General V K Saxena Launched 'We Care' Community Policing Initiative :-

At an event held on Kartvaya Path at India Gate, Delhi Lt General V K Saxena recently launched a community policing initiative called 'We Care.' The goal of this initiative is to raise public awareness about the various schemes of the Delhi Police in order to maintain coordination and establish a police-public interface. According to an official statement, all DCPs will hold community policing activities in their respective areas on every Saturday and Sunday for the next three months as part of the 'We Care' initiative.



Max Life Insurance Named Cricketer Rohit Sharma & Ritika Sajdeh As Brand Ambassadors :-

Under a two-year partnership agreement, Max Life Insurance has named Indian men's cricket team captain and star player Rohit Sharma and his wife Ritika Sajdeh as their new brand ambassadors. This will be the first time the two will appear on screen together. Through

this strategic alliance, the company intends to target the millennial audience and convey the importance of having life insurance, as well as build and enhance the importance of financial preparedness and protection.

11: National



Centre implements 'One Nation One Fertiliser' plan under 'Bharat' brand :-

To ensure uniformity in fertiliser brands across the country, the government has issued an order requiring all companies to sell their products under the 'Bharat' brand name. Following the order, all fertiliser bags containing urea, di-ammonium phosphate (DAP), muriate of potash (MOP), or NPK will bear the brand names 'Bharat Urea,' 'Bharat DAP,' 'Bharat MOP,' and 'Bharat NPK,' regardless of whether the manufacturer is public or private sector.



IndiGo Joins WEF's "Clear Skies For Tomorrow" Sustainability Campaign :-

IndiGo, the country's largest carrier, has announced its participation in a World Economic Forum (WEF) led sustainable initiative. The airline has joined the Clear Skies for Tomorrow, India Coalition initiative. Clean Skies for Tomorrow, which was launched in January 2019, provides an important mechanism for top executives and public leaders from across the aviation value chain to align on a transition to sustainable aviation fuels as part of a meaningful and proactive pathway for the industry to achieve carbon-neutral flying.



UGC To Launch 'E-Samadhan' Portal For Resolving Grievances :-

The University Grants Commission (UGC), the sector regulator for higher education, will now monitor and resolve all grievances of students and staff in universities through a centralised portal called 'e-Samadhan,' which was recently made operational. According to the UGC, this platform ensures transparency, prevents unfair practices in Higher Education Institutions, and provides a time-bound mechanism for grievance redressal. According to an official statement, the commission

merged its existing portals and helplines, with the exception of the anti-ragging helpline, and created the new portal.



The Unemployment Rate Zooms To 1 Year High Of 8.3% :-

According to data from the Centre for Monitoring Indian Economy (CMIE), India's unemployment rate rose to a one-year high of 8.3 percent in August, as employment fell by 2 million to 394.6 million . According to the CMIE data, the unemployment rate was 6.8 percent in July, with 397 million people employed. According to the data, Haryana had the highest unemployment rate of 37.3 percent in August, followed by Jammu and Kashmir (32.8 percent), Rajasthan (31.4 percent), Jharkhand (17.3%), and Tripura (16.3%).



IMD Forecast Predicts Above Average Rainfall In September :-

For the third year in a row, India is expected to receive more rain than usual in September, the month that traditionally marks the end of the monsoon's four-month sojourn over the country. "The rainfall averaged over the country as a whole during the month of September 2022 is most likely to be above normal or greater than 9% of the Long Period Average (LPA)," according to the IMD's updated forecast. The monsoon is already in surplus by about 6% this year, and a strong September is likely to see India record yet another year of surplus rain.



Inauguration of India's first national conference on sustainable coastal management:-

The inaugural National Conference on Sustainable Coastal Management in India was launched in Bhubaneswar, Odisha, on Saturday, September 10, by Union Minister of Environment, Forests, and Climate Change Bhupender Yadav. The conference's main objectives were to improve the coastal towns' resiliency to climate change and to debate the next stages in coastal management. In order to focus on the three connected subjects of coastal and marine biodiversity, climate mitigation and adaptation, and coastal pollution, the Conference convened authorities from all 13 of India's coastal states under one roof.



The two-day "Centre-State Science Conclave" is opened by PM Modi:-

The first-of-its-kind conclave will strengthen Centre-State coordination and collaboration mechanisms in the spirit of cooperative federalism to build a robust science, technology, and innovation ecosystem across the country, in keeping with the Prime Minister's unrelenting efforts to promote innovation and entrepreneurship in the nation. Gujarat Chief Minister, Union Minister of State for Science and Technology (S&T), S&T Ministers and Secretaries of States and Union Territories, business executives, entrepreneurs, NGOs, young scientists, and students will all attend the historic conclave.



India avoids being a "trade pillar" at the Indo-Pacific summit :-

India withdrew from the joint declaration on the trade pillar of the U.S.-led Indo-Pacific Economic Framework ministerial meeting in Los Angeles, expressing concerns over potential discrimination against developing nations, according to Union Commerce Minister Piyush Goyal. Only India did not sign the declaration on trade among

the 14 IPEF nations, which also included South East Asian nations, Australia, New Zealand, South Korea, and Japan.



Central Govt Female Staff To Get 60-Day Maternity Leave In Early Child Death :-

According to an order issued by the Department of Personnel and Training (DoPT), all female central government employees will be entitled to 60 days of special maternity leave if their child dies soon after birth. The decision was made in light of the potential emotional trauma caused by stillbirth or the death of a child soon after birth, which has a far-reaching impact on the mother's life, according to the statement. According to the order issued to all central government ministries/departments, the condition for a child's death soon after birth can be defined as up to 28 days after birth.



36th National Games: Mascot And Anthem Launched By Amit Shah :-

Union Home Minister Amit Shah unveiled the Games' anthem and mascot in Ahmedabad, Gujarat. Union Sports Minister Anurag Thakur and Gujarat Chief Minister Bhupendra Patel were also there. This year, Gujarat will host the 36th National Games from September 29 to October 12, 2022. Meanwhile, the Games' anthem encapsulates the philosophy of 'Judega India, Jitega India.' Sukhwinder Singh, a Bollywood playback singer, provided the voice. The mascot for the National Games has been named "Saavaj," which means "lion" in Gujarati.



Center Renamed The Rajpath As Kartavya Path :-

The government has decided to rename the Rajpath and Central Vista lawns in Delhi, which stretch from the Rashtrapati Bhavan to India Gate, 'Kartavya Path.' During British rule, Rajpath was known as Kingsway. The Kartavya Path would span the entire avenue and area between the Netaji Statue and the Rashtrapati Bhavan. The Central Vista redevelopment project envisions a new triangular Parliament building, a common Central Secretariat, and the renovation of the three-kilometer-long Rajpath from the Rashtrapati Bhavan to India Gate.



Center Announced PM-SHRI Scheme For Upgrading 14500 School :-

The Union Cabinet has approved a Rs 27,360 crore plan to build more than 14,500 PM-SHRI schools across the country. The scheme, announced by Prime Minister Narendra Modi on the occasion of Teachers Day on September 5, will seek to strengthen existing schools managed by the Central and state governments, as well as local bodies. The scheme is expected to benefit over 18 lakh students directly. For a period of five years, the total project cost would be Rs 27,360 crore.



Railway's Revenue Up 38 % To Rs 95,486.58 Cr :-

The overall revenue of Indian Railways at the end of August 2022 was Rs 95,486.58 crore, an increase of Rs 26,271.29 crore or 38% over the same period the previous year. The revenue from passenger traffic was Rs 25,276.54 crore, up Rs 13,574.44 crore (116%) year on year. Passenger traffic increased in both reserved and unreserved segments compared to last year. The growth in long-distance reserved mail express trains has been

faster than in passenger and suburban trains, according to the Railways.



Health Minister Dr Mansukh Mandaviya Launched Raktdaan Amrit Mahotsav :-

On the occasion of Prime Minister Narendra Modi's birthday, Union Health Minister Mansukh Mandaviya recently launched a 15-day blood donation drive. Mandaviya also gave blood at a blood donation camp set up at Safdarjung Hospital. The minister urged citizens to sign up for the Aarogya Setu app or the e-Raktkosh portal in order to donate blood as part of the 'Raktdaan Amrit Mahotsav,' which will run until October 1 – National Voluntary Blood Donation Day. According to an official, 5,857 camps have been approved across the country, and 55,8959 donors have registered.



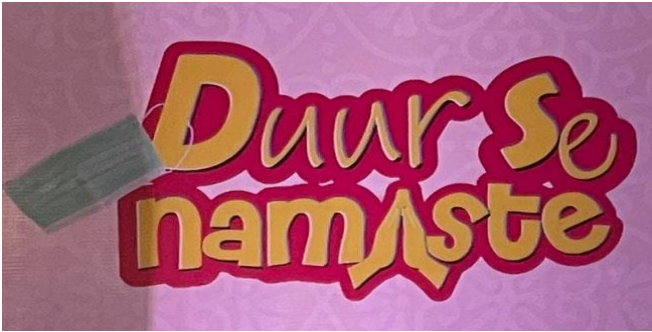
Election Commission Of India Launched BLO E-Patrika :-

At an interactive session with BLOs from across the country, the Election Commission of India released a new digital publication called 'BLO e-Patrika.' Over 350 Booth Level Officers (BLOs) joined via video-conferencing from the offices of Chief Electoral Officers (CEOs) in states/UTs, and 50 BLOs from neighbouring states of Rajasthan, Uttar Pradesh, and Delhi attended the launch event in person at the India Habitat Centre in New Delhi. The event marked the Commission's first-ever direct interaction with BLOs across the country.



Andaman And Nicobar Islands Become India's First Swachh Sujal Pradesh :-

Gajendra Singh Shekhawat, Union Jal Shakti Minister, has declared Andaman and Nicobar Islands to be India's first Swachh Sujal Pradesh. He presented the certificate to Lieutenant Governor Admiral DK Joshi at a function in Port Blair. With this achievement, all villages on the Andaman and Nicobar Islands have been certified as ODF plus open defecation free and have received the Har Ghar Jal certification. The Union Minister congratulated everyone on the island on their outstanding achievement.



USAID And UNICEF Launch Series Titled 'Door Se Namaste' :-

At a ceremony in New Delhi, the US Agency for International Development (USAID) and UNICEF launched the Doordarshan and YouTube series titled Door Se Namaste. Door Se Namaste is a new television series that promotes healthy behaviours in the aftermath of a pandemic. It is a fictional Hindi series created in an educational entertainment format that highlights the challenges of a post-pandemic world and encourages the adoption of healthy behaviours and practises. Every Sunday from 11 a.m. to 12 p.m., the show will air.



Cabinet Approves An Additional PLI Plan For Solar Cells :-

According to Union Minister Anurag Thakur, the Union cabinet recently approved the second tranche of the Performance Linked Incentive (PLI) scheme to boost manufacturing of solar photovoltaic (PV) modules in India. With the second tranche of the PLI scheme, the government hopes to install approximately 65GW per year of manufacturing capacity of fully and partially integrated solar PV modules in the country. The move is significant because, at the moment, all manufacturing in India's solar energy sector is limited to cells and modules.

12: Obituaries



Tamil film director Mani Nagaraj dies at 45 :-

Mani Nagaraj, a well-known Tamil director, died of a heart attack at the age of 45. Mani Nagaraj was recognised for his work on Pencil and was looking forward to the release of his next film. Mani Nagaraj made his directorial debut in 2016. His first movie was GV Prakash's Pencil. Mani Nagaraj worked as an assistant

to Gautham Vasudev Menon before making his directorial debut. He was a Madurai native who attended the Tamil Nadu Film Institute. Pencil, Mani Nagaraj's debut film, received widespread acclaim.



Former India football team captain Samar 'Badru' Banerjee dies at 92 :-

Samar 'Badru' Banerjee, the former captain of India's football team who led the country to a historic fourth-place finish in the 1956 Melbourne Olympics, died after a long illness. He was 92. On July 27, he was admitted to the MR Bangur Hospital after testing positive for COVID-19. He was suffering from Alzheimer, Azotemia, and high blood pressure-related ailments. The All India Football Federation (AIFF) expressed its condolences on the death of the renowned player.



Abhijit Sen, one of India's leading agriculture economists passes away:-

Abhijit Sen, one of India's leading agricultural economists, died at the age of 72. Abhijit Sen was a former member of the Planning Commission and one of the country's foremost experts on the rural economy. During the previous UPA administration, Abhijit Sen was a member of the Planning Commission. He was also the Chairman of the Commission for Agricultural Costs and Prices (CACP) in the first NDA government led by Atal Bihari Vajpayee, and he wrote the report of the High-Level Committee on Long-Term Grain Policy, which was submitted in 2000.



Sonia Gandhi's mother Paola Maino passes away in Italy, PM offers condolence :-

Paola Maino, the mother of interim Congress President Sonia Gandhi, died at her home in Italy, according to Jairam Ramesh, the party's general secretary in charge of communications announced on Wednesday, August 31. Prime Minister Narendra Modi offered Sonia Gandhi his condolences. "Condolences to Sonia Gandhi Ji on the passing away of her mother, Mrs. Paola Maino. May her soul rest in peace. In this hour of grief, my thoughts are with the entire family," he tweeted.



Mikhail Gorbachev, The Last Soviet Leader Who Ended The Cold War, Dies Aged 91 :-

Mikhail Gorbachev, the former Soviet leader who ended the Cold War peacefully, died at the age of 91. Mr. Gorbachev took power in 1985 and instituted reforms while also opening up the Soviet Union to the rest of the world. But he was unable to prevent the union's slow demise, and many Russians blamed him for the years of

turmoil that followed. He was admitted to the hospital in June after suffering from a kidney ailment, though his cause of death has not been disclosed.



Cyrus Mistry, Tata Sons Ex Chairman, Dies In Accident Near Mumbai :-

Cyrus Mistry, who succeeded Ratan Tata as chairman of Tata Sons before being ousted in India's most high-profile boardroom coup, was killed in a car accident on September 4 in Maharashtra's Palghar, according to police. He was 54. Mr Mistry was driving from Gujarat's Udwada to Mumbai in a Mercedes, according to the report. Mr. Mistry, Tata Sons' sixth chairman, was removed from his position in October 2016. After Ratan Tata announced his retirement in December 2012, he took over as chairman.



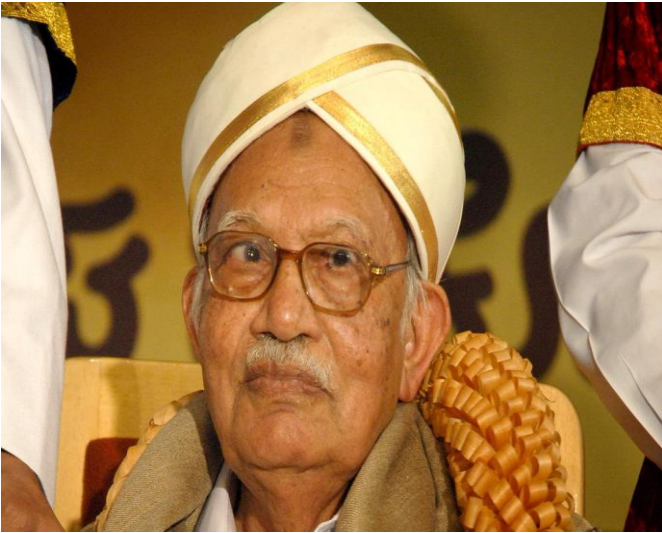
Oscar-Winning Pixar Animator Ralph Eggleston Passes Away :-

Ralph Eggleston, an Academy Award-winning animator, died at the age of 56. Eggleston, an art director and production designer at Pixar Animation Studios, won an Oscar for animated short film writing and directing "For the Birds" in 2001. The animator also worked as an artist on numerous Pixar films, including "Monsters, Inc.," "Finding Nemo," "Wall-E," "Cars," "The Incredibles," and "Inside Out." He also served as art director on the original "Toy Story." His final credited work was in the 2020 film "Soul."



Queen Elizabeth II passes away At 96 :-

Queen Elizabeth II, who was "under medical supervision," died on August 8 at the age of 96, according to Buckingham Palace. According to centuries of protocol, her eldest son, Charles, 73, takes over as king immediately. Queen Elizabeth surpassed her great-great grandmother Queen Victoria as the longest-serving British monarch in 2015. She became the world's second-longest reigning monarch this year. Elizabeth Alexandra Mary, Queen, was born on April 21, 1926, at 17 Bruton Street in Mayfair, London, to the Duke and Duchess of York.

**Noted Historian B. Sheik Ali Passes Away :-**

Prominent historian and former Vice-Chancellor of the Universities of Mangalore and Goa, Professor B. Sheik Ali, died in a private hospital in Mysuru after a short illness. He was 97 years old. He was President-General of the Indian History Congress at its 47th Session in 1986 and founding President of the South India History Congress in 1985. A Rajyothsava Prize laureate, Professor Ali served as the first Vice-Chancellor of Mangalore University and the University of Goa in the 1980s. Prof Ali has written a total of 23 books in English and a further eight in Urdu.

**Indian Boxer Birju Sah Passes Away :-**

Birju Sah, an Indian boxer who won bronze medals at both the Commonwealth and Asian Games in 1994, died in Jamshedpur, Jharkhand. He was 48. Birju Sah was the first Indian boxer to win medals at both the Asian and Commonwealth Games. Birju Sah's first major international success came at the age of 19 in the 1993 Asian Junior Championships in Bangkok, Thailand. He took bronze in the light flyweight (45-48kg) division. The Indian boxing federation noticed Birju Sah's success on the continental stage and chose him for the senior national camp.

**Padma Shri Awardee Artist Ram Chandra Manjhi Passes Away :-**

Padma Shri awardee Ramchandra Manjhi, whose performance in the Bhojpuri folk dance 'Naach' for eight decades has contributed to the preservation of the ailing art form, has died after a long illness. He was 97. Bihar Chief Minister Nitish Kumar expressed his condolences on Manjhi's death. "Ramchandra Manjhi's demise is an immeasurable loss to the world of Bhojpuri folk, art, dance and culture. He was a great folk artist. My condolences to his family in this hour of grief" Chief Minister said in a condolence message.



Chief Justice Of India With The Shortest Tenure, Kamal Narain Singh Passes Away :-

Kamal Narain Singh, the former Chief Justice of India, died recently at the age of 95. Justice Narain served as CJI for only 17 days, making him the chief justice with the shortest tenure. He served as India's 22nd Chief Justice from November 25, 1991 to December 12, 1991. Born on December 13, 1926, he began his judicial career in 1970 as an Additional Judge of the Allahabad High Court. In August 1972, he was appointed as a Permanent Judge. From 1991 to 1994, he was also the Chairman of India's 13th Law Commission.



Comedian Raju Srivastava Passes Away At The Age Of 58 :-

At the age of 58, comedian Raju Srivastava died at the All India Institute of Medical Sciences (AIIMS) in Delhi. On August 10, he was admitted to the hospital after collapsing and experiencing chest pain while working out at the gym. Raju Srivastava suffered severe brain damage during the cardiac arrest. The comedian was taken to the hospital after suffering a heart attack and was being treated for it. He has appeared in a number of films, including *Maine Pyar Kiya*, *Baazigar*, *Bombay to Goa*, and *Aamdani Atthanni Kharcha Rupaiya*.



Sanskrit Scholar Padmashree Acharya Ramayatra Shukla Passes Away :-

Prof Acharya Ram Yatna Shukla, a Padma Shri recipient and former President of Kashi Vidwat Parishad, died at the age of 90. Acharya RamYatna Shukla, born on January 15, 1932 in Bhadohi district, Uttar Pradesh (UP), was a Sanskrit grammar scholar who was instrumental in the preservation of ancient and Sanskrit texts. He received over 25 awards, including the Keshav Award, the Vachaspati Award, and the Vishwabharti Award. In 2021, he was awarded the Padma Shri for his outstanding contributions to social work.

13: Ranks & Reports



NITI Aayog Declared Haridwar As The Best Aspirational District In India :-

The NITI Aayog has designated the holy city of Haridwar in Uttarakhand as the best aspirational district based on five criteria, awarding an additional three crore rupees. The letter from NITI Aayog's Aspirational Districts Programme director Rakesh Ranjan to Uttarakhand chief secretary SS Sandhu and Haridwar district collector emphasises that the district has achieved first place in the basic infrastructure theme and is now eligible for an additional allocation of ₹3 crore.



Beijing Tops, Bengaluru 2nd In Asia-Pacific In Tech Hubs :-

According to a Cushman and Wakefield report, Bengaluru ranks second in the Asia Pacific region in terms of top tech hubs, trailing only China's Beijing. The report, titled 'Tech Cities: The Global Intersection of Talent and Real Estate,' investigated 115 different 'tech cities' around the world. After Beijing and Bengaluru, there are three more Indian cities on the list: Chennai, Delhi, and Hyderabad. To assess and evaluate the cities, the study considered factors such as talent, real estate, and business environment.



India Overtakes China And UK To Become World's 10th Largest Life Insurer :-

The life insurance sector grew at a CAGR of 11% from 2017 to 2022 and is expected to grow at a CAGR of 9% over the next five years, according to the latest report tracking the industry's performance by Benori Knowledge, a new-age provider of custom research and analytics solutions. According to the report's findings, India's life insurance penetration rate has increased to 3.2% in December 2021 from 2.8% in December 2019, nearly matching the global average of 3.3%, placing India as the world's tenth largest life insurance market, ahead of China (at 2.4%) and the UK (at 3%).



Bloomberg Billionaires Index: Gautam Adani Becomes World Third Richest Person :-

Gautam Adani has now become the world's third-richest person. It's the first time an Asian has broken into the top-3 of the Bloomberg Billionaires Index, with a net worth of \$137.4 billion. He is now just behind Elon Musk and Jeff Bezos in the global ranking. Telsa CEO Elon Musk has a net worth of \$251 billion, while Amazon founder and CEO Jeff Bezos has a total worth of \$153 billion. Gautam Adani, co-founder and chairman of the Adani Group, has left behind in the ranking business magnate Bernard Arnault, who is the co-founder of luxury fashion chain LVMH Moet Hennessy Louis Vuitton, commonly known as LVMH.



Cybercrime Against Women Up 28% Since 2019 :-

The number of cybercrime incidents in 2021 has increased by 18.4 percent since 2019, but the number of such cases against women has increased by a much steeper 28 percent, according to data released by the National Crime Records Bureau. According to the data, 10,730 (20.2%) of the 52,974 incidents reported in 2021

were cases of crime against women. The top five states were responsible for 61% of all cybercrimes against women. Karnataka had the highest number of cases in 2021, with 2,243, followed by Maharashtra with 1,697 and Uttar Pradesh with 958.



Indian Air Traffic May Grow At 7% Till 2040 Says Boeing :-

According to Boeing, the country's air traffic will grow by 7% per year until 2040, despite challenges such as high fuel prices, rupee depreciation, and low fares. According to Salil Gupte, the aircraft manufacturer's India president, while India's air traffic will grow at a 6.9 percent annual rate until 2040, the Southeast Asian market will grow at a 5.5 percent annual rate. According to Gupte, nearly 23 million people in India travel by train every day, and if just 1% of them switch to aviation, air traffic will double.



SBI Report: India's GDP Growth In Q1 Of FY23 Anticipated To Be 15.7% :-

According to the latest SBI Ecwrap report, India's GDP growth rate in the April-June quarter of the current fiscal is expected to be 15.7 percent due to a low base effect and a consumption boost following the relaxation of Covid restrictions. The economy is progressing despite global spillovers, elevated inflation, and some easing of external demand as geopolitical developments weigh on global trade. The State Bank of India's chief economist has reduced the full-year growth forecast for FY2023 to 6.8 percent from 7.5 percent previously.



UPI Transactions Reached A Record 657 Crore In August :-

After surpassing 600 crore in July, the Unified Payments Interface (UPI) recorded 657 crore transactions in August, a 5% increase over the previous month. In August, the transaction volume surpassed Rs 10.72 lakh crore. In June of this year, nearly 586 crore transactions totaled 10.14 lakh crore. The total transaction volume this year is Rs 77.94 lakh crore, according to data from the National Payments Corporation of India (NPCI). This has already surpassed the previous year's volume.



India Surpasses UK To Become World's 5th Largest Economy :-

India has surpassed the United Kingdom to become the world's fifth-largest economy. Economists and business executives predicted that India's position would improve further in the coming years as the economy expanded. According to the International Monetary Fund (IMF), India will overtake the United Kingdom (UK) to become the world's fifth-largest economy in the fourth quarter of 2021. In terms of dollar size, India's economy is currently behind from only four nations. The United Kingdom is currently sixth, just behind India.



Digital India Mission: Uttar Pradesh Tops In Use Of E-Prosecution Portal :-

With 9.12 million cases, Uttar Pradesh leads the way in terms of case disposition and entry into the e-Prosecution portal managed by the Union government as part of its Digital India Mission. According to data up to the end of August, Madhya Pradesh was second with 2.31 million cases, followed by Bihar with 859,000,

Gujarat with 487,000, and Chhattisgarh with 383,000. With approximately 470,000 entries, UP ranks first in the disposal of online cases on this portal, followed by 170,000 for MP and 125,000 for Gujarat.



UNDP's Human Development Index: India Ranks 132 Out Of 191 Countries :-

According to the latest United Nations Development Programme (UNDP) report, India dropped one rank to 132 out of a total of 191 countries in the human development index (HDI) 2021, with an index value of 0.633. This is the second consecutive drop in the global HDI ranking in the last 30 years. India was ranked 130th out of 189 countries in 2020, with an index value of 0.645. The drop has been attributed to the Covid-19 pandemic, geopolitical crisis, and climate change, which have affected 90% of the countries in the index, causing them to fall in rank.



Retail Inflation Resurges To 7% As Food Prices Increases :-

Retail inflation in India reached 7% in August, up from 6.71% in July, fueled by a 7.62% increase in consumer food prices, despite the fact that industrial production growth in July fell to the lowest level since April, at 2.4%, with output levels falling 2.75% month on month. This is the eighth month in a row that retail inflation has remained above the central bank's upper tolerance threshold of 6% for the economy, and it represents a setback to households' spending power among the poorer sections of the population.



BY Developing 8462 Lakes Under Mission Amrit Sarovar Uttar Pradesh Tops In India :-

Uttar Pradesh has led the way in the implementation of Prime Minister Narendra Modi's ambitious mission to conserve water for the future, having built a total of 8,462 Amrit Sarovars (lakes). In terms of Mission Amrit Sarovar implementation, Madhya Pradesh ranks second, Jammu and Kashmir third, Rajasthan fourth, and Tamil Nadu fifth. Lakhimpur Kheri has secured first place in Uttar Pradesh by constructing 256 Amrit Sarovars.



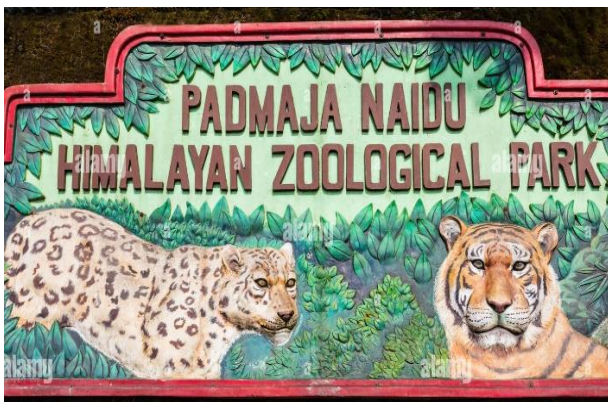
Fitch Cuts India's Economic Growth Forecast For FY23 To 7% :-

Due to the impact of the global economic slowdown, elevated inflation, and tighter monetary policy, global ratings agency Fitch reduced India's GDP growth forecast for 2022-23 to 7% from 7.8% previously. According to the agency's most recent report, growth will slow to 6.7% in 2023-24, down from 7.4% previously. The European gas crisis, high inflation, and a sharp acceleration in global monetary policy tightening are all weighing heavily on economic prospects.



Kantar BrandZ India: TCS Now India's Most Valuable Brand :-

According to the Kantar BrandZ India rankings, India's largest IT company, Tata Consultancy Services (TCS), has become the most valuable Indian brand in 2022. The company climbed two spots in the rankings to take over the number one spot previously held by HDFC Bank since the Kantar BrandZ India ranking was launched in 2014. Kantar, the world's leading marketing data and analytics company, published the Kantar BrandZ Top 75 Most Valuable Indian Brands 2022 report, which values the TCS brand at \$45,519 million, placing the company first.



Padmaja Naidu Himalayan Zoological Park In Darjeeling Recognised As Best Zoo :-

The Padmaja Naidu Himalayan Zoological Park (PNHNP) in Darjeeling, West Bengal, has been named the best zoo in the country, with Kolkata's Alipore Zoological Garden coming in fourth. There are approximately 150 zoos in the country. According to the list, the Arignar Anna Zoological Park in Chennai is second, followed by the Sri Chamarajendra Zoological Gardens in Mysore, Karnataka. PNHNP's top attractions include the Red Panda, as well as the Himalayan Black Bear, Snow Leopard, Goral, and Himalayan Thar.



India Stands 4th In Global Crypto Adoption Index 2022 :-

According to the report 'The 2022 Global Crypto Adoption Index Top 20,' India dropped two places to fourth in crypto adoption rate due to crypto tax and uncertainty about its legal and regulatory status. India was ranked second in Chainalysis' crypto adoption index in 2021, and fourth the previous year. Vietnam is ranked first on the list of 20 countries with the highest cryptocurrency adoption rate, followed by the Philippines and Ukraine in second and third place, respectively.



India Ratings Cuts FY23 GDP Growth Forecast To 6.9% :-

India Ratings reduced its forecast from 7% to 6.9%, joining other institutions in lowering their projections to less than 7% since the release of April-June GDP data. “Despite private final consumption expenditure (PFCE) and gross fixed capital formation (GFCF) growth coming in better than our expectations in Q1, the agency expects the slowdown in the growth of government final consumption expenditure (GFCE) and worsening of net exports to weigh on the FY23 GDP growth,” India Ratings said in a statement.



Recession Unlikely To Hit India: S&P :-

S&P Global Ratings said that while the US and the Eurozone are in recession, India is unlikely to be affected because its economy is "not so coupled" with the global economy. S&P global chief economist and managing director Paul F Gruenwald told reporters in a statement that India was never fully integrated into the global economy and thus is relatively independent of global markets, adding that a lot depends on how global fund flows behave if the US and Europe experience a recession.

14: Schemes & Committees



Professor Ananth Narayan Gopalakrishnan Appointed As SEBI Whole-Time Member :-

The Appointments Committee of Cabinet (ACC) has appointed Ananth Narayan Gopalakrishnan, an associate professor at the SP Jain Institute of Management and Research (SPJIMR), to the Securities and Exchange Board of India (SEBI) as a full-time member. According to an executive order issued by the Department of Personnel and Training, he will serve for three years from the date he takes over the post or until further orders, whichever comes first. With this appointment, Gopalakrishnan becomes SEBI's fourth full-time member.



Niti Aayog

नीति आयोग

National Institution for Transforming India

NITI Aayog To Establish 500 Atal Tinkering Labs In J&K :-

More than 500 Atal Tinkering Labs (ATLs) will be established in Jammu and Kashmir by the Atal Innovation Mission (AIM) and NITI Aayog to foster an innovative mindset among high school students. ATL is the Center's flagship initiative to foster an innovative mindset among high school students across India. The AIM's goals are to build and promote an ecosystem of innovation and entrepreneurship throughout the country through interventions at the school, university, research institution, MSME, and industry levels.



Uttarakhand CM Launched 'CM Udyman Khiladi Unnayan Yojana' :-

In a programme commemorating National Sports Day, Chief Minister Pushkar Singh Dhami launched the "CM Udyman Khiladi Unnayan Yojana." Many announcements have been made on this occasion to upgrade the state's players on this occasion. He stated that due to the Sports Department's shortage of sports trainers, 08-08 departmental sports trainers will be

appointed for each district. The Chief Minister Sports Development Fund will be established in order to provide financial benefits to students in accordance with accelerated rules.



Delhi Chief Minister Kejriwal Launched Virtual School :-

Chief Minister Arvind Kejriwal unveiled the Delhi Model Virtual School, the country's first, and promised "revolutionary changes" in education not only in the national capital but throughout the country. The school will cater to students in grades IX through XII and will be affiliated with the Delhi Board of School Education. According to the CM, the platform will also provide students with access to a massive digital library, with content available 24x7. He stated that in addition to regular online classes, students in grades 11 and 12 will receive coaching for competitive exams such as JEE and NEET.



Rajasthan Govt Introduce 'Mahila Nidhi' To Help Women Entrepreneurs :-

Rajasthan Chief Minister Ashok Gehlot launched the 'Mahila Nidhi' women-only loan scheme to ensure easy loans for women in business. The loan scheme's central theme is women's social and economic development through credit. Gehlot stated that the government announced the 'Mahila Nidhi' scheme through the Rajasthan Rural Livelihood Development Council in the budget 2022-23. Apart from their daily needs, the scheme was launched to ensure that women have access to credit for business expansion and new ventures.



Tamil Nadu Government Launched “Pudhumai Penn Scheme” For Girl Students :-

The Tamil Nadu government recently established 26 schools of excellence and 15 model schools, as well as the Pudhumai Penn Scheme, a monthly financial assistance scheme for female undergraduate students. New schools inspired by smart classrooms in Delhi were inaugurated by Delhi Chief Minister Arvind Kejriwal and state Chief Minister M K Stalin. The 'Pudhumai Penn Scheme' provides female students with a monthly grant of Rs 1,000 to pursue a bachelor's degree, diploma, ITI, or any other recognised course.



President Droupadi Murmu Launched ‘TB Mukta Bharat Abhiyaan’ :-

President Droupadi Murmu has stated that tuberculosis elimination is dependent on Jan Bhagidari. The President was speaking after virtually launching the Pradhan Mantri TB Mukta Bharat Abhiyaan, which aims to re-energize the country's TB elimination mission by 2025. She urged people not to be afraid to come forward and assist in the early detection and elimination of tuberculosis. She stated that under the world's largest Aushman Yojana, the wellness centres have been specifically designed to work toward Tuberculosis eradication.



Rajasthan Launched 100 Days Urban Employment Guarantee Scheme :-

Rajasthan Chief Minister Ashok Gehlot has launched the 'Indira Gandhi Urban Employment Scheme,' which will provide 100 days of employment to urban families each year. Gehlot described the programme as a "historic initiative" when it was launched at a state-level event in Ambedkar Bhawan. He went on to say that the new scheme was inspired by MGNREGA, which was launched during the UPA government's tenure to create jobs in rural areas across the country. He went on to say that MGNREGA was a godsend during the employment crisis that followed the Covid-19 pandemic.



Odisha Govt Launched Rainwater Harvesting Scheme Named ‘CHHATA’ :-

The Odisha government plans to launch the Community Harnessing and Harvesting Rainwater Artificially from Terrace to Aquifer (CHHATA) scheme next month, with the goal of revitalising groundwater resources and improving water table. Last month, the Cabinet approved the new scheme. It will be implemented for a five-year period. The scheme will work to conserve rainwater and improve water quality in urban local bodies (ULBs) and water-scarce areas.

Gujarat CM Bhupendra Patel Announces First-Ever Cinematic Tourism Policy 2022-2027 :-

In Ahmedabad, the Gujarat government unveiled the first ever Cinematic Tourism Policy. From 2022 to 2027, the policy will be in effect for five years. Chief Minister Bhupendra Patel announced the policy, saying it will help strengthen the state's film infrastructure. It will also bring all of the filmmaking service providers together on one platform, boosting tourism in the state, he added. This scheme aims to promote cinematic tourism in Gujarat by developing film infrastructure and creating appealing opportunities for cinema.



Sikkim Government Hikes Minimum Wage By 67% :-

The government of Sikkim recently increased the minimum wage for unskilled workers by 67% to Rs 500. According to Labour Minister Lok Nath Sharma, the daily wage for unskilled workers has been raised from Rs 300 to Rs 500 with retroactive effect from July 11, 2022. He stated that the daily wage for semi-skilled workers has been increased to Rs 520 from Rs 320, while skilled workers will receive Rs 535 instead of Rs 335 previously. Highly skilled workers will now be paid Rs 565 per day instead of Rs 365, according to Sharma.



15: Science & Technology



AirAsia India Becomes The First Airline To Use CAE's AI Training System :-

CAE and AirAsia India have announced a partnership to integrate the CAE Rise Training System into the airline's simulator training programme. AirAsia India is the first airline in India to use CAE Rise for data-driven training. CAE Rise uses analytics to improve training quality by providing real-time data during training sessions and providing instructors with insights that allow them to objectively assess a pilot's technical competencies and performance. AirAsia and CAE have been collaborating on pilot training at CAE network training centres since 2014.



Indian Railway Installed 'Meghdoot' Machines At Mumbai Stations :-

The Central Railways installed Meghdoot atmospheric water generators (AWG) in six Mumbai railway stations. The machines will extract water directly from the air, and

commuters will be able to refill their bottles for Rs 12 per litre and Rs 8 for 500 ml. The Railways installed 17 kiosks at six major stations, including five at CSMT and Dadar, four at Thane, and one at Kurla, Ghatkopar, and Vikhroli. Maithri Aquatech, a Hyderabad-based start-up, designed and manufactured the machine.



Jammu And Kashmir Police Launched Online Mobile App 'JK Ecop' :-

In Jammu and Kashmir, the J&K Police Department has launched an online mobile application called "JK Ecop," which provides a simple interface to help the general public. According to media, the Mobile App allows citizens to use a variety of services ranging from filing a complaint to downloading a copy of the FIR. Through this Mobile App, a citizen can make requests such as obtaining a character certificate, employee verification, event performance, or tenant or PG verification. This portal can also provide information about missing people and unidentified dead bodies, among other things.



India's First Vaccine Against Cervical Cancer Launched :-

Cervavac, the first quadrivalent HPV vaccine developed in India for cervical cancer prevention will be available in a few months. Jitendra Singh, Union Minister of State for Science and Technology, announced the vaccine's scientific completion. This means that the vaccine's research and development are finished, and the next step is to make it available to the public. Singh stated at the event that COVID-19 has raised awareness about preventive healthcare, which has led to the development of vaccines such as the one against cervical cancer.



5 PSLV Rockets To Be Built By HAL-L&T Under A Rs. 860 Billion Contract :-

Hindustan Aeronautics Limited and L&T have won a Rs 860 crore contract from NewSpace India Limited (NSIL) to build five Polar Satellite Launch Vehicle (PSLV) rockets over a four-year period. According to an official statement, the contract was signed by HAL and NSIL during the opening session of the 7th Bengaluru Space Expo 2022 at the Bangalore International Exhibition Centre (BIEC). Following a techno-commercial evaluation of three bids, the HAL-L&T consortium emerged as the technically qualified to undertake PSLV end-to-end production.

NASA's Experiment MOXIE Successfully Creates Oxygen On Mars :-

A lunchbox-sized instrument has successfully generated breathable oxygen on Mars, equivalent to the work of a small tree. The Mars oxygen in-situ resource utilisation experiment, or Moxie, has been successfully producing oxygen from the red planet's carbon dioxide-rich atmosphere since February of last year. Researchers propose that a scaled-up version of Moxie be sent to Mars to continuously produce oxygen at the rate of hundreds of trees, ahead of humans visiting the planet.



Agnikul Cosmos Secured First Patent For 3D-Printed Rocket Engine :-

Agnikul Cosmos, a homegrown space tech start-up, announced that the Government of India has granted it a patent for the design and manufacture of its single-piece rocket engines. The IIT Madras-based start-up

stated in a press release that one such single piece engine, 'Agnilet,' is the world's first single-piece 3D printed rocket engine fully designed and manufactured in India, and was successfully tested-fired in early 2021. Agnilet was designed in such a way that it encapsulates all of these into a single piece of hardware with no assembled parts.



Qimingxing-50: China's First Fully Solar-Powered Unmanned Aerial Vehicle(UAV) :-

China has successfully tested its first fully solar-powered unmanned aerial vehicle (UAV) capable of flying for months and even acting as a satellite if necessary. The maiden flight of Qimingxing-50 has been completed, making it the first large-sized UAV powered solely by solar energy, according to a tweet from a Chinese government official. According to the South China Morning Post, the drone took off at 5.50 p.m. on September 3 from an airport in the northwestern Chinese province of Shaanxi and flew for about 26 minutes before landing safely at 6:16 p.m.



Hughes, ISRO Have Launched A Satellite Internet Service :-

To connect the remotest corners of India, Indian Space Research Organization (ISRO) and Hughes Communications India (HCI) have officially launched India's first High Throughput Satellite (HTS) broadband internet service, ushering in a new era in the country's internet services. The broadband satellite provider uses Ku-band capacity from ISRO's GSAT-11 and GSAT-29 satellites to provide high-speed broadband service across India, from the mighty Himalayas of Leh and Ladakh to dense forests of the Northeast.



Indore To Become The Country's First 'Smart City' With 'Smart Addresses' :-

This year, Indore will make history by becoming the first city in India to implement a fully digital addressing system. When a memorandum of understanding was signed with the firm Pataa Navigations, the smart city advanced significantly. Rajat Jain, co-founder of Pataa Navigations, and Rishav Gupta (IAS), CEO of Indore Smart City, have signed the Memorandum of Understanding. Pataa has developed patented technology and is collaborating with the Indian Space Research Organization (ISRO) to create a national digital addressing system.



World's First Cloned Arctic Wolf In China :-

Sinogene Biotechnology, based in Beijing, has successfully cloned a wild Arctic wolf for the first time in the world. The cloning of the Arctic wolf, also known as the white wolf or polar wolf, which is native to Canada's Queen Elizabeth Islands' High Arctic tundra, is regarded as a watershed moment in the conservation of rare and endangered species through cloning technology. The wolf named Maya, according to the company, is in good health. The company showed videos of Maya playing and resting during a press conference.



Dharmendra Pradhan Introduces SCALE App To Advance Leather Industry Skills :-

Dharmendra Pradhan, Union Minister for Education and Skill Development, has launched the Skill Certification Assessment for Leather Employees (SCALE) app, which aims to provide a one-stop solution for the leather industry's skilling, learning, assessment, and employment needs. The app was unveiled at Chennai's Central Leather Research Institute (CSIR). The leather skill sector council, according to the official statement, developed the android app SCALE to change the way skill development programmes are designed and delivered to trainees in the leather industry.



Delhi Police Became First Force To Make Collection Of Forensic Evidence Mandatory :-



Nagaland Prison Department Introduced Mobile Attendance Application :-

Nagaland Prison Department goes digital with the introduction of a mobile attendance app for prison staff. H. Haiying, Advisor for Prisons, Printing, and Stationery, launched the Prison Staff Attendance App at the District Jail Kohima. The State Prison Department developed the mobile app in collaboration with Excellogics Technology Solution Private Limited. The Prison Staff Attendance is a mobile app and admin portal that aims to provide a comprehensive attendance management system that can simplify processes.

16: Sports



Virat Kohli Becomes 1st Indian To Play 100 Matches In Each Format :-

Former captain Virat Kohli recently achieved another milestone by being named to India's playing XI for the highly anticipated Asia Cup 2022 match against Pakistan. Kohli is the first Indian and only the second player in international cricket history to have played 100 matches in all three formats. Kohli has now played 100 T20Is, 102 Tests, and 262 ODIs since making his international debut in August 2008. New Zealand batter Ross Taylor, who retired from international cricket in April of this year, was the first to do so.



Rohit Sharma Overtakes Martin Guptill To Become Leading Run-Scorer In T20 :-

India captain Rohit Sharma surpassed Martin Guptill of New Zealand to become the T20I format's leading run-scorer. Guptill had a few good innings during New Zealand's tour of Europe, which put him at the top of the list heading into this game. Guptill (3497 runs) is now 10 runs behind of Rohit in the run tally and will have to play catch up against the batter with four centuries. Guptill had a few good innings during New Zealand's tour of Europe, which put him at the top of the list heading into this game.



Satwiksairaj-Chirag Claims First Medal For India In Badminton World Championship :-

Satwiksairaj Rankireddy and Chirag Shetty of India won a historic bronze medal in the men's doubles competition at the World Championships in Tokyo, becoming the first Indian pair to do so. The Indian pair, ranked seventh in the world, defeated Japan's Takuro Hoki and Yugo Kobayashi in the quarterfinals. In an hour and 15 minutes, they outwitted the locals and defending champions 24-22 15-21 21-14 to win their first medal at the prestigious tournament.



Viktor Axelsen Clinched 2022 BWF World Championships Singles Title :-

Viktor Axelsen of Denmark won his second badminton world title in Tokyo, defeating Thailand's Kunlavut Vitidsarn 21-5, 21-16. Axelsen, who has only lost one singles match this season, was too strong for Vitidsarn, a 21-year-old rising star who was blown away in the first game. Axelsen, who won Olympic gold last year, also won

the world title in 2017 in Glasgow. Vitidsarn, a three-time junior world champion, was bidding to become Thailand's first-ever senior men's singles world champion.



England's James Anderson Becomes Most Successful Pacer In International Cricket :-

James Anderson has become the most successful pace bowler in international cricket history. This feat was accomplished by the 40-year-old ageless pace legend during the second Test against South Africa at Manchester's Old Trafford. Anderson achieved this feat by dismissing Simon Harmer for 16 off 48 balls. He has now surpassed Glenn McGrath's (949 wickets) record to become the sport's leading pacer. Anderson has taken 951 wickets in 287 matches. He is also the fourth most successful bowler in international cricket history, having surpassed McGrath.



Amlan Borgohain Breaks 100m National Record At All India Railway C'ships :-

Amlan Borgohain recently became India's fastest sprinter, clocking a time of 10.25 seconds in the 100m at the All India Inter Railways Athletics Championships in Raebareli. Amiya Mallick, who set the national record for the 100-metre race in 2016 with a time of 10.26 seconds, was beaten by the 24-year-old. The Northeast Frontier Railways tweeted about Amlan's victory in the 87th AIR Athletics Championship. Amlan's previous best in the 100m was 10.34 seconds, which he achieved at the National Open in Warangal last year.



Apeksha Fernandes Becomes 1st Indian Woman To Reach WJS Championships Final :-

Apeksha Fernandes, the first Indian woman to reach the final of the World Junior Swimming Championships, finished eighth in the 200m women's butterfly summit clash in Lima, Peru. In the heats, Fernandes had rewritten her own 'Best Indian Time' of 2:18.18 to qualify for the final, the first Indian woman to do so in the world meet. Her previous best was 2:18.39 set in June which is awaiting ratification by the Swimming Federation of India. In swimming, a timing is considered a national record only when it has been achieved at the National Aquatics Championships.



Neeraj becomes 1st Indian to win Diamond League title with 88.44m throw :-

Neeraj Chopra on Thursday, September 8 became the first Indian to win the Dimond Trophy, the prestigious title in the finale of the Diamond League series in men's javelin. The 24-year-old, the Olympic champion from Tokyo, threw 88.44m to finish on the top step of the podium. Neeraj then threw 88.00m in his 3rd attempt, 86.11m in his 4th attempt and 87.00m in his 5th and 83.60m in his final attempt. Neeraj finished ahead of Czech Republic's Jakub Vadlejch and Germany's Julian Webber to script history.



Carlos Alcaraz Wins US Open Title & Rises To World No. 1:-

Carlos Alcaraz from Spain beats Casper Ruud to clinch his first Grand Slam trophy and secure the No. 1 Pepperstone ATP Ranking. The 19-year-old played

aggressively to earn his 51st tour-level win of the season after three hours and 20 minutes. The 19-year-old has become the youngest Grand Slam champion since countryman Rafael Nadal, 19, lifted the trophy at Roland Garros in 2005, while he is the youngest US Open titlist since Pete Sampras, 19, in 1990.



Sri Lanka won Asia Cup T20 by defeating Pakistan :-

A brilliant performance from Sri Lanka helped them beat Pakistan by 23 runs to win the 2022 edition of the Asia Cup. Pramod Madushan and Wanindu Hasaranga shared seven wickets between them as Sri Lanka beat Pakistan by 23 runs to win their sixth Asia Cup title on Sunday. Chasing 171 for victory, Pakistan were bowled out for 147 with Madushan claiming four wickets and Hasaranga taking 3-27 in Dubai. Bhanuka Rajapaksa had smashed an unbeaten 71 to lift Sri Lanka to 170/6 from a precarious 58/5 after being put in to bat by Pakistan.



Leh In Ladakh All Set To Host First-Ever Mountain Bicycle World Cup :-

In Ladakh, Leh town is all set to host the first-ever Mountain Bicycle, MTB, World Cup - the 'UCI MTB Eliminator World Cup in India. Ladakh Police in collaboration with the Administration of Union Territory of Ladakh, the Cycling Association of India are organizing this International Cycling event in Leh town. According to the official reports the Ladakh leg of the Eliminator world cup is part of a series of ten professional races held in various cities across the world.



F1 GP-2022: Max Verstappen Won Dutch F1 Grand Prix 2022 :-

Max Verstappen won his home race at the Dutch Grand Prix to continue his dominance of the 2022 Formula One season. It represents the fourth straight win for Verstappen, who now has 10 victories in 15 races this season. He has now won a total of 30 races. The Formula One championship leader prevailed in a chaotic race, four seconds ahead of Mercedes' George Russell. Mercedes' George Russell & Ferrari's Charles Leclerc came at the 2nd and 3rd positions respectively.



Indian GM Aravindh Chithambaram Wins Dubai Open Chess Tournament :-

Grandmaster Aravindh Chithambaram emerged champion in the 22nd Dubai Open chess tournament, with 7.5 points as seven Indians finished in the top 10 with R Praggnanandhaa sharing second spot with five others. The 22-year-olds, Chithambaram and Praggnanandhaa, settled for a draw in the ninth and final round, which enabled the former to finish with seven points, half a point ahead of the rest of the field. His victories included those against Rinat Jumabayev and in-form compatriot, Arjun Erigaisi.



Vinesh Phogat Wins Bronze In World Wrestling Championships :-

Vinesh Phogat became the first Indian woman wrestler to win two medals at the World Championships after defeating Emma Jonna Malmgren of Sweden in the 53kg final. Vinesh, 28, also won bronze in the 2019 edition in Nur-Sultan, Kazakhstan. Vinesh made an incredible comeback after losing in the first round, defeating Malmgren 8-0 in the bronze medal round. She advanced to the bronze play-off via the repechage round after losing to Mongolia's Khulan Batkhuyag, the silver medalist at the 2022 Asian Championships.



Sikandar Raza And Tahlia McGrath Named As ICC Player Of The Month Award For August 2022 :-

Sikandar Raza of Zimbabwe and all-rounder Tahlia McGrath of Australia have been named the winners of the ICC Player of the Month award for August 2022 in their respective categories. Raza is the first Zimbabwe International to receive the award, and he has been instrumental in Zimbabwe's success this month. Meanwhile, McGrath has been an important cog in the Australian team's journey throughout August. Raza has performed admirably at the 22-yard line. In the home ODI series, he scored centuries against Bangladesh and India and also took a few wickets.



15 Year Old Pranav Anand Becomes India's 76th Chess Grandmaster :-

Pranav Anand of Bengaluru became India's 76th Grandmaster after passing the 2,500 Elo mark at the World Youth Chess Championship in Mamaia, Romania. The 15-year-old earned the title after meeting all of the other requirements for GM. He defeated France's Augustin Droin to win the U-14 Open with 9 points from 11 rounds, just a day after becoming India's 76th Grandmaster. He earned his previous two GM norms earlier this year, at the Sitges Open in January and the Vezerkepso GM Round Robin in March.



Sunil Chhetri-Led Bengaluru FC Won Maiden Durand Cup Title :-

In the final of the Durand Cup 2022, Chhetri's Bengaluru FC defeated Mumbai City FC to win the prestigious trophy at the iconic Salt Lake Stadium. Chhetri is without a doubt one of the most successful players in Indian football, and with the Durand Cup trophy in his cabinet, he has now taken his career to the next level. He has played 129 games for India. His goal scoring record in the Indian jersey is among the best in the world, and he currently ranks third among active footballers with 84 international goals.



World Wrestling Championships 2022: Bajrang Punia Won Bronze Medal :-

On the final day of the World Wrestling Championships 2022 in Belgrade, Serbia, Indian wrestler Bajrang Punia won a bronze medal in the men's 65kg category. Wrestling with a bandage on his head due to an injury sustained during the pre-quarter-finals, Bajrang Punia battled back from 6-0 down to defeat Puerto Rico's Sebastian Rivera, a Pan-American Championships silver

medalist. With silver in 2018 and bronze medals in 2013 and 2019, Bajrang Punia was already India's most successful wrestler at the world championships.



Czech Republic's Linda Fruhvirtova Won Chennai Open 2022 Title :-

Linda Fruhvirtova, 17, of the Czech Republic, won the Chennai Open 2022 WTA 250 tennis singles with a stunning comeback. In the final, the teenager defeated Poland's third seed, Magda Linette. She is the season's youngest WTA Tour champion, having turned 17 years and 141 days old. The top-seeded pair of Brazil's Luisa Stefani and Canada's Gabriela Dabrowski won the doubles final 6-2, 6-1 over Russian Tennis Federation's Anna Blinkova and Georgia's Natela Dzalamidze.



India First MotoGP To Be Held In Noida's Buddh Circuit In 2023 :-

Moto GP, the premier motorcycle racing event, will be held in India for the first time next year at the Buddh International Circuit in Greater Noida. According to Pushkar Nath, Chief Operating Officer of Noida-based race promoters Fairstreet Sports, the ticket price will be "very much affordable" because the event should be accessible to everyone while maintaining its exclusivity. Dorna Sports, which owns the commercial rights to MotoGP, has signed an agreement with Fairstreet Sports to hold the championship in India for the next seven years, he told reporters.

Veteran Swimmer Elvis Ali Becomes The Oldest Indian To Cross North Channel :-

Elvis Ali Hazarika, a veteran Assamese swimmer, has become the first person from North East (India) to cross

the North Channel. The North Channel connects north-eastern Northern Ireland to south-western Scotland. Elvis and his team completed the feat in 14 hours and 38 minutes. Elvis is now the oldest Indian swimmer to cross the North Channel. Elvis will also be the first Assamese to swim from Dharamtar Jetty to the Arabian Sea, the Gateway of India, in November 2021. It is approximately 38 kilometres long.



17: State



ADB to provide \$96.3-mn loan to improve water supply in Himachal Pradesh :-

The Asian Development Bank (ADB) will lend USD 96.3 million (approximately Rs 769 crore) to Himachal Pradesh for a project to provide safe drinking water and improve water supply and sanitation services. The multilateral lending agency and the central government signed an agreement in this regard. The finance ministry stated in a release that while more than 90% of the state's rural population has access to drinking water, the

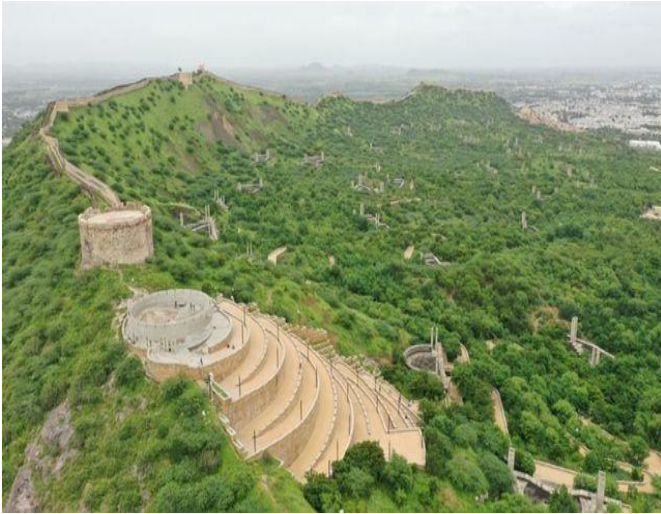
water supply infrastructure needs to be revamped for efficiency and improved service quality.



UP Govt To Develop Kannauj Into Tourist Destination :-

The government of Uttar Pradesh has decided to promote Kannauj as a perfume tourism destination. The state government has decided to hold an international perfume fair in Kannauj in December to boost the perfume industry. "The perfume of Kannauj comes under

the 'One District, One Product' initiative and has demand in the international market. To promote the perfume industry, the perfume park will be functional by November 15" said additional chief secretary, MSME and export promotion, U.P., Navneet Sehgal.



PM Narendra Modi Dedicates India's First Earthquake Memorial :-

Smruti Van, India's first earthquake memorial, was dedicated by Prime Minister Narendra Modi in Bhuj, Gujarat. Smruti Van is a one-of-a-kind memorial that bears the names of over 12,000 people who died in the devastating earthquake that struck here in January 2001. This unique memorial spans 470 acres and is situated atop Bhujiyo hill. Visitors will be able to experience earthquake tremors firsthand thanks to the earthquake simulator. Gujarat Chief Minister Bhupendra Patel and State BJP President C. R. Patil attended the event.



World's Largest Religious Monument To Open In West Bengal :-

In India, one of the world's largest religious structures is about to open. In Mayapur, West Bengal, the Temple of Vedic Planetarium is set to open. The temple will be larger than both the Vatican's St. Paul's Cathedral and Agra's Taj Mahal. The temple will also be home to the International Society of Krishna Consciousness (ISKON), as well as the largest dome in the world. The temple's construction began in 2010 and has a budget of \$100 million. It will be able to accommodate nearly 10,000 people.



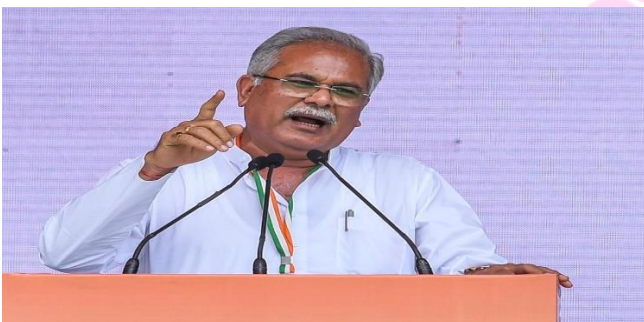
Alappuzha Declared As The Fifth Full Digital Banking District :-

Alappuzha has become Kerala's fifth fully digital banking district. Recently, Reserve Bank of India (RBI) Kerala and Lakshadweep Regional Director Thomas Mathew made a statement in this regard. As part of the initiative, at least one digital transaction facility, such as a debit-credit card, Internet banking, mobile banking, unified payment interface, and so on, has been enabled in 26 lakh savings/current bank accounts in 29 banks throughout the district. Banking services have already gone digital in Thrissur, Kottayam, Palakkad, and Kasaragod.



The Gujarat CM signs announces a policy on cinematic tourism :-

At an event in Gandhinagar, Gujarat Chief Minister Bhupendra Patel unveiled the state's first cinematic tourism policy. The event saw the signing of Memoranda of Understanding (MoUs) worth \$1,020 crore between groups and individuals and the department for the advancement of film infrastructure and production. The chief minister emphasised his belief that by establishing an independent Gujarat, this policy will benefit an independent India.



CM Baghel inaugurates two more districts, bringing the total to 33 in Chhattisgarh :-

Manendragarh-Chirmiri-Bharatpur and Sakti were formally established as the 32nd and 33rd districts of the state by Chhattisgarh Chief Minister Bhupesh Baghel, an official said. According to him, Manendragarh-Chirmiri-Bharatpur has been separated from Koriya district while Sakti has been divided from Janjgir-Champa. The chief

minister claimed that efforts to establish Manendragarh as a district have been ongoing for a while.



UP: Bhartaul Becomes First Village In State To Have RO Water In Every Household :-

As part of the Adarsh Gram Panchayat initiative, a village in the Bareilly district has become the first in Uttar Pradesh to have RO water in every household. The Bhartaul village has up to four RO plants to ensure that everyone has access to safe drinking water. The authorities intend to establish more ROs in the near future. According to village head Pravesh Kumari, "till now, four ROs have been installed and more will be set up. Our village has all the facilities". Chief Development Officer (CDO), Bareilly, Jag Pravesh said that the move will save people from water-borne diseases.



Tripura Sets Up The India's First Bio-Village :-

Tripura's government has established India's first Bio-Village in Daspara village. The state government's Bio Village 2.0 concept has been recognised as one of the best practises for achieving sustainable development goals. The Directorate of Bio-Technology, part of the

Science and Technology department, established the bio-villages in Tripura. Tripura Deputy Chief Minister Jishnu Dev Varma recently visited the Daspara Bio-Village and congratulated the village's developers on establishing the ecological marvel.



In UP's Farrukhabad, 'Jail Ka Khana' Gets 5-Star FSSAI Rating :-

The Food Safety Standards Authority of India (FSSAI) recently awarded the Fatehgarh Central Jail in Uttar Pradesh's Farrukhabad district a five-star rating for the quality of food served to inmates. The FSSAI-accredited third-party audit awarded the jail the five-star 'Eat Right Certificate.' It is a recognition of food quality and hygiene, implying that inmates receive high-quality food prepared in jail. According to District Magistrate Sanjay Kumar Singh, the FSSAI's 'Eat Right' accreditation showed that 1,100 inmates were fed clean and nutritious meals.



Bihar CM Inaugurated India's Longest Rubber Dam On Falgu River :-

Bihar Chief Minister Nitish Kumar has inaugurated India's longest rubber dam, the 'Gayaji Dam,' on the Falgu river, as well as a steel foot over bridge for the convenience of visitors who come to pay homage to their ancestors during the Pitripaksha Mela. "Now, the second major step will be to ensure Ganga water in Gaya and store it here all through the year. Ganga water has reached up to Rajgir and it should reach Gaya by year-end," chief minister Nitish Kumar added, thanking water resources minister Sanjay Kumar Jha and his team for completing the project.



Sikkim To Host 3 Ranji Trophy Matches For The First Time :-

The Himalayan state of Sikkim will host Ranji Trophy matches for the first time in history during the upcoming season. Sikkim will host up to three Ranji Trophy games. Sikkim will host three other Northeast Ranji teams: Manipur, Mizoram, and Arunachal Pradesh. The games will be held at the mining cricket ground near Rangpo, Sikkim. The decision of the Board of Control for Cricket in India (BCCI) to allow Sikkim to host Ranji Trophy matches has been regarded as critical for the promotion of the gentlemen's game in the Himalayan state.



National Maritime Heritage Complex To Be Built In Gujarat :-

The Ministry of Ports, Shipping, and Waterways is spending three thousand five hundred crores rupees to build the National Maritime Heritage Complex in the historic Indus Valley civilisation region of Lothal in Gujarat. This centre, a first-of-its-kind in the country, will highlight India's rich and diverse maritime heritage. Prime Minister Narendra Modi laid the groundwork for this project. The completion of Phase 1A of this project is scheduled for March 2024.



World's Largest Museum Of Harappan Culture Is Coming Up In Rakhigarhi, Haryana :-

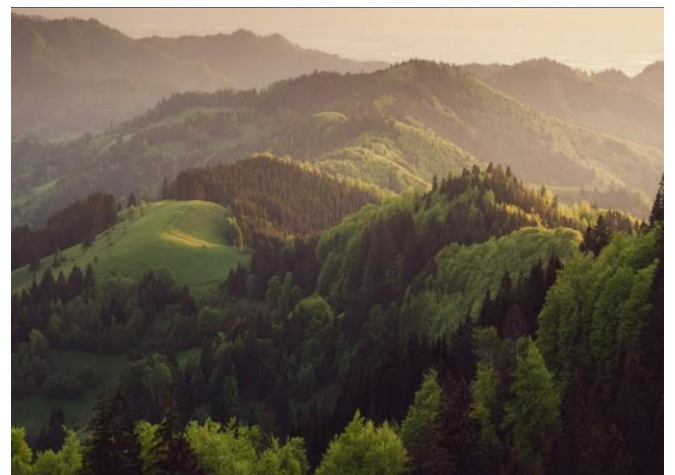
Haryana is set to host the world's largest museum dedicated to Harappan culture. Rakhigarhi is a village in Haryana's Hisar district, about 150 kilometres from Delhi. The village is also a well-known archaeological site from the period of the Indus Valley civilisation. From 2600 to 1900 BC, Rakhigarhi was a part of the Indus Valley Civilisation. Not only that, but the site was one of the

ancient civilisation's largest settlements, located in the Ghaggar-Hakra River plain. However, the site remains largely unexcavated, with only about 5% of the village excavated to date.



Jharkhand Becomes The 3rd State To Have Food Security Atlas:-

Jharkhand became the third state in eastern India, following Bihar and Odisha, to have a Food Security Atlas prepared by the Delhi-based Institute for Human Development (IHD) as part of the Indira Gandhi Institute of Development Research (IGIDR), Mumbai. Noted economist S. Mahendra Dev said: "This Atlas has been prepared by the IHD as part of the research initiative 'System of Promoting Appropriate National Dynamism for Agriculture and Nutrition (SPANDAN)' with support from a grant from the Bill and Melinda Gates Foundation."



India's First Forest University To Established In Telangana :-

Telangana's government has decided to develop Forest College and Research Institute (FCRI) into a world-class forestry, education, research, extension, and outreach institution. According to officials, it has been proposed to convert FCRI Hyderabad into a full-fledged university for this purpose. The University of Forestry will focus on producing qualified forestry professionals for forest resource conservation and sustainable management. Only Russia and China have universities dedicated to forests.



New Telangana Secretariat Complex To Be Named After B.R. Ambedkar :-

The Telangana government has decided to name the new Secretariat complex under construction here after B.R. Ambedkar, the father of the Constitution. According to a release from the Chief Minister's Office, Chief Minister K. Chandrasekhar Rao has directed Chief Secretary Somesh Kumar to take the necessary steps in the matter. According to Mr. Rao, giving Dr. Ambedkar's name to the seat of power in the State is a source of pride for the people. The decision set an example for the rest of the country.



India's 1st Lithium-Ion Cell Factory Inaugurated In Andhra Pradesh :-

Rajeev Chandrasekhar, Minister of State for Electronics and Information Technology, has inaugurated the pre-production run of India's first lithium cell manufacturing facility in Tirupati, Andhra Pradesh. Munoth Industries Limited, based in Chennai, spent Rs 165 crores to build this cutting-edge facility. The plant currently has a capacity of 270 Mwh and can produce 20,000 cells of 10Ah capacity per day. These cells are used in power banks, and their capacity is approximately 60% of India's current requirement.



CM Of Manipur N. Biren Singh Introduce Web Portal 'CM Da Haisi' :-

In Manipur, Chief Minister N. Biren Singh launched a web portal in Imphal to receive public complaints and grievances. The web portal is called 'CM Da Haisi' (Inform to CM), and the public can use it to file complaints by logging on to the website. Complainants can also track the progress of their complaints. The Public Grievances

Redressal and Anti-Corruption Cell, based at the CM Secretariat, will use the portal to communicate with the relevant departments in order to resolve public grievances within a reasonable time frame.



Maharashtra's Daulatabad Fort To Be Renamed As 'Devgiri' Fort :-

The Daulatabad Fort in the Aurangabad district will be renamed Devgiri Fort, while Aurangabad will be renamed Sambhaji Nagar. The Daulatabad Fort, also known as Devagiri or Deogiri, is located in the Aurangabad district of Maharashtra and is one of the finest forts in the Marathwada region. It is impregnable by military standards. It was previously known as Deogiri, which means 'Hill of Gods,' but it was renamed Daulatabad, which means 'The Abode of Wealth.' In the sixth century, the town was on one of the caravan routes.



Maharashtra To Establish An Institution Similar To NITI Aayog :-

According to Deputy Chief Minister Devendra Fadnavis, Maharashtra will establish an institute similar to Niti Aayog to conduct comprehensive data analysis and make informed decisions in various sectors. Mr Fadnavis stated that the institute would be known as the Maharashtra Institution for Transformation (MITRA), and that it would be "which will be another milestone in the journey of fostering cooperative federalism under the leadership of Prime Minister Narendra Modi". "We look forward to this new beginning and to working collaboratively with team NITI Aayog," he added.



Bihar Govt Is Set To Introduce 'No-Bag Day' In Schools :-

According to an official, the Bihar government plans to implement a "no-bag day" rule in schools as well as a mandatory games period at least once a week to reduce the burden on students. Dipak Kumar Singh, Additional Chief Secretary of the Education Department, stated that a notification will be issued soon. He stated that the weekly "no-bag day" will include task-based practical classes. "At least once a week, students will come to schools only with their lunch boxes. They do not need to carry books. The day will be devoted to practical and experiential learning," he said.

18: Summits & Conferences



8th India-Brazil Joint Commission Meeting held in Brasilia :-

Dr. S. Jaishankar, External Affairs Minister, co-chaired the 8th India-Brazil Joint Commission Meeting in Brasilia with his Brazilian counterpart Carlos França. Trade and investments, petroleum, biofuels, edible oils and minerals, health, pharma, traditional medicine, Science and Technology, agriculture and livestock, space, defense, counter-terrorism, and consular domains were all covered in depth. Following the meeting, agreements in the fields of broadcasting and taxation were signed.



Ministry Of Education Hosted The Smart India Hackathon-2022 :-

The Indian Institute of Technology Guwahati, in collaboration with the Ministry of Education, successfully

hosted the Grand Finale of the Smart India Hackathon (SIH) 2022 on August 25, 2022. The Institute was chosen as a nodal centre to facilitate the software edition of the two-day long SIH 2022, in which a total of 25 teams with 178 participants, the majority of whom visited the region for the first time, competed against 7 problem statements. Every year since its inception, India's Prime Minister, Narendra Modi, has interacted with the student participants.



5th Rashtriya Poshan Maah 2022 Celebrating From Sep 1 To 30th September :-

As part of the POSHAN Abhiyaan, the Ministry of Women and Child Development is commemorating the 5th Rashtriya Poshan Maah 2022 from September 1st to September 30th, 2022. Poshan Maah 2022's central themes are "Mahila aur Swasthya" and "Bacha aur Shiksha." Poshan Maah's mission is to improve nutritional outcomes for children under the age of six, pregnant women, and nursing mothers. The ministry intends to incorporate Gram Panchayats as Poshan Panchayats as part of the 5th Rashtriya Poshan Maah, with a focus on Women's Health and Children's Education.



Nuakhai Festival Celebrated In Western Odisha :-

The Agrarian festival 'Nuakhai, the day after the Ganesh Chaturthi festival, dipped Western Odisha in devotion and celebration. The word 'Nua' means new and 'Khai' means food in Navakhai Parv. According to rituals, nabanna (new rice) is offered to Maa Samaleswari, the presiding deity of Sambalpur, at the specified lagna. This year on September 1, the people of Western Odisha celebrated Nuakhai, the most important agricultural festival of the year, with pomp and circumstance. The festival was celebrated with pomp and grandeur after a two-year hiatus.



CERT-In Conducts Cyber Security Exercise "Synergy" :-

The Indian Computer Emergency Response Team (CERT-In) under the Ministry of Electronics and IT, Government of India, in collaboration with the Cyber Security Agency

of Singapore (CSA), successfully designed and conducted the Cyber Security Exercise "Synergy" for 13 countries with the goal of exchanging best practises among member-states to build network resilience against ransomware and cyber extortion attacks. The exercise was carried out as part of India's International Counter Ransomware Initiative-Resilience Working Group.



Karnataka Introduces The VentuRISE Global Startup Challenge :-

The Karnataka government launched the Global Startup Challenge - VentuRISE to support growth stage startups in manufacturing and sustainability-related sectors. VentuRISE will participate in the Global Investors Meet - Invest Karnataka 2022, which will take place from November 2-4 in Bengaluru. The global challenge will provide a platform for entrepreneurs all over the world to showcase their innovative products or solutions and connect with potential investors. The winners will receive a cash prize of \$100,000.



India hosts meeting of senior officials of Quad :-

Recently, New Delhi hosted an official-level meeting of the Quad grouping with the United States, Japan, and Australia, the first such "Senior Officers Meeting" (SOM) since tensions with China over Taiwan erupted. The Quad SOM meeting, held on September 5-6, is one of several meetings scheduled between India and its Indo-Pacific partners this week, as part of the government's "balancing" moves ahead of the SCO summit in Uzbekistan in mid-September. Prime Minister Narendra Modi will also attend the SCO summit.



Rajnath Singh Visited Mongolia :-

Rajnath Singh met Mongolia's top leadership, including President Ukhnaagiin Khurelsukh, and discussed ways to deepen the two countries' multifaceted strategic partnership. Defence Minister Singh was in Mongolia and Japan for a five-day visit to strengthen India's strategic and defence ties with the two countries in the context of an evolving regional security matrix and geopolitical turmoil. Rajnath Singh's visit to Mongolia is the first-ever tour to the East Asian country by an Indian defence minister.



Dubai Hosts The First Homeopathy International Health Summit :-

The first "World Health Summit for Homoeopathic Pride" was held in Dubai, with the theme "Diseases Caused by Climate Change and Global Warming." The summit's goal was to educate and promote a homoeopathic medical system, drugs, and practises. Burnett Homoeopathy Pvt Limited, which deals with homoeopathic dilutions, mother tincture, lower trituration tablets, proprietary medicines such as drops, syrups, skincare, haircare, and various other homoeopathic medicines, organised the summit.



Union Minister Nitin Gadkari Inaugurated Conference 'Manthan' In Bengaluru :-

According to an official statement, Union Minister Nitin Gadkari recently inaugurated a three-day conference cum public Expo 'Manthan' in Bengaluru, where several issues and opportunities in the infrastructure sector were discussed. According to a statement from the Ministry of Road Transport and Highways, the discussions covered topics such as roads, new materials and technology, road safety, vehicle safety, alternate and future mobility, including ropeways, multimodal logistics parks, Parvatmala, and digital interventions.



7th Edition Of Bengaluru Space Expo Held In Bengaluru :-

The biennial Bengaluru Space Expo (BSX-2022) began its seventh edition at the Bengaluru International Exhibition Centre (BIEC). It was organised by the Confederation of Indian Industry (CII) in collaboration with the Indian Space Research Organization (Isro), the Indian National Space Promotion and Authorisation Centre (IN-SPACe), and the space PSU NewSpace India Limited (NSIL). The expo's main goal is to promote the private space

industry, which is in line with India's recent space reforms.



Nagaland Holds Its First Ever Naga Mircha Festival :-

Naga Mircha (Naga King Chilli) Festival 2022, the first of its kind in Nagaland, was held in Seiyhama Village, Kohima district. The Department of Horticulture sponsored the festival. Senka Jamir, District Horticulture Officer Kohima, informed that the Horticulture Department has selected Botsa block as a focus area for Naga Mircha cultivation, covering nearly 100 hectares. He believes Nagaland has the potential to become a Land of Horticulture due to its diverse agro-climatic conditions and large areas suitable for horticultural crops.

SECTION 2

Practice Questions with Answers



PRACTICE QUESTIONS

1. In which of the following state/UT the Anang Tal Lake, which was declared a monument of national importance recently, is located?

- A) Karnataka
- B) Kerala
- C) New Delhi
- D) Telangana

2. Where was a two-day conference on Indian minerals and metals industry held?

- A) Mumbai
- B) Mysuru
- C) New Delhi
- D) Varanasi

3. To promote and safeguard the 'Intangible Cultural Heritage of India, which of the following company has partnered with UNESCO?

- A) Tata Motors
- B) Royal Enfield
- C) Mahindra & Mahindra
- D) Bajaj Auto

4. At the 14th Asian Under-18 Championship Indian men's volleyball team won which of the following medal?

- A) Gold
- B) Silver
- C) Bronze
- D) None of the above

5. Gopal Jain and Dr. Sivakumar Gopalan was appointed as the non-executive directors of which of the following bank?

- A) Axis Bank
- B) Federal Bank
- C) IndusInd Bank
- D) RBL Bank

6. For collaboration in aviation technology which of the following country signed an MoU with the Airports Authority of India (AAI)?

- A) France
- B) Germany
- C) Netherlands
- D) Sweden

7. India's First Electric Vehicles Ecosystem 'All Things EV' was launched by which of the following insurance company?

- A) Bajaj Allianz General Insurance
- B) HDFC ERGO General Insurance
- C) Edelweiss General Insurance
- D) ICICI Lombard General Insurance

8. Which of the following company tops the list of best-performing companies for 2020–21 as per the Practus Hurun India PE Performers 2022 report?

- A) ACME Foundation
- B) Ecom Express
- C) Encube Ethicals
- D) Honasa Consumer Pvt Ltd (Mamaearth)

9. Who among the following was appointed as the first brand ambassador of DreamSetGo?

- A) Kapil Dev
- B) Mahendra Singh Dhoni
- C) Sachin Tendulkar
- D) Sourav Ganguly

10. _____ airline became the first airline in India to use AI-powered CAE Rise™ Training System.

- A) AirAsia India
- B) Go First
- C) IndiGo
- D) SpiceJet

11. When the National Sports Day (India) was celebrated?

- A) 31 August
- B) 29 August
- C) 26 August
- D) 25 August

12. To boost the Coastal Clean-Up Campaign which of the following website was launched recently?

- A) Swachbharat.org
- B) Swachhjal.org
- C) Swachhnadi.org
- D) Swachhsagar.org

13. In which of the following state PM Narendra Modi inaugurated India's first earthquake memorial?

- A) Gujarat
- B) Himachal Pradesh

- C) Madhya Pradesh
- D) Uttarakhand

14. Who among the following took charges as the 49th Chief Justice of India?

- A) Dhananjaya Y. Chandrachud
- B) Shripathi Ravindra Bhat
- C) Uday Umesh Lalit
- D) Vineet Saran

15. In which of the following city of Gujarat a 300-meter long Atal Bridge has been inaugurated?

- A) Vadodara
- B) Surat
- C) Rajkot
- D) Ahmedabad

16. Which of the following country launched the world's first hydrogen-powered train fleet?

- A) USA
- B) Russia
- C) Germany
- D) China

17. For 2 Railway Projects which of the following country signed two consultancy contracts with India?

- A) Bangladesh
- B) Bhutan
- C) Nepal
- D) Thailand

18. Which of the following bank launched the Kochi1 card campaign?

- A) Axis Bank
- B) HDFC Bank
- C) ICICI Bank
- D) South Indian Bank

19. To achieve net-zero operational carbon emissions by 2046 which of the following company announced to invest Rs 2 lakh crore?

- A) HPL
- B) Indian Oil Corporation
- C) ONGC
- D) Oil India Limited

20. Under-17 Women's World Cup 2022 will be hosted by which of the following country in October 2022?

- A) USA
- B) Bhutan
- C) India
- D) Bangladesh

21. Pradhan Mantri Jan Dhan Yojana (PMJDY) program completed how much years recently?

- A) 07 years
- B) 08 years
- C) 09 years
- D) 10 years

22. To improve the security of passengers which of the following operation was recently launched by the Indian Railway and RPF?

- A) Operation Mahila Suraksha
- B) Operation Satarkta
- C) Operation Vijay

- D) Operation Yatri Suraksha

23. In which of the following state the World's largest religious monument 'The Temple of Vedic Planetarium' is all set to open?

- A) Bihar
- B) Uttar Pradesh
- C) Uttarakhand
- D) West Bengal

24. 'MoneyAndMe' a new investor education and awareness website was launched by which of the following Mutual Fund company recently?

- A) Axis Mutual Fund
- B) Edelweiss Mutual Fund
- C) PGIM India Mutual Fund
- D) ICICI Prudential Mutual Fund

25. Hindustan Aeronautics Limited (HAL) decided to open its first-ever international marketing and sales office in which of the following country?

- A) Colombo, Sri Lanka
- B) Jakarta, Indonesia
- C) Kuala Lumpur, Malaysia
- D) Manila, Philippines

26. Who among the following was elected as Commonwealth Parliamentary Association (CPA) treasurer?

- A) Anurag Sharma
- B) Azam Khan
- C) Deepak Banerji
- D) Shatrughan Sinha

27. To support young women athletes in India which of the following company has announced its partnership with the Athletics Federation of India (AFI)?

- A) Standard Chartered India
- B) TATA
- C) HSBC India
- D) Bajaj Finance Limited

28. A new book titled "Indian Banking in Retrospect – 75 years of Independence" was authored by which of the following author?

- A) Ashutosh Raravikar
- B) Raja Chelliah
- C) Rajiv Ranjan
- D) Sitikantha Pattanaik

29. To set up medical colleges in 12 Districts which of the following state government is set to receive a loan of Rs. 4,000 crores from the Asian Development Bank (ADB)?

- A) Uttar Pradesh
- B) Karnataka
- C) Maharashtra
- D) Andhra Pradesh

30. In the 2nd edition of the 'Forbes Asia-100 to Watch 2022' how many Indian start-up companies are featured?

- A) 8
- B) 10
- C) 11
- D) 12

31. In which of the following state the agrarian festival 'NuaKhai' was celebrated?

- A) Karnataka
- B) Madhya Pradesh
- C) Odisha
- D) Uttarakhand

32. Who among the following was appointed as the Chairman and Managing Director of ONGC?

- A) Rajesh Kumar Srivastava
- B) Prabhaskar Rai
- C) Manish Pareek
- D) Madhav Singh

33. Which of the following state launched 'CM Udyman Khiladi Unnayan Yojana'?

- A) Uttarakhand
- B) Uttar Pradesh
- C) Rajasthan
- D) Bihar

34. When the World Coconut Day was observed?

- A) 02 September
- B) 03 September
- C) 04 September
- D) 05 September

35. Who among the following was appointed as MD & CEO of Mercedes-Benz India?

- A) Raju Tripathi
- B) Sandeep Baksh
- C) Santosh Iyer
- D) Vivek Singh

36. SBI Card launched which of the following cashback-focused credit card recently?

- A) Cashback SBI Card
- B) Madad SBI Card
- C) Uphaar SBI Card
- D) Welcome SBI Card

37. Who among the following was appointed as Chairman and Managing Director of NHPC?

- A) N Venudhar Reddy
- B) Rajesh Kumar Srivastava
- C) Vasudha Gupta
- D) Yamuna Kumar Chaubey

38. Who among the following took charges as the Director General of News Services Division of All India Radio?

- A) N Venudhar Reddy
- B) Rajesh Kumar Srivastava
- C) Vasudha Gupta
- D) Yamuna Kumar Chaubey

39. After which of the following personality the Markham City of Canada named a street?

- A) AR Rahman
- B) Arijit Singh
- C) Jagjit Kaur
- D) Lata Mangeshkar

40. Which of the following vehicle manufacturer has completed 40 years in India?

- A) Hyundai Motors
- B) Maruti Suzuki

- C) Skoda Auto
- D) TATA Motors

41. Rajiv Gandhi Rural Olympics Games was inaugurated in which of the following State recently?

- A) Gujarat
- B) Haryana
- C) Jharkhand
- D) Rajasthan

42. In which of the following month National Nutrition Week in India is celebrated?

- A) September
- B) October
- C) November
- D) August

43. On biodiversity Conservation, Government of India has signed an MoU with which of the following country?

- A) Bangladesh
- B) Bhutan
- C) Nepal
- D) Singapore

44. _____ became the batsman with the highest average in T20I Cricket.

- A) Hardik Pandya
- B) KI Rahul
- C) Rohit Sharma
- D) Virat Kohli

45. India's first cervical cancer vaccine was developed by which of the following pharmaceutical company?

- A) Zydus Lifesciences
- B) Serum Institute of India
- C) Glenmark Pharma Ltd
- D) Dr. Reddy's Laboratories

46. Exercise (Ex) Vostok-2022 was conducted in which of the following country?

- A) France
- B) Germany
- C) Mongolia
- D) Russia

47. Recently the State Bank of India (SBI) has reduced its estimate of India's GDP growth rate for the financial year 2023 to how much?

- A) 6.8%
- B) 6.9%
- C) 7.0%
- D) 7.3%

48. For High-Energy Scanning Systems for the Indian market which of the following organisation has signed an MoU with Smiths Detection Group?

- A) BEL
- B) DRDO
- C) HAL
- D) ISRO

49. Who among the following was recently appointed as the new President of All India Football Federation (AIFF)?

- A) Kalyan Chaubey
- B) Kipa Ajay
- C) Nalapad Ahmed Haris
- D) Shaji Prabhakaran

50. A new book titled "When the Heart Speaks: Memoirs of a Cardiologist" was authored by which of the following author?

- A) Chandrakant Lahariya
- B) Sanjiv Chopra
- C) Siddhartha Mukherjee
- D) Upendra Kaul

51. Chief Minister of which of the following state has inaugurated Mohla-Manpur-Ambagarh Chowki as its 29th district?

- A) Bihar
- B) Chhattisgarh
- C) Haryana
- D) Jharkhand

52. Which of the following state appointed Kiccha Sudeep as the brand ambassador for its 'Punyakoti Dattu Yojana' scheme?

- A) Gujarat
- B) Karnataka
- C) Telangana
- D) Uttar Pradesh

53. When the International Day of Charity was observed?

- A) 08 September
- B) 05 September
- C) 03 September

D) 01 September

54. Which of the following state will host the 36th National Games?

- A) Gujarat
- B) Himachal Pradesh
- C) New Delhi
- D) Uttar Pradesh

55. Which of the following Union Minister recently completed his 5-day visit to Mongolia and Japan?

- A) S. Jaishankar
- B) Rajnath Singh
- C) Nitin Gadkari
- D) Amit Shah

56. Prime Minister Modi on inaugurated International Dairy Federation World Dairy Summit (IDF WDS) 2022 in which state?

- E) Uttar Pradesh
- F) Chhattisgarh
- G) Haryana
- H) Jharkhand

57. Who has been appointed as the new Chairman of Nayara Energy?

- E) Raja M Rao
- F) Prasad K Panicker
- G) Anand Raj
- H) Prasoon Singh

58. Aaron Finch who recently announced his retirement from ODI Cricket, belongs to which country?

- E) England

F) Australia

- G) South Africa
- H) West Indies

59. Who has won the Us Open Women's Title?

- E) Iga Swiatek
- F) Serena Williams
- G) Ons Jabeur
- H) Ellis Hanks

60. How old was Shankaracharya Swami Swaroopanand Saraswati who passed away recently?

- E) 85
- F) 99
- G) 76
- H) 91

61. To make TB-free tribal districts how many tribal districts were identified by the Ministry of Tribal Affairs and the Ministry of Health and Family Welfare recently?

- A) 82
- B) 75
- C) 50
- D) 25

62. To widen the network of the airline which of the following airline signed a codeshare agreement with the British Carrier Virgin Atlantic?

- A) Go First
- B) IndiGo
- C) Jet Airways
- D) SpiceJet

63. Who among the following was appointed as the MD and CEO of the Tamilnad Mercantile Bank Limited?

- A) Krishnan Sankarasubramaniam
- B) Subramanian Sundar
- C) Murali Ramakrishnan
- D) KV Rama Murthy

64. By using which of the following rocket, China launched a new remote sensing satellite named "Yaogan-33 (02)" into space?

- A) Long March 2D
- B) Long March 3B
- C) Long March 4C
- D) Long March 4B

65. Which of the following is the mascot of the 36th National Games?

- A) Thambi
- B) Shakti
- C) Saavaj
- D) Jagriti

66. A new book titled "The Hero of Tiger Hill: Autobiography of a Param Vir" was authored by which of the following author?

- A) Yogendra Singh Yadav
- B) Raghuram Rajan
- C) Dr. Manmohan Singh
- D) Amartya Sen

67. At the 67th Filmfare Awards which of the following film was the "Best Film" in popular awards category?

- A) Shershaah
- B) Sardar Udham
- C) Mimi
- D) 83

68. Which of the following has announced to launch its new centralized portal named 'e-Samadhan'?

- A) All India Council for Technical Education
- B) CBSE
- C) Pharmacy Council of India
- D) UGC

69. Indian Railways have set up which of the following machines at Mumbai stations which converts water vapour in the air into potable water?

- A) AquaWater
- B) Jaldoot
- C) JalJeevan
- D) Meghdoot

70. Which of the following has levied fines on Aadhaar Ventures India Ltd (AVIL) and its directors?

- A) NABARD
- B) PFRDA
- C) RBI
- D) SEBI

71. To provide financing facilities for farmers which of the following company launched 'Kisan Safalta Card'?

- A) Agrifeeder Agricultural Services Ltd

- B) Godrej Agrovet Ltd
- C) Raghuvansh Agrofarms Ltd
- D) Agribazaar

72. To boost the bank's priority sector lending target segment which of the following bank recently partnered with PayNearby Technologies?

- A) Axis Bank
- B) ICICI Bank
- C) IndusInd Bank
- D) YES Bank

73. Indian Fast-moving consumer goods (FMCG) company Pintola appointed which of the following its Brand Ambassador?

- A) Gurpreet Singh Sandhu
- B) Manpreet Singh
- C) Subrata Paul
- D) Sunil Chhetri

74. Who among the following clinched gold medal in the Malaysian Age Group Rapid Chess Championship in Kuala Lumpur, Malaysia?

- A) Anishka Biyani
- B) Divya Deshmukh
- C) Nutakki Priyanka
- D) Priti Deshmukh

75. Which of the following state was fined for waste management failure by National Green Tribunal (NGT)?

- A) Bihar
- B) Rajasthan
- C) Uttar Pradesh

- D) West Bengal

76. RBI has recently selected which of the following bank for the 'test phase' of the 'On Tap' application facility?

- A) Axis Bank
- B) HDFC Bank
- C) ICICI Bank
- D) SBI

77. When the International Literacy Day was observed?

- A) 05 September
- B) 07 September
- C) 08 September
- D) 10 September

78. Which of the following central ministry has recently launched E-daakhil portal initiative?

- A) Ministry of Labour and Employment
- B) Ministry of Finance
- C) Ministry of Consumer Affairs
- D) Ministry of Commerce and Industry

79. India is set to host the Hockey World Cup 2023 in which of the following state?

- A) Delhi
- B) Gujarat
- C) Maharashtra
- D) Odisha

80. Who among the following took charges as new CEO of Sansad TV?

- A) Ravi Kapoor

- B) Sanjeev Dixit
- C) Saurabh Tripathi
- D) Utpal Kumar Singh

81. Which of the following country has recently elected Gervais Ndirakobuca as its Prime Minister?

- A) Uganda
- B) Senegal
- C) Burundi
- D) Botswana

82. A new book titled 'Forging Mettle: Nrupender Rao and the Pennar Story' was authored by which of the following author?

- A) Amartya Sen
- B) Pavan C Lall
- C) Raghuram Rajan
- D) Sanjeev Sanyal

83. "Indira Gandhi Urban Employment Scheme" was launched by which of the following state recently?

- A) Madhya Pradesh
- B) Maharashtra
- C) Rajasthan
- D) Uttarakhand

84. _____ is the new King of the United Kingdom.

- A) Prince Andrew
- B) Prince Charles III
- C) Prince Edward
- D) Prince William

85. In which of the following city of Bangladesh Maitree Super Thermal Power Project is located?

- A) Chattogram
- B) Dhaka
- C) Khulna
- D) Rajshahi

86. Who among the following launched the 'Pradhan Mantri TB Mukh Bharat Abhiyaan' recently?

- A) Narendra Modi
- B) Jagdeep Dhankhar
- C) Droupadi Murmu
- D) Amit Shah

87. Where did the Kharga Corps of the Indian Army and the Indian Air Force (IAF) conducted the joint exercise "Gagan Strike"?

- A) Punjab
- B) Ladakh
- C) Jammu and Kashmir
- D) Arunachal Pradesh

88. In which of the following city of Manipur, the 50th All Manipur Shumang Leela Festival was celebrated?

- A) Bishnupur
- B) Chandel
- C) Imphal
- D) Thoubal

89. Which of the following insurance company launched 'Smart Flexi Protect Solution' plan recently?

- A) Max Life Insurance Company
- B) ICICI Prudential Life Insurance
- C) Edelweiss Tokio Life Insurance
- D) Bajaj Allianz Life Insurance

90. _____ inaugurated NALSA's Centre for Citizen Services at Jaisalmer house in New Delhi.

- A) Droupadi Murmu
- B) Justice Sanjay Karol
- C) Justice Uday Umesh Lalit
- D) Narendra Modi

91. To launch 'Betterworld', an interactive metaverse experience which of the following bank partnered with The Sandbox?

- A) Standard Chartered Bank
- B) HSBC Bank India
- C) DBS Bank
- D) IndusInd Bank

92. Reliance Industries Limited (RIL) is set to build India's first & one of the world's largest Carbon Fibre Plant in which of the following state?

- A) Andhra Pradesh
- B) Gujarat
- C) Madhya Pradesh
- D) Rajasthan

93. Who among the following bags the Formula 1 Italian Grand Prix recently?

- A) Carlos Sainz
- B) George Russell
- C) Max Verstappen

- D) Sergio Perez

94. _____ became the first Indian to win a Formula 2 race at Monza (Italian GP) 2022.

- A) Darshan Chokhani
- B) Jehan Daruvala
- C) Karun Chandhok
- D) Sailesh Bolisetti

95. Which of the following Institute became the 1st Indian institution to join the IBM's Quantum Network programme?

- A) IIT Bombay
- B) IIT Delhi
- C) IIT Kanpur
- D) IIT Madras

96. To launch an Artificial Intelligence (AI)-powered digital voice agent which of the following insurance company partnered with Skit.ai?

- A) Kotak Mahindra General Insurance
- B) ICICI Lombard General Insurance
- C) Edelweiss General Insurance
- D) Bajaj Allianz General Insurance

97. To strengthen cyber security, Google bought the Mandiant Inc. for what amount?

- A) USD 2.8 billion
- B) USD 3.6 billion
- C) USD 4.1 billion
- D) USD 5.4 billion

98. A new book titled "Rajini's Mantras: Life lessons from India's most-loved Superstar" was authored by which of the following author?

- A) Vikas Bansal
- B) PC Balasubramanian
- C) Jessica Livingston
- D) Dilip Shanghvi

99. When the Hindi Diwas was observed in India?

- A) 15 September
- B) 14 September
- C) 12 September
- D) 11 September

100. During its G20 Presidency India has decided to invite which of the following country as a Guest?

- A) Bangladesh
- B) Chile
- C) North Korea
- D) Sri Lanka

101. When the World Ozone Day was observed?

- A) 09 September
- B) 11 September
- C) 13 September
- D) 16 September

102. In which of the following state India's first Lithium Cell Manufacturing plant was launched?

- A) Andhra Pradesh
- B) Arunachal Pradesh
- C) Jharkhand
- D) Madhya Pradesh

103. With which of the following company ISRO collaborated to launch India's first High Throughput Satellite (HTS)?

- A) Aletheia Technologies Pvt. Ltd
- B) EchoStar Corporation
- C) Hughes Communications India Ltd.
- D) OneWeb Telecommunications

104. _____ recently became the world's second richest person.

- A) Gautam Adani
- B) Lakshmi Mittal
- C) Mukesh Ambani
- D) Ratan Tata

105. For which of the following country United States has announced a new 600 million dollar arms package?

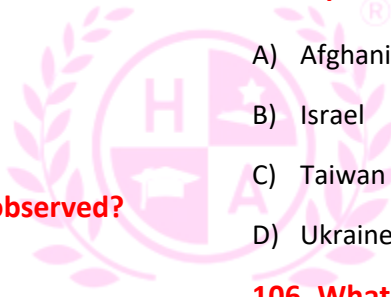
- A) Afghanistan
- B) Israel
- C) Taiwan
- D) Ukraine

106. What is the rank of India in the Global Crypto Adoption Index 2022 released by Chainalysis?

- A) 1st
- B) 2nd
- C) 3rd
- D) 4th

107. Which of the following the following country secured top position in the Global Crypto Adoption Index 2022 released by Chainalysis?

- A) China
- B) Philippines
- C) Ukraine



D) Vietnam

108. Which of the following organisation approved Bharat Bill Payment System (BBPS) to process the cross-border inbound payments?

- A) IRDA
- B) National Payments Corporation of India
- C) RBI
- D) SEBI

109. Which of the following bank ranked 63rd in the Best Workplaces in Asia 2022?

- A) Federal Bank
- B) ICICI Bank
- C) Kotak Mahindra Bank
- D) State Bank of India

110. Which of the following bank re-appointed Sumant Kathpalia as its MD and CEO?

- A) Axis Bank
- B) ICICI Bank
- C) IndusInd Bank
- D) South Indian Bank

111. To offer property insurance coverage Repco Home Finance Limited (RHFL) partnered with which of the following Insurance company?

- A) Kotak Mahindra General Insurance
- B) Future Generali India General Insurance
- C) Edelweiss General Insurance
- D) Bajaj Allianz General Insurance

112. Magdalena Andersson of which the following country resigned as the Prime Minister recently?

- A) Denmark
- B) Netherlands
- C) Sweden
- D) Turkey

113. Which of the following bank appointed Pralay Mondal as its MD & CEO?

- A) Standard Chartered Bank
- B) HSBC Bank India
- C) DBS Bank
- D) CSB Bank

114. Who among the following was recently appointed as a member (non-life) in the IRDAI?

- A) Manjunath Bavuri
- B) Rakesh Joshi
- C) Thomas M Devasia
- D) Varsha Choudhary

115. Which of the following company acquired Ambuja Cements Limited and ACC Limited?

- A) Adani Group
- B) Dalmia Bharat Ltd
- C) TATA Group
- D) UltraTech Cement Ltd

116. Which of the following country recently renamed its capital as 'Astana'?

- A) Uzbekistan
- B) Turkmenistan
- C) Tajikistan

D) Kazakhstan

117. To enable Non Resident Indians (NRIs) for secure and easy remittance to India which of the following bank recently partnered with Remitly?

- A) Axis Bank
- B) HDFC Bank
- C) State Bank of India
- D) YES Bank

118. Which of the following football club team won the 131st edition of the Durand Cup?

- A) Bengaluru FC
- B) Hyderabad FC
- C) Kerala Blasters FC
- D) Mumbai City FC

119. A new book titled 'Muskurate Chand Lamhe Aur Kuchh Khamoshiyan' released by actor Manoj Bajapaye was authored by which of the following author?

- A) Pankaj Agarwal
- B) Muthuthevar Kannan
- C) Jiresh Nandan
- D) Dinesh Kumar

120. After 32 years of service which of the following Naval Ship was recently decommissioned by the Indian Navy?

- A) INS Khukri
- B) INS Khirch
- C) INS Khanjar
- D) INS Ajay (P34)

121. In which of the following country, FAO and World Food Program warned recently about acute food insecurity?

- A) Afghanistan
- B) Myanmar
- C) Nepal
- D) Sri Lanka

122. In the 'National List of Essential Medicines (NLEM)' how many drugs are included?

- A) 384
- B) 284
- C) 184
- D) 84

123. All-India Official Language Conference 2022 was held in which of the following city?

- A) Ahmedabad
- B) Bengaluru
- C) Pune
- D) Surat

124. What is the objective of the recently launched Shoonya Campaign?

- A) Promote Afforestation
- B) Promote Rain Water Harvesting
- C) Reduce Air Pollution by banning crackers
- D) Reduce Air Pollution by using EVs

125. Which of the following country has organised the World Water Congress and Exhibition 2022?

- A) Denmark
- B) Germany

- C) Hungary
- D) Spain

126. Mohammad Rubel Hossain of which of the following country recently announced his retirement from Test cricket?

- A) Afghanistan
- B) Bangladesh
- C) South Africa
- D) West Indies

127. When the International Red Panda Day was observed?

- A) 17 September
- B) 18 September
- C) 19 September
- D) 20 September

128. When the International Day of Peace was observed?

- A) 23 September
- B) 21 September
- C) 19 September
- D) 17 September

129. _____ film was announced as India's official entry to Oscars 2023.

- A) Chhello Show
- B) RRR
- C) Shyam Singha Roy
- D) Jai Bhim

130. The presidency of the Asia-Pacific Institute of Broadcasting Development of which country has been extended for one more year?

- A) China
- B) France
- C) India
- D) Malaysia

131. On which of the following bank the RBI removed the Prompt Corrective Action Framework (PCAF) restrictions recently?

- A) Union Bank of India
- B) Punjab National Bank
- C) Central Bank of India
- D) Bank of India

132. Who among the following was appointed as the Trustees of PM CARES Fund?

- A) Ratan Tata
- B) Kariya Munda
- C) K.T. Thomas
- D) All of the above

133. In 2022 the Railway Protection Force (RPF) celebrated which edition of its Raising Day?

- A) 32
- B) 34
- C) 36
- D) 38

134. When the World Rhino Day was observed?

- A) 24 September
- B) 23 September

- C) 22 September
- D) 21 September

135. At the World Wrestling Championships 2022 who among the following bags the bronze medal in the men's 65kg category?

- A) Yogeshwar Dutt
- B) Satyawart Kadian
- C) Deepak Punia
- D) Bajrang Punia

136. Who among the following will chair the 5-member high level committee constituted by the Union Government to review the marketing practices of pharmaceutical companies in India?

- A) Parameswaran Iyer
- B) Sunil Kumar
- C) Vijay Kumar Saraswat
- D) V K Paul

137. India's first "Dugong Conservation Reserve" is located in which of the following state?

- A) Gujarat
- B) Maharashtra
- C) Odisha
- D) Tamil Nadu

138. India's first Auto Index Fund was launched by which of the following Mutual Fund company?

- A) Axis Mutual Fund
- B) Edelweiss Mutual Fund
- C) HDFC Mutual Fund
- D) ICICI Prudential Mutual Fund

139. Which Life Insurance company appointed Indian cricketer Rohit Sharma & his wife Ritika Sajdeh as its brand ambassadors?

- A) Max Life Insurance
- B) Kotak Mahindra Life Insurance
- C) Edelweiss Tokio Life Insurance
- D) Bajaj Allianz Life Insurance

140. Which of the following city will host India's 1st MotoGP World Championships race named "Grand Prix of Bharat" next year?

- A) Ahmedabad
- B) Chennai
- C) Mumbai
- D) Noida

141. To further strengthen its cross-border payment solutions which of the following payment company has partnered with the NPCI International Payments Limited (NIPL)?

- A) TerraPay
- B) Citcon
- C) Ripple
- D) VertoFX

142. Which of the following became the first life insurance company in India to have 74% foreign shareholding?

- A) Aegon Life Insurance
- B) Ageas Federal Life Insurance
- C) Bajaj Allianz Life Insurance
- D) Edelweiss Tokio Life Insurance

143. _____ resigned from the position of the acting President of the Indian Olympic Association (IOA).

- A) Narayana Ramachandran
- B) Narinder Batra
- C) Anil Khanna
- D) Rajeev Mehta

144. To tackle the issue of plastic pollution the National Cadet Corps (NCC) recently signed an MoU with which of the following organisation?

- A) UNEP
- B) UNDP
- C) WHO
- D) WWF

145. From carrying out any recovery or repossession activity through outsourcing arrangements, which organisation has been barred by the Reserve Bank of India (RBI)?

- A) Mahindra & Mahindra Financial Services Ltd.
- B) IDFC First Bank Ltd.
- C) HDB Finance Services
- D) Aditya Birla Finance Ltd.

146. _____ became the third state to have Food Security Atlas.

- A) Assam
- B) Bihar
- C) Jharkhand
- D) Tripura

147. _____ has released a new digital publication 'BLO e-Patrika'.

- A) Election Commission of India
- B) Finance Ministry
- C) NITI Aayog
- D) Reserve Bank of India

148. Along the India-Pak border, which paramilitary forces' first female camel riding squad is set to be deployed?

- A) Assam Rifles
- B) BSF
- C) CISF
- D) ITBP

149. For students of classes 1 to 5 who among the following has inaugurated Ramakrishna Mission's 'Awakening' programme?

- A) Smriti Irani
- B) Piyush Goyal
- C) Dharmendra Pradhan
- D) Anurag Thakur

150. After Dr BR Ambedkar which state government has decided to name the new integrated Secretariat complex?

- A) Andhra Pradesh
- B) Gujarat
- C) Telangana
- D) Tamil Nadu

ANSWERS

1. Correct Answer: C

The Anang Tal lake in South Delhi, believed to have been built a thousand years ago, has been declared a monument of national importance through a gazette notification by the Ministry of Culture.

2. Correct Answer: C

India's mining major NMDC in association with FICCI organised a two-day conference on Indian minerals and metal industry in New Delhi.

3. Correct Answer: B

Royal Enfield and the United Nations Educational, Scientific and Cultural Organisation (UNESCO) have joined hands to promote and safeguard the Intangible Cultural Heritage of India.

4. Correct Answer: C

Indian men's volleyball team has won the bronze medal by defeating Korea 3-2 in the 14th Asian U-18 Championship in Tehran, Iran.

5. Correct Answer: D

RBL Bank has appointed Gopal Jain and Dr. Sivakumar Gopalan as non-executive directors on its board, the private sector lender said in an announcement.

6. Correct Answer: D

The Airports Authority of India (AAI) and Sweden's LfV Air Navigation Services has signed a Memorandum of Understanding for collaboration in aviation technology.

7. Correct Answer: B

HDFC ERGO General Insurance Company has launched 'All Things EV,' the country's first one-stop-solution portal for electric vehicles.

8. Correct Answer: D

As per the Practus Hurun India PE Performers 2022 the parent company of personal care brand Mamaearth, Honasa Consumer Pvt Ltd, has grabbed the top spot in a list of best-performing companies.

9. Correct Answer: D

DreamSetGo, sports experiences and travel platform, has announced Sourav Ganguly as its first brand ambassador.

10. Correct Answer: A

AirAsia India is the first airline in India to adopt a data-driven training program using CAE Rise™. CAE Rise™ leverages analytics to deliver a higher quality of training, providing real-time data during training sessions

11. Correct Answer: B

India celebrates National Sports Day on 29th August to commemorate the birth anniversary of hockey legend, Major Dhyan Chand.

12. Correct Answer: D

Union Minister Dr. Jitendra Singh has launched a dedicated website www.swachhsagar.org to give further boost to the ongoing Coastal Clean-Up campaign.

13. Correct Answer: A

Prime Minister Narendra Modi dedicated India's first earthquake memorial Smriti Van to the nation in Bhuj, Gujarat.

14. Correct Answer: C

Justice Uday Umesh Lalit has recently sworn in as the 49th Chief Justice of India (CJI). President Droupadi Murmu administered him the oath during a brief ceremony held at the Rashtrapati Bhavan.

15. Correct Answer: D

Prime Minister Narendra Modi inaugurated the 300-metre long 'Atal Bridge' for pedestrians and cyclists across the Sabarmati river, Ahmedabad.

16. Correct Answer: C

Germany has launched the world's first fleet of hydrogen-powered passenger trains. According to reports, 14 trains with hydrogen fuel cell drive - produced by French manufacturer Alstom - are to replace diesel trains.

17. Correct Answer: A

Bangladesh and India signed two contracts for the construction of a new broad-gauge line between Khulna-Darsana and conversion of metre gauge line into a dual-gauge line between Parbatipur and Kaunia.

18. Correct Answer: A

Axis Bank, which partnered with Kochi Metro Rail Limited (KMRL) in 2016 to enable cashless commute in the metro, has announced offers for Kochi-1 smart card holders in connection with Onam.

19. Correct Answer: B

Indian Oil Corporation (IOC) has unveiled a Rs 2 lakh crore roadmap to achieve net zero greenhouse gas emission from its operations by 2046.

20. Correct Answer: C

India's three group matches in the FIFA U-17 Women's World Cup 2022 in October will be held at the Kalinga Stadium in Bhubaneswar. This is the second FIFA competition hosted by India in recent years.

21. Correct Answer: B

Prime Minister Narendra Modi government's flagship financial inclusion program Pradhan Mantri Jan Dhan Yojana has completed its eighth year recently.

22. Correct Answer: D

To improve the security of passengers, the Indian Railway along with the Railway Protection Force (RPF), have launched a pan-India operation known as Operation Yatri Suraksha.

23. Correct Answer: D

One of the world's largest religious buildings 'The Temple of Vedic Planetarium' is all set to open in Mayapur, West Bengal.

24. Correct Answer: C

PGIM India Mutual Fund has announced that it has launched a new investor education and awareness website named 'MoneyAndMe'.

25. Correct Answer: C

The state-run Hindustan Aeronautics Limited (HAL) has signed a Memorandum of Understanding (MoU) for opening its first-ever international marketing and sales office in Kuala Lumpur, Malaysia.

26. Correct Answer: A

Mr Anurag Sharma, Member of Parliament (MP) from Jhansi has been elected as international treasurer of the Commonwealth Parliamentary Association (CPA).

27. Correct Answer: C

Athletics Federation of India (AFI) has announced its partnership with HSBC India to support women athletes of the country, especially the youngsters.

28. Correct Answer: A

Dr Ashutosh Raravikar has authored a new book titled "Indian Banking in Retrospect – 75 years of Independence".

29. Correct Answer: C

Maharashtra government will take a loan of 4,000 crore rupees from the Asian Development Bank (ADB) for setting up medical colleges in 12 districts of the state.

30. Correct Answer: C

The list released by Forbes Asia features 11 companies from India along with 19 companies from Singapore, followed closely by 16 start-ups from Hong Kong.

31. Correct Answer: C

Agrarian festival 'Nuakhai' is celebrated in Odisha annually, mostly in the western region of the state.

32. Correct Answer: A

Oil and Natural Gas Corporation (ONGC) has appointed Rajesh Kumar Srivastava as its Chairman and Managing Director (CMD).

33. Correct Answer: A

Uttarakhand Chief Minister Pushkar Singh Dhama launched "CM Udyman Khiladi Unnayan Yojana", in the program organized on the occasion of National Sports Day.

34. Correct Answer: A

World Coconut Day is celebrated on September 2 since 2009 to highlight the importance of coconuts.

35. Correct Answer: C

Mercedes-Benz India has appointed Santosh Iyer as the Managing Director & CEO of the company from January 2023.

36. Correct Answer: A

Indian credit card issuer SBI Card has announced the launch of the industry's first Cashback-focused credit card 'CASHBACK SBI Card' in India.

37. Correct Answer: D

National Hydro Electric Power Corporation Pvt Ltd (NHPC) said that its Director (Technical) Yamuna Kumar Chaubey has been given the charge of Chairman and Managing Director for three months beginning September 1.

38. Correct Answer: C

Senior Indian Information Service officer, Dr. Vasudha Gupta has recently assumed the charge of Director General of News Services Division, All India Radio.

39. Correct Answer: A

The City of Markham has named a street after one of the most celebrated Indian music composers AR Rahman.

40. Correct Answer: B

Maruti Suzuki India, the nation's largest carmaker, completes 40 years of its operations this year.

41. Correct Answer: D

Rajasthan chief minister Ashok Gehlot has inaugurated a month-long Rajiv Gandhi Rural Olympic Games in Jodhpur.

42. Correct Answer: A

From September 1-7, India celebrates National Nutrition Week to promote a healthy lifestyle and nourishment.

43. Correct Answer: C

The Union Cabinet, chaired by Prime Minister Narendra Modi, has approved the signing of a Memorandum of Understanding (MoU) between India and Nepal in the field of biodiversity conservation.

44. Correct Answer: D

With his unbeaten fifty at Dubai International Stadium, which was his 31st in 101 T20I matches, Virat Kohli became the player with the highest average in the T20I format.

45. Correct Answer: B

India's first cervical cancer vaccine 'Cervavac' was developed by the Pune-based Serum Institute of India in coordination with the Government of India's Department of Biotechnology (DBT).

46. Correct Answer: D

The Vostok 2022 exercise was held at seven firing ranges in Russia's Far East and the Sea of Japan and involve more than 50,000 troops and over 5,000 weapons units, including 140 aircraft and 60 warships.

47. Correct Answer: A

The State Bank of India has lowered its forecast for growth in the Indian economy for the current financial year, 2022-23, to 6.8% from its June estimate of 7.5%.

48. Correct Answer: A

Bharat Electronics Limited (BEL) has announced that it has signed a Memorandum of Understanding (MoU) with Smiths Detection Group, for offering advanced, high-energy scanning systems to the Indian market.

49. Correct Answer: A

Mr. Kalyan Chaubey has been elected the new President of the All India Football Federation (AIFF).

50. Correct Answer: D

A new book titled "When the heart speaks: Memoirs of a cardiologist" was authored by Dr. Upendra Kaul.

51. Correct Answer: B

Chhattisgarh Chief Minister Bhupesh Baghel recently inaugurated Mohla-Manpur-Ambagarh Chowki as the 29th district of the state.

52. Correct Answer: B

The Karnataka government has appointed Kannada star Sudeep as the brand ambassador for its 'Punyakoti Dattu Yojana', cattle adoption scheme.

53. Correct Answer: B

The International Day of Charity is an international day observed annually on 5 September annually.

54. Correct Answer: A

Gujarat is hosting the 36th National Games this year from September 29 to October 12, 2022.

55. Correct Answer: B

Defense Minister Rajnath Singh completed his five-day visit to Mongolia and Japan. This is the first visit by an Indian Defense Minister to Mongolia.

56. Correct Answer: A

Prime Minister Narendra Modi on 12 September 2022 inaugurated International Dairy Federation World Dairy Summit (IDF WDS) 2022. PM Modi also inspected an exhibition at India Expo Centre & Mart, Greater Noida in Uttar Pradesh.

57. Correct Answer: B

Nayara Energy appointed Prasad K Panicker as chairman. Despite a challenging external environment, Nayara Energy said it has developed an articulated strategy for a phased expansion into petrochemicals

58. Correct Answer: B

Aaron Finch has announced his retirement from ODIs. He will continue to captain the T20I side for the World Cup next month.

59. Correct Answer: A

World No. 1 Iga Swiatek of Poland faced off against world No. 5 Ons Jabeur of Tunisia at Arthur Ashe Stadium in Queens, New York, on 10 September 2022.

60. Correct Answer: B

Dwarka Peeth Shankaracharya Swami Swaroopanand Saraswati passed away on 11 Septemebr 2022 at Narsinghpur in Madhya Pradesh. The seer was 99 years old.

61. Correct Answer: B

The Ministry of Tribal Affairs and the Central TB Division of the Ministry of Health and Family Welfare have identified 75 tribal districts to make TB-free tribal districts

62. Correct Answer: B

India's largest airline IndiGo has entered into a codeshare agreement with UK carrier Virgin Atlantic.

63. Correct Answer: A

Tamilnad Mercantile Bank Ltd has announced that the veteran banker Krishnan Sankarasubramaniam has taken over as its managing director and chief executive officer with immediate effect.

64. Correct Answer: C

The Yaogan 33 (02) satellite lifted off atop China's Long March 4C rocket from the Jiuquan Satellite Launch Center in the Gobi Desert recently.

65. Correct Answer: C

“Saavaj” meaning lion in Gujarati, was declared the mascot for the 36th National Games. It is representative of India’s cultural heritage.

66. Correct Answer: A

The autobiography “The Hero of Tiger Hill: Autobiography of a Param Vir” was authored by Subedar Major Yogendra Singh Yadav.

67. Correct Answer: A

Shershaah was the best film in the popular category at the 67th Filmfare Awards.

68. Correct Answer: D

UGC's centralised portal, e-Samadhan, to address grievances of students was launched recently.

69. Correct Answer: D

Indian Railways have set up 'Meghdoot' machines which uses innovative technology to convert water vapour in the air into potable water at Dadar, Thane and other stations of the Mumbai Division.

70. Correct Answer: D

Aadhaar Ventures India Ltd. (AVIL) and its directors were fined a total of Rs 25 lakh by the capital markets regulator SEBI for breaking the listing requirements and insider trading laws.

71. Correct Answer: D

Agribazaar, a private electronic Agri mandi, has introduced the 'Agribazaar Kisan Safalta Card' which will help farmers meet their pre and post-harvest farm requirements and allied expenses.

72. Correct Answer: A

Announcing a partnership with branchless banking network PayNearby, a senior executive of Axis Bank said that such tie-ups would aid the private lender in achieving priority sector lending aims.

73. Correct Answer: D

Indian superfood brand Pintola has named renowned Indian Football Captain Sunil Chhetri it's Brand Ambassador.

74. Correct Answer: A

Six-year-old Anishka Biyani won gold medal in the Malaysian Age Group Rapid Chess Championship at Kuala Lumpur.

75. Correct Answer: D

The National Green Tribunal (NGT) levies Rs 3,500 crore fine on the state of West Bengal for allegedly not managing solid as well as liquid waste, causing harm to the environment.

76. Correct Answer: B

The Reserve Bank of India (RBI) has selected HDFC Bank and Precision Biometric India for the test phase of the retail payments cohort under its regulatory sandbox, according to a press release.

77. Correct Answer: C

International Literacy Day takes place on September 08 every year to raise awareness and concern for literacy problems that exist in whole world.

78. Correct Answer: C

An initiative of Department of Consumer Affairs, E-daakhil portal empowers the consumer and their advocates to file the consumer complaints along with payment of requisite fees online from anywhere.

79. Correct Answer: D

The 2023 edition will be the fourth time that India will be hosting the men's hockey World Cup. The matches will be played at the Kalinga Stadium in Bhubaneswar and the newly-built Birsa Munda International Hockey Stadium in Rourkela, Odisha.

80. Correct Answer: D

Utpal Kumar Singh, currently holding the post of Secretary General Lok Sabha, will additionally discharge the functions of CEO Sansad TV.

81. Correct Answer: C

Gervais Ndirakobuca was appointed the new Prime Minister of Burundi after his nomination, made by President Evariste Ndayishimiye recently.

82. Correct Answer: B

Senior journalist Pavan C. Lall has authored a new book titled 'Forging Mettle: Nrupender Rao and the Pennar Story'.

83. Correct Answer: C

Rajasthan Chief Minister Ashok Gehlot has recently launched Indira Gandhi Urban Employment Scheme (IRGY). The scheme promises 100 days of work annually for people in urban areas, along the lines of MGNREGA in rural areas.

84. Correct Answer: B

Queen Elizabeth II, Britain's longest-serving monarch, died recently. Charles, Prince of Wales, becomes king immediately. Charles is now officially King Charles III.

85. Correct Answer: C

The Maitree super thermal power project is located at Rampal, in the district of Bagerhat, within Khulna division, Bangladesh.

86. Correct Answer: C

President Droupadi Murmu through a virtual event, launched 'Pradhan Mantri TB Mukta Bharat Abhiyaan' to eradicate TB by 2025.

87. Correct Answer: A

Army's Kharga Corps and the Air Force have conducted joint exercise 'Gagan Strike' in Punjab, a defence spokesperson said.

88. Correct Answer: C

The 50th All Manipur Shumang Leela Festival 2021-2022 was celebrated at Iboyaima Shumang Leela Shanglen at Palace Compound in Imphal.

89. Correct Answer: A

Max Life Insurance Company has recently announced the launch of 'Smart Flexi Protect Solution', a three-in-one offering that provides health and life cover, along with market-linked investment returns.

90. Correct Answer: C

Chief Justice of India, Justice Uday Umesh Lalit has inaugurated NALSA's Centre for Citizen Services at Jaisalmer house in New Delhi.

91. Correct Answer: C

DBS, a leading financial services group in Asia has announced its partnership with The Sandbox to create DBS BetterWorld, an interactive metaverse experience.

92. Correct Answer: B

Mukesh Ambani, the Chairman of Reliance Industries Limited (RIL) has announced to build India's first and one of the world's largest Carbon Fibre Plant in Hazira, Gujarat.

93. Correct Answer: C

Red Bull's Max Verstappen won the Formula 1 Italian Grand Prix at Monza recently. It was his 11th victory of the season.

94. Correct Answer: B

23-year-old India's Jehan Daruvala became the first Indian to win a Formula 2 race at Monza.

95. Correct Answer: D

Indian Institute of Technology Madras (IIT-Madras) is the first academic institute in the country to join an IBM

programme promoting quantum computing development and research.

96. Correct Answer: B

ICICI Lombard, a private non-life insurance company, launched an AI-powered digital voice agent in collaboration with Skit.ai, an AI-based voice automation platform.

97. Correct Answer: D

Google has recently announced that its proposed \$5.4 billion bid to buy cybersecurity firm Mandiant is now complete.

98. Correct Answer: B

Entrepreneur-cum-author PC Balasubramanian has authored a new book titled 'Rajini's Mantras: Life lessons from India's most-loved Superstar'.

99. Correct Answer: B

Hindi Diwas is celebrated on September 14 every year to make people aware about the importance and protection of Hindi language.

100. Correct Answer: A

India will invite Bangladesh as a Guest Country to take part in the G 20 meeting during its Presidency.

101. Correct Answer: D

World Ozone Day, also known as the International Day for the Preservation of the Ozone Layer, is observed annually on September 16 to bring attention to the ozone layer and the dangers of ozone depletion.

102. Correct Answer: A

The Minister of State for Electronics and Information Technology (MeitY), Rajeev Chandrasekhar, has recently inaugurated India's first lithium cell manufacturing facility at Tirupati, Andhra Pradesh.

103. Correct Answer: C

India's first High-Throughput Satellite (HTS) broadband service was launched by Hughes Communications India Private Limited (HCI) with support from the Indian Space Research Organisation (ISRO).

104. Correct Answer: A

Gautam Adani recently surpassed Jeff Bezos and Bernard Arnault to grab the second spot with a net worth \$154.7 billion, but only for a brief period.

105. Correct Answer: D

US President Joe Biden has announced a new 600 million dollar arms package to Ukraine.

106. Correct Answer: D

India has slid two places to the fourth rank on the Global Crypto Adoption Index 2022 released recently by Chainalysis.

107. Correct Answer: D

Vietnam has secured top position in the Global Crypto Adoption Index 2022 released recently by Chainalysis.

108. Correct Answer: C

The Reserve Bank of India (RBI) has allowed the Bharat Bill Payment System (BBPS) to process cross-border inbound payments to facilitate payment of utility bills by non-resident Indians (NRIs).

109. Correct Answer: A

Federal Bank was ranked 63rd on the Best Workplaces in Asia 2022 and becomes the only bank in India to be listed by Great Place to Work, the global authority on workplace culture.

110. Correct Answer: C

The Board of Directors of IndusInd Bank at its meeting held on September 15, 2022, approved the re-appointment of Sumant Kathpalia as the Managing Director & CEO of the Bank.

111. Correct Answer: C

Digital insurer Edelweiss General Insurance has tied up with Repco Home Finance Ltd. (RHFL) to offer insurance solutions to all home loan customers of RHFL.

112. Correct Answer: C

Sweden's Prime Minister Magdalena Andersson handed in her resignation after a right-wing bloc party won a narrow majority in Sweden's parliament.

113. Correct Answer: D

CSB Bank Limited announced the appointment of Pralay Mondal as the Managing Director & CEO of the Bank. His appointment is for a period of three years from September 15, 2022 up to September 14, 2025.

114. Correct Answer: C

The government has appointed Thomas M Devasia as member (non-life) in the Insurance Regulatory and Development Authority of India (IRDAI).

115. Correct Answer: A

Adani Group became the second-largest cement company in the country after it finalised the acquisition of Ambuja Cements and ACC Limited.

116. Correct Answer: D

Kazakhstan President Kassym-Jomart Tokayev signed a decree recently, officially changing the name of the capital Nur Sultan to Astana.

117. Correct Answer: C

The collaboration now enables NRIs to send money through SBI via Remitly to their family members while relaxing at home using mobile and web applications.

118. Correct Answer: A

Bengaluru FC has won its maiden and the 131st edition of the Durand Cup by defeating Indian Super League (ISL) giants Mumbai City FC 2-1.

119. Correct Answer: C

Noted Film Actor Manoj Bajpayee has recently released a book titled 'Muskurate Chand Lamhe aur Kuchh Khamoshiyan' authored by Jiwesh Nandan.

120. Correct Answer: D

Indian Naval Ship Ajay (P34) was decommissioned on September 19 after 32 years of illustrious and distinguished services to the nation.

121. Correct Answer: D

The Food and Agriculture Organization (FAO) and the World Food Programme (WFP) warned around 6.3 million people in Sri Lanka are dealing with mild to extreme acute food insecurity.

122. Correct Answer: A

The National List of Essential Medicines, or the NLEM focuses on three aspects - cost, safety and efficacy. It comprised 384 drugs across 27 categories.

123. Correct Answer: D

On the occasion of Hindi Day, the 2022 edition of the conference was organized at Pandit Deendayal Upadhyay Indoor Stadium in Gujarat's Surat city.

124. Correct Answer: D

The "Shoonya – Zero Pollution Mobility" campaign aims to improve air quality in India by accelerating the

deployment of electric vehicles (EVs) for ride-hailing and delivery services.

125. Correct Answer: A

International Water Association (IWA) World Water Congress & Exhibition 2022 was organized in Copenhagen, Denmark on September 12, 2022.

126. Correct Answer: B

Bangladesh pacer Rubel Hossain announced his retirement from Test cricket. Taking to Facebook, he announced his retirement and said that he wanted to give youngsters a chance to represent Bangladesh.

127. Correct Answer: B

Every year, International Red Panda Day is celebrated on September 18 to spread awareness regarding yet another species that is near extinction.

128. Correct Answer: B

Each year the International Day of Peace is observed around the world on 21 September.

129. Correct Answer: A

The Gujarati film 'Chhello Show' has been announced as India's official entry to the Oscars 2023. The film is set to release in theatres on October 14.

130. Correct Answer: C

India's Presidency of the prestigious Asia-pacific Institute of Broadcasting Development (AIBD) has been extended for one more year.

131. Correct Answer: C

The Reserve Bank of India has removed the Central Bank of India from the Prompt Corrective Action (PCA) framework after it found the bank was not in breach of any parameters.

132. Correct Answer: D

The Central government has appointed veteran industrialist Ratan Tata, former Supreme Court judge K.T. Thomas, and former Deputy Lok Sabha Speaker Kariya Munda as trustees of the PM CARES Fund.

133. Correct Answer: D

This year on 20th September, Railway Protection Force (RPF) celebrated its 38th Raising Day by members of the force and their families.

134. Correct Answer: C

World Rhino Day is observed every year on September 22 to spread awareness about the different Rhinoceros species around the world.

135. Correct Answer: D

Ace Indian wrestler and Olympic medalist Bajrang Punia captured a bronze medal in the men's 65 kg category at World Wrestling Championships. He defeated Puerto Rico's Sebastian C Rivera by 11-9.

136. Correct Answer: D

The central government has formed a five-member committee led by V K Paul, member (health) of NITI Aayog, to consider a "legally enforceable" mechanism for regulating the marketing practices of pharmaceutical firms.

137. Correct Answer: D

The country's first 'Dugong Conservation Reserve' has been notified in Tamil Nadu, the state government said.

138. Correct Answer: D

ICICI Prudential Mutual Fund has launched the industry's first auto index fund, the ICICI Prudential Nifty Auto Index Fund.

139. Correct Answer: A

Max Life Insurance has announced that Indian men's cricket team captain Rohit Sharma and his wife Ritika Sajdeh as their new brand ambassadors under a two year partnership agreement.

140. Correct Answer: D

Moto GP, the premier motorcycle racing event, will be held for the first time in India at Buddh International Circuit in Greater Noida, Uttar Pradesh in 2023.

141. Correct Answer: A

In a strategic move to further strengthen its cross-border payment solutions, TerraPay announced its partnership with NPCI International Payments Limited (NIPL).

142. Correct Answer: B

Ageas Federal Life Insurance (AFLI) becomes the first life insurance company in India to have 74% stake held by a foreign shareholder.

143. Correct Answer: C

Senior sports administrator Anil Khanna resigned as acting president of the Indian Olympic Association (IOA), saying he respects the views of the International Olympic Committee (IOC).

144. Correct Answer: A

National Cadet Corps (NCC) and United Nations Environment Programme (UNEP) signed a Memorandum of Understanding (MoU) in New Delhi to tackle the issue of plastic pollution.

145. Correct Answer: A

Reserve Bank of India banned Mahindra and Mahindra Financial Services Ltd. from carrying out any recovery or repossession activity through outsourcing arrangements till the ban is revoked by the RBI.

146. Correct Answer: C

Jharkhand has become the third state after Bihar and Odisha in eastern India to have Food Security Atlas for its rural areas.

147. Correct Answer: A

The Election Commission of India has released a new digital publication 'BLO e-Patrika' at an interactive session held with BLOs spread across the states in the country.

148. Correct Answer: B

BSF's first female camel riding squad is ready to be deployed along the India-Pakistan border in Rajasthan and Gujarat.

149. Correct Answer: C

Union Minister for Education and Skill Development and Entrepreneurship, Dharmendra Pradhan launched the new Ramakrishna Mission's 'Awakening' programme for students studying in classes 1 to 5.

150. Correct Answer: C

Telangana Chief Minister K Chandrashekhar Rao announced naming the newly-built state secretariat complex after Dr B R Ambedkar.



SECTION 3

Detailed Analysis of Important Events



Economics

Why are the fisherfolk protesting over Vizhinjam Port Project?



Vizhinjam near Thiruvananthapuram, is on the boil due to the under-construction Vizhinjam Port Project, from both sea and land.

Vizhinjam Port Project

- The Government of Kerala has undertaken the ambitious project of building the Vizhinjam International Transshipment Deep-water Multipurpose Seaport.
- Along with multipurpose and break bulk freight, container transshipment is its primary focus in design.
- In order to design, build, finance, operate, and transfer ("DBFOT") the port, a landlord model with a public-private partnership component is now being used.

Why protests are erupted?

- The protestors have been opposing the construction work by the Adani Vizhinjam Port Private Limited.
- Adani group is developing the port on DBFOT basis.

What lies at the heart of the protest?

- Fishermen claim that the port construction has made the coastal erosion along Thiruvananthapuram's shore worse.
- Stopping the building will allow for an urgent scientific investigation to be done to determine how the port work will affect the shoreline.
- Furthermore, after their homes were completely devastated by high-intensity coastal erosion, about 300 residents along the shoreline were relocated to relief camps.
- The demonstrators call for a comprehensive restoration plan, a guaranteed minimum income during bad weather-related seas, and discounted kerosene for boats.

Why the Vizhinjam project is considered important?

- The The port is situated 10 nautical miles from the main international sea route and the east-west shipping axis near the southernmost tip of the Indian Peninsula.
- Within a nautical mile of the coast, it has a natural water depth of more than 20 metres.
- The Vizhinjam port is probably going to be crucial to Kerala's and the nation's maritime development.

- The opening of the port is anticipated to boost the development of 17 smaller ports in the State and provide thousands of new job opportunities.

What is Kurki, and why is it a big issue in Punjab?



A farmer in Punjab has committed suicide outside the office of the Muktsar DC against kurki orders for his land based on a court case filed against him by the local moneylender for defaulting on loan payment.

What is Kurki?

- Kurki refers to the attachment of a farmer's land that has already been committed to a lender or a person in the event of a loan default.
- These orders against farmers are occasionally issued to commission agents and private moneylenders in addition to banks.

How is kurki executed?

- According to Section 60 of the Civil Procedure Code of 1908, kurki orders are carried out.
- The farmer's name is registered on the land that is pledged to the bank or money lender. The land may also be auctioned off occasionally.
- The procedure starts once the lender files a court petition to get kurki orders in the event that the farmer is unable to repay the debt.

- Attaching a farmer's land and tractor in Kurki is permitted in accordance with Section 60.

Why has a total ban on the century-old kurki law not been achieved?

- A complete ban on kurki was demanded in a petition submitted to the Punjab and Haryana High Court in 2018.
- However, the Punjab government claimed in its affidavit that there was no need to outlaw kurki because farmers were receiving assistance in the form of loan forgiveness, compensation, etc.
- Additionally, it noted that Section 60 of the Civil Procedure Code, 1908, which governs kurki, was over 110 years old and required extensive reform.

What is the ground reality?

- Farmers remind out that they are required to provide post-dated checks in exchange for loans, and that these checks are later used to get arrest warrants when checks bounce.
- Additionally, they claim that lenders of cash utilise pronotes bearing their signatures to get kurki orders.
- Promissory notes, or "pro-notes," are written agreements obtained from farmers and signed by them when the loan is disbursed.
- To punish farmers for failing to repay loans to cooperative societies and Punjab agriculture development banks, more than 2,000 arrest warrants were issued in April 2022.

Vande Bharat production to begin in October: Minister



Indian Railways had successfully completed trials of the second generation Vande Bharat train that will come with enhanced passenger comfort and safety features.

What is Vande Bharat Express?

- The Vande Bharat Express is a semi-high-speed train designed, developed, and built by the **Integral Coach Factory (ICF)**.
- Presently there are only **two Vande Bharat trains** that are running — *Delhi to Varanasi* and *Delhi to Katra*.

Key Features

- There are only two classes of seating available on the current Vande Bharat trains: chair cars and executive chair cars. However, Railways intends to modernise it.
- The trains feature sensor-based interconnecting doors in each coach, modular bio-vacuum toilets, rotating chairs in Executive Class, personal reading lights, automatic entry/exit doors with sliding footsteps, diffused LED

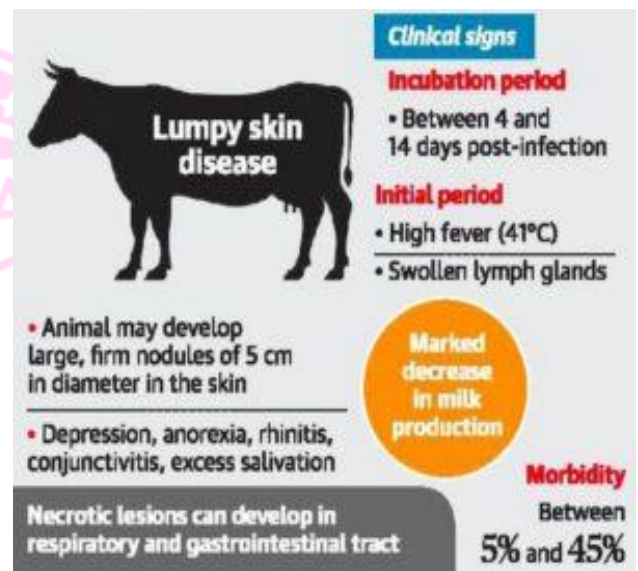
lighting, fully sealed gangways for a dust-free environment, and micro pantries.

- These trains are self-propelled and run without an engine. A distributed traction power system is the name given to this functionality.

Benefits of Vande Bharat Trains

- Cuts Travel Time Drastically
- Energy Efficient
- Reduce Turnaround Time
- Faster Acceleration and Deceleration among others.

Explained: Lumpy Skin Disease in India



The Mumbai Police have ordered the prohibition of cattle transportation in the city to prevent the spread of the lumpy skin disease (LSD).

What is the Lumpy Skin Disease?

- The lumpy skin disease virus (LSDV), a member of the poxviridae family and of the genus Capripoxvirus, is the culprit behind lumpy skin disease.

- The viruses that cause smallpox and monkeypox also belong to the same family.
- The immunological response to the LSDV is similar to that of the sheeppox virus (SPPV) and the goatpox virus (GTPV), or it exhibits antigenic similarities with those viruses.

How does it spread?

- Since it is not a zoonotic virus, humans cannot contract the illness.
- It is a contagious vector-borne disease that mostly affects host animals like cows and water buffaloes and is carried by vectors like mosquitoes, certain biting flies, and ticks.
- Animals with the virus shed it through their oral and nasal secretions, which can pollute public water and feeding troughs.
- Therefore, the disease can spread through contaminated food and drink as well as through direct contact with the vectors.
- It can also spread during artificial insemination through animal semen, according to studies.

How does it affect the animal?

- The lymph nodes of the infected animal are affected by LSD, which gives it its name since the nodes grow and resemble lumps on the skin.
- The head, neck, limbs, udder, genitalia, and perineum of the infected cattle develop cutaneous nodules that are 2–5 cm in diameter.
- The nodules may later develop into ulcers and eventually form skin scabs.
- Infertility and miscarriages are among the additional symptoms, along with a high fever, a fast decrease in milk production, discharge from the eyes and nose, salivation, appetite loss,

depression, damaged skins, and wasting of animals.

Lumpy in India

- After initially affecting Bangladesh in July 2019, the spread in South Asia reached India in August of the same year, with the first cases being discovered in Odisha and West Bengal.
- A substantial amount of bilateral and unofficial animal traffic, particularly that of cattle and buffaloes, is made possible by the extensive and porous borders between India, Nepal, and Bangladesh.
- This might have helped LSD spread from Bangladesh to India in July to August of this year.
- The latest outbreak in India started in June of this year, while the 2019 outbreak eventually subsided.

Is it safe to consume the milk of affected cattle?

- According to studies, it has not been possible to determine whether milk from the sick cow contains a viable and contagious LSDV virus.
- To manufacture milk powder, a sizable amount of the milk in Asia is treated once it is collected and is either pasteurised, boiled, or dried.
- By using this method, the virus is either eliminated or rendered inactive.

Why India is at higher risk?

- With an annual production of roughly 210 million tonnes, India is the world's largest milk producer.
- India also has the most cattle in its herds.
- In Rajasthan, where LSD is having the greatest negative effects, there has been a three to six lakh litre per day decrease in milk output.

- According to reports, Punjab's milk supply has decreased as a result of the disease's spread.
- The FAO reports that the disease poses a serious danger to the livelihoods of smaller chicken farmers.
- Notably, farmers in Uttar Pradesh and Punjab have suffered losses as a result of the deaths of their cattle and are asking their State governments for compensation.

Remedies available in India

- The Union Ministry of Fisheries, Animal Husbandry and Dairying informed that the '**Goat Pox Vaccine**' is very effective against LSD.
- It is being used across affected States to contain the spread.

Way forward

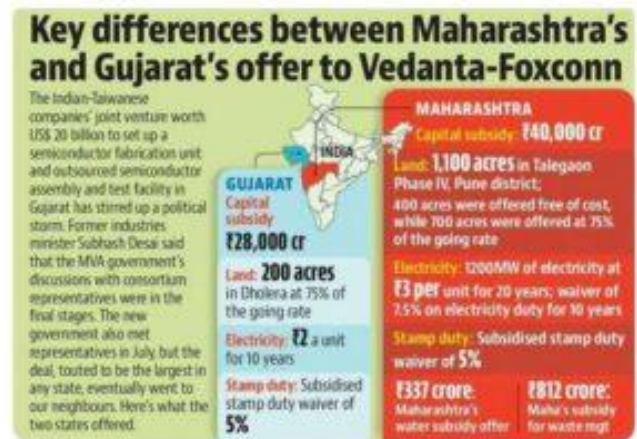
The FAO has suggested a set of spread-control measures for LSD, which involves:

- Vaccination of vulnerable groups with a coverage rate of at least 80%
- Bovine animal movement restrictions, quarantining
- Implementing biosecurity through insecticide- and sanitizer-sprayed pesticide vector control in sheds
- Enhancing both passive and active surveillance
- Spreading knowledge about risk reduction among all parties involved, and
- Establishing extensive protection, surveillance, and immunisation zones.

Government approves 50% incentive of project cost for setting up Semiconductor Units

The Union Cabinet has approved a uniform incentive of 50% of the project cost for setting up semiconductor, display and compound semiconductor fabrication units.

Why in news?



- A political raging firestorm is happening in Maharashtra.
- Despite choosing a location near Pune and spending \$20 billion on a Vedanta-Foxconn semiconductor manufacturing facility there, The Vedanta Limited changed its mind (Mh).
- A significant semiconductor supplier to Apple is Foxconn. It has ceased operations in Shenzhen, China's IT hub, and has relocated to India.
- Such intentions have been disclosed by larger corporations like Intel, TSMC, Samsung, etc.

About the Incentive Scheme

- The "Programme for Development of Semiconductors and Display Manufacturing Ecosystem" is the name of the initiative.

- The three plans' incentives formerly ranged from 30 to 50%.
- While incentives for setting up compound semiconductor fabs and display fabrication were typically 30% of the project's total cost, incentives for setting up semiconductor fabrication were based on the size of the chip.
- With semiconductors serving as the fundamental building element, this plan seeks to represent India's status as a global centre for electronics manufacturing.
- Uncertain Indian market: An Indian semiconductor production facility cannot solely rely on Indian consumers for all of its sales. In order to counteract shifts from the Indian market caused by market trends, government laws, etc., they must maintain their base of international customers.
- Hazardous waste disposal: During the fabrication process, poisonous substances like arsenic, antimony, and phosphorus are used. India's effort to reducing climate change may be hampered by the industry's hazardous environmental impact.

Why need such an incentive?

- Huge Investments Are Involved: To operate, a semiconductor fabrication factory needs numerous pricy devices. Within the ultra-clean confines of the facility, sophisticated tools and equipment are needed to assess quality and transfer silicon from one spot to another.
- Scale economies: To keep up with the industry's growing demand for semiconductors, a high volume production must be maintained. At the same time, a solid financial foundation is needed because the Indian market is extremely vulnerable to financial changes.
- Need for highly skilled labour Electronic circuits are gradually built on a wafer formed of pure semiconducting material throughout the multiple-step photolithographic and chemical processing stages that make up semiconductor manufacture. In fact, this calls very advanced abilities.
- Lack of raw materials: From the standpoint of the value chain, it requires silicon, Germanium & Gallium arsenide, and Silicon carbide, none of which are found in India and must be imported.

Way forward

- Policy framework: Because foundry establishment requires a significant investment in capital, it must be backed by a sound long-term strategy and adequate funding. Both the government and the entrepreneur must provide this support.
- Fiscal support: According to the Indian government's text, tax holidays, subsidies, zero-duty policies, financial investments, etc., will be crucial in boosting the Fab and the semiconductor sector in India. This will increase the already significant Fiscal Deficit.
- Infrastructure Support A modern Fab needs to have access to world-class, sustainable infrastructure that includes things like quick transit, a lot of clean water, consistent electricity, communication, a clean environment, etc.

Forex Reserves to dip by \$23 billion by Dec



India's depleted foreign exchange reserves are likely to drop further, falling to their lowest level in more than two years by end-2022.

Forex to dip

- In a battle that has so far failed to staunch the rupee's fall to a record low against the greenback, the RBI has drawn down its foreign exchange reserves by close to \$100 billion, to \$545 billion.
- Those reserves are forecast to fall another \$23 billion to \$523 billion by the end of this year.

What is Foreign Exchange (Forex) Reserve?

- Important assets kept by the central bank in foreign currencies as reserves are known as foreign exchange reserves.
- They are frequently employed to establish monetary policy and support the currency rate.
- In the case of India, foreign reserves consist of gold, dollars, and a certain amount of SDRs from the IMF.
- Given the currency's significance in the global financial and trade system, the majority of reserves are typically stored in US dollars.
- In addition to holding reserves in US dollars, some central banks also hold reserves in Chinese yuan, British pounds, Japanese yen, and euros.

India's forex reserves cover:

- Foreign Currency Assets (FCAs)
- Special Drawing Rights (SDRs)
- Gold Reserves
- Reserve position with the International Monetary Fund (IMF)

Why are these reserves so important?

- Due to the fact that all foreign transactions are settled in US dollars, India must support its imports.
- More significantly, they must continue to support and have faith in the actions of the central bank, whether they be monetary policy decisions or attempts to stabilise the exchange rate.
- It also aids in reducing any vulnerability brought on by unforeseen disruptions in foreign financial flows that can occur during a crisis.
- Holding liquid foreign currency offers protection from such effects and gives assurance that there will be enough foreign currency to support the nation's imports in the event of external shocks.

Initiatives taken by the government to increase forex

- The Indian government has launched numerous programmes to boost foreign exchange reserves, such as AatmaNirbhar Bharat, which aims to make India self-sufficient so that it won't need to import goods that it can make.
- In addition to Aatma Nirbhar Bharat, the government has launched several programmes, including the Nirvik (Niryat Rin Vikas Yojana) programme and the Remission of Duty or Taxes on Export Product (RoDTEP) programme.

- In addition to these programmes, India is among the top nations that attracted the most foreign

direct investment, boosting its foreign exchange reserves.

Environment & Diversity

Effecting the Ban on Single-Use Plastics



Since July 1, 2022, India has banned the manufacture, import, stocking, distribution, sale, and use of single-use plastics (SUP) items with low utility and high littering potential.

What are single-use plastics?

- The term "single-use plastics," sometimes known as "disposable plastics," refers to materials that are frequently used for plastic packaging and are meant to be used just once before being discarded or recycled.
- Grocery bags, food packaging, bottles, straws, containers, cups, and silverware are a few examples of these.

Why are single-use plastics harmful?

- Single-use plastics are designed to be used only once or for a brief time before being discarded. The effects of plastic trash on the environment and public health are profound.
- Single-use plastic items are more likely than reusable ones to end up in the ocean.

SUP ban in India

- India has made a concerted effort to reduce the pollution brought on by abandoned single-use plastics.
- Earbuds with plastic sticks, balloon sticks, plastic flags, candy sticks, ice cream sticks, polystyrene (thermocool) for decorations, plates, cups, glasses, cutlery such as forks, spoons, knives, straws, etc. are just a few of the goods that are prohibited.
- Additionally, India has outlawed stirrers, banners made of plastic or PVC with a thickness of less than 100 microns, etc.

Ban elsewhere

- Single-use plastics have been prohibited in other nations before India.
- In 2002, Bangladesh became the first nation to outlaw thin plastic bags; in July 2019, New Zealand followed suit.
- In 2020, China announced a ban on plastic bags that will be implemented gradually.
- 68 nations had plastic bag bans in place as of July 2019 with various levels of enforcement.

What are the plastic waste management rules in India?

- India has the Plastic Waste Management Amendment Rules, 2021, which are in effect as of September 30, 2021.
- The production, importation, stocking, distribution, sale, and usage of plastic carry bags

with a thickness of less than 75 microns were all outlawed.

- Plastic carry bags with a thickness of less than 120 microns will no longer be legal as of December 31, 2022.
- It means that while the restriction does not apply to all plastic bags, it does mandate that they be thicker than 75 microns (up from 50 microns), which is what manufacturers were previously required to produce.
- The threshold will be raised to 120 microns in December of this year in accordance with the notification.

- By implementing tried-and-true methods, it intends to assist diving and snorkelling operators around the world in making straightforward, affordable modifications to their regular procedures.
- They may engage with their communities and clients and keep track of their yearly improvements.

Membership of Green Fins Hub

- Two membership categories will be supported by it. One would be the global availability of digital membership for liveaboard, diving, and snorkelling activities.
- Operators will obtain environmental scores for each year of membership based on a thorough online self-evaluation and the advancement of their action plans.
- The Certified Members will still undergo yearly evaluations and on-site instruction at their business.
- Operators from around the world will be able to debate environmental concerns, voice industry needs, and exchange ideas and insights with like-minded business executives, nonprofit organisations, and governments on this platform.

UNEP launches Green Fins Hub



The United Nations Environmental Programme (UNEP) has launched the Green Fins Hub, a global digital platform to give sustainable marine tourism a 'major boost'.

Green Fins Hub

- A pioneering online assistance platform, the Green Fins Global Hub, will encourage diving operators to scale up their everyday environmental practises improvement.

Southwest Monsoon begins early Withdrawal/Retreat



The southwest monsoon rainfall, 7% more than normal, has started to withdraw.

What is Monsoon Withdrawal/Retreat?

- In India, the term "retreating monsoon" refers to the south-west monsoon winds leaving North India.
- About three months pass throughout the progressive withdrawal process.
- The clouds vanish and the sky turns clear as the monsoons move on. The daytime temperature begins to rapidly decrease.
- Except for a few southeastern provinces, monsoon rains wane throughout much of India.
- It aids in the cultivation of Rabi crops.

Factors affecting the retreat

Two predominant factors cause the phenomenon:

(1) Land topography

- First, the low mountain range in each region runs from north to south, shielding it from west-bound winds that trigger summer monsoon.
- After summer, the range aids in the 'orographic lift' or rising of east-bound air mass from a lower to higher elevation, forming clouds and resulting in rain.

(2) Atmospheric convection

- Atmospheric convection, or the vertical flow of air, is the second element.
- Various surfaces absorb different quantities of energy as the sun heats the planet, and convection may happen if the surface heats very quickly.

- The air above the surface is heated by the warming surface, which causes it to gradually lose density and start rising.
- Because of the impact that sea surface temperature, or water temperature, plays, this condition is more favourable from September to February.

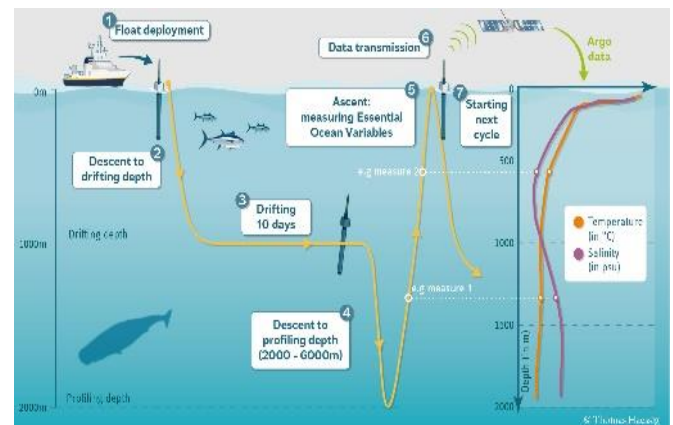
Immediate factors influencing withdrawal

- The withdrawal of the monsoon is based on meteorological conditions such as-
 1. Anti-cyclonic circulation (dry air that is the opposite of a cyclone)
 2. Absence of rain in the past five days and
 3. Dry weather conditions over the region

When does it occur?

- Although the IMD regards September 30 as the last day of the season over India, the monsoon withdrawal is a drawn-out process that lasts until mid-October.
- The subsequent rain is referred to as "post-monsoon" rain.

What is International Argo Program?



The International Argo Program system to observe carbon concentration in the world's oceans is extremely inadequate to meet the growing and urgent need for information on oceanic carbon, says a report.

What is Argo?

- Since its inception in the early 2000s, Argo has used profiling floats to collect data on temperature, salinity, currents, and most recently, bio-optical characteristics in the Earth's seas.
- Its real-time data is employed in climatic and oceanic studies.
- Quantifying the heat content of the water is a particular research topic (OHC).
- Each piece of equipment (float) spends practically all of its time submerged.
- The array of floats was given the name Argo because it collaborates with the Jason earth observation satellites to measure the form of the ocean surface.
- Jason sailed the Argo in Greek mythology in search of the Golden Fleece.

What are its aims?

- Some of the floats measure additional characteristics that reflect the biology and chemistry of the ocean, and the data collected by Argo describes the temperature and salinity of the water.
- The main goal of gathering this data is to clarify how the oceans affect the planet's climate.

- When the effects of tides are taken into account, changes in sea level, for instance, depend on both the amount of heat stored in the oceans and the melting of icecaps.
- We can determine how much heat is stored thanks to Argo's temperature readings, and we can track variations in the heat distribution with depth and from region to region through time.
- Like the mercury on a thermometer, sea level rises as ocean heat content does.

How does it work?

- Each Argo float, which can range in price from \$20,000 to \$150,000 depending on its technological specifications, is launched from a ship.
- The weight of the float is precisely regulated such that when it sinks, it will finally stabilise at a predetermined level, often 1 km.
- Ten days later, an internal battery-powered pump moves oil between an exterior bladder and a reservoir inside the float.
- This causes the float to first sink to a depth of 2 km before rising back to the surface and monitoring the characteristics of the ocean.
- The information and float location are transmitted to satellites, which then deliver it to receiving sites on land.
- After repeating the 10-day cycle until its batteries run out, the float sinks once more.

Governance

Bhang, Ganja, and criminality in the NDPS Act



While granting bail to a man arrested on June 1 for possessing 29 kg of bhang and 400 g of ganja, Karnataka High Court recently observed that nowhere in the Narcotic Drugs and Psychotropic Substances (NDPS) Act is bhang referred to as a prohibited drink or prohibited drug.

What is Bhang?

- The cannabis plant's leaves are used to make bhang, an edible preparation that is frequently added to various dishes and drinks including thandai and lassi.
- Bhang has been consumed for millennia on the Indian subcontinent, and it is especially popular during the Holi and Mahashivratri celebrations.
- When Garcia da Orta, a Portuguese physician who arrived in Goa in the 16th century, noted that "bhang is so commonly utilised and by such a number of people that there is no mystery about it," it attracted the attention of Europeans.

Bhang and the law

- The NDPS Act, which was passed in 1985, is the primary piece of legislation that addresses drug use and trafficking.
- A number of the Act's sections make it illegal to produce, manufacture, sell, possess, consume, buy, transport, or use illegal narcotics for anything other than medical and scientific objectives.
- Cannabis (hemp) is classified as a narcotic drug under the NDPS Act based on the plant parts that fall under its jurisdiction.

Cannabis and criminal liability

- The penalties for producing, manufacturing, selling, buying, importing, and exporting cannabis between states are outlined in Section 20 of the NDPS Act.
- Based on the quantity of narcotics seized, the appropriate sentence is determined.
- A minor infraction (100 g of charas/hashish or 1 kilogramme of ganja) will result in strict imprisonment for a term that may not exceed one year and/or a fine that may not exceed Rs 10,000.
- For a commercial quantity (1 kg of charas/hashish or 20 kg of marijuana), strict imprisonment for at least 10 years, with the possibility of an additional two years, and a fine of at least Rs. 1,000,000 but up to Rs. 2,000,000 are the penalties.
- When the violation involves a quantity more than small quantity but less than commercial, strict imprisonment up to 10 years is mandated, along with a fine that may reach Rs. 1,000,000.

What is the PM SHRI Scheme?



Prime Minister has announced that under the PM SHRI Scheme, as many as 14,500 schools will be “upgraded” across India to showcase the components of the National Education Policy, 2020.

What is the PM SHRI scheme?

- PM SHRI Schools would be the name of the centrally supported initiative, according to the Ministry of Education (PM Schools for Rising India).
- As part of it, up to 14,500 schools in states and union territories would undergo renovations to reflect the major components of the NEP, 2020.
- The Ministry of Education hosted a conference in Gandhinagar, Gujarat, in June where the proposal was initially discussed with the education ministers of the states and UTs.
- The PM SHRI will serve as "NEP labs" even if there are excellent schools like Navodaya Vidyalayas and Kendriya Vidyalayas.

How will PM SHRI schools be different from Kendriya Vidyalayas or Jawahar Navodaya Vidyalayas?

- Both Kendriya Vidyalayas and Jawahar Navodaya Vidyalayas fall under the jurisdiction of the Ministry of Education of the Centre. The Union government's Central Sector Schemes totally fund them.
- While JNVs were created to support gifted students in rural areas of the nation, KVs mostly serve children of Union government personnel posted in states and UTs.
- PM SHRI schools, in contrast, will be an improvement of current schools sponsored by the Center, states, UTs, and local organisations.
- As a result, PM SHRI schools may be KVs, JNVs, state government schools, or even those managed by municipal corporations.

Where will the PM SHRI schools come up?

- The list of colleges that have been picked for this purpose has not yet been made public by the Center.
- However, it has also stated that the PM SHRI schools will "provide mentorship" to other schools nearby.
- These schools will have cutting-edge facilities like labs, smart classrooms, libraries, sporting goods, art studios, etc.
- Additionally, it will be designed as a green school with energy-efficient infrastructure, recycling of garbage, water conservation, and curriculum integration of an organic lifestyle.

What is National List of Essential Medicines (NLEM)?

DRUGS LIST GETS A REJIG

▶ **Four major anti-cancer drugs** – bendamustine hydrochloride (leukemia), Irinotecan HCl trihydrate (pancreatic cancer), lenalidomide (multiple myeloma), and leuprolide acetate (prostate and uterine cancer) – added to NLEM 2022

▶ **Insulin glargine and anti-diabetic drug** teneligliptin also included

▶ **Patented drugs** dolutegravir (anti-HIV), daclatasvir (Hepatitis C), and bedaquiline and delamanid (anti-TB) also part of the list



▶ **Common gastrointestinal drug** ranitidine removed

▶ **Disinfectants like bleaching powder** also taken off the list

The latest National List of Essential Medicines (NLEM) released September 13, 2022 by the Union health ministry added 34 new medicines and dropped 26 old ones from the previous list.

What is NLEM?

- The World Health Organization (WHO) defines essential medicines as those that meet the population's top healthcare needs.
- The first National List of Essential Medicines of India, which included 279 medications, was subsequently created and publicised in 1996 by the Ministry of Health and Family Welfare.
- The list is compiled taking into account the prevalence of the diseases, the effectiveness, safety, and comparative cost-effectiveness of the medications.
- Such medications are supposed to be readily available in sufficient quantities, in suitable dose forms and strengths, and with guaranteed quality.
- They ought to be accessible in a way that a person or a group of people may afford.

NLEM in India

- Because the National Pharmaceutical Pricing Authority (NPPA) caps medicine prices and only

allows modifications based on wholesale price index-based inflation, drugs listed under NLEM, also known as scheduled drugs, will be less expensive.

- The list also covers anaesthetics, HIV, tuberculosis, cancer, contraceptives, hormonal medications, and anti-infectives for treating diabetes, such as insulin.
- They represent 17–18% of the local pharmaceutical market, which is thought to be worth 1.6 trillion rupees.
- Companies who offer non-scheduled medications have the ability to increase prices by up to 10% annually.
- The department of pharmaceuticals under the ministry of chemicals and fertilisers typically adds newly issued NLEM to the Drug Price Control Order after which the NPPA regulates the price.

Significance of EML

- The creation of an essential medicines list (EML) is anticipated to improve the standard of medical treatment, the administration of medications, and the economical use of healthcare resources.
- This is crucial for a resource-constrained nation like India.
- The objective of the list of essential medications is to increase the accessibility and responsible use of medications.

Tamil Nadu's new Breakfast Scheme in Schools



Tamil Nadu CM has launched the Chief Minister's Breakfast Scheme for students of Class I to V in government schools.

CM's Breakfast Scheme

- Around 1.14 lakh pupils are covered by the programme in 1,545 schools, including 728 taluk and village panchayat-level schools and 417 municipal corporation schools.
- The launch of the programme represents a significant turning point in the State's history of offering free meals to students.

Beneficiaries of the programme

- Currently, there are 43,190 centres serving wholesome meals to over 7 lakh clients.
- This includes about 3,500 youngsters attending special schools run by the National Child Labour Project (NCLP).
- Additionally, roughly 15.8 lakh kids between the ages of 2 and 5 receive healthy meals as a result of the Integrated Child Development Scheme

(ICDS) and the nutritious meal programme being implemented in tandem.

Impact on school education

- Increase in enrollment: From July to September 1982, the Gross Enrollment Ratio (GER) at primary level (standards I to V) increased by 10% over the same period in 1981 following the implementation of the midday meal scheme's upgraded version in 1982.
- Females' enrollment: According to a report released by the Tamil Nadu government to mark the start of the Scheme, enrollment among boys increased by 12% while that among girls increased by 7%.
- Attendance increase: Similarly, attendance increased from July through September 1982 by 33% compared to the same period the previous year.

Focus areas programme

- According to the 2019–21 National Family Health Survey (NFHS)–5 report, anaemia is a significant public health issue in Tamil Nadu, particularly for women and children.
- The prevalence of anaemia in children has increased to 57% from 50% during the 2015–16 NFHS-4 period.
- The departments of School Education, Public Health, Social Welfare, and Women Empowerment can work together to address this health concern as well as numerous others.
- Additionally, a sustained review of the scheme's and the food program's progress should be conducted in a constant and thorough manner.

Eklavya Schools get short shrift in teacher recruitments



The Ministry of Tribal Affairs has so far been unable to fix the teacher shortage faced across 378 of Eklavya model residential schools (EMRS) that are currently functional.

Eklavya Model Residential Schools (EMRS)

- To provide ST children in rural locations with a high-quality education, EMRS was founded in 1997–1998.
- It strives to give students access to possibilities in highly professional educational programmes and help them find employment in a variety of industries.
- The holistic development of the kids is a priority for the schools in addition to academic instruction.
- There are 480 students allowed in each school, which serves students in grades VI through XII.

- Until now, the State Governments received grants under Article 275 (1) of the Constitution for the construction of schools and recurring expenses.
- In addition to offering instruction in sports and skill development, Eklavya schools are on par with Navodaya Vidyalaya and have particular facilities for maintaining local art and culture.

Features of Eklavya Schools

- Children from Primitive Tribal Groups, first-generation students, etc. will be given preference in the selection/competition process for admission to these schools.
- The State Government would provide enough free land for the school, playgrounds, hostels, residential areas, etc.
- There will be an equal number of seats for males and girls.
- The cost of education will be zero in these institutions.

Where are the Eklavya schools located?

- Every block with more than 50% ST population and at least 20,000 tribal members shall have an EMRS by the year 2022, it has been decided.
- It is suggested to establish Eklavya Model Day Boarding School (EMDBS) on an experimental basis wherever the density of ST population is higher in the designated Sub-Districts (90% or more).
- They want to expand the options available to ST students who wish to pursue an education at a school without a residential unit.

History

How India adopted its military flags and badges based on Lord Mountbatten's suggestions?



The new Naval Ensign (flag), which will be unveiled by PM in Kochi, has brought into focus the flags and ranks adopted by the Indian military after Independence.

Why in news?

- Documents accessed from National Archives of India show that Lord Mountbatten, former Viceroy and Governor General of India, played a major role in suggesting new flags and rank badges.
- This was when India was about to become a Republic on January 26, 1950.

When did India switch from British-era flags and ranks?

- When India became a Republic, the British-era flags and ranks were replaced (26th Jan, 1950).
- Before that, the military's rank flags and badges followed a British design.
- On January 26, 1950, the Army, Navy, and Air Force adopted their new Indian-style flags as well as the Army's regimental flags and rank insignia.

- On the same date, the "Kings Commission" given to Indian military officers was likewise converted to a "Indian Commission."
- The King's Colours of the various Regiments were then interred at the Indian Military Academy (IMA), Dehradun, on a later date.

When did Lord Mountbatten come into the picture?

- Files from 1949 in the national archives contain a thorough note from Lord Mountbatten on the names, flags, and positions of the armed forces, as well as PM Nehru's letter to the then-Defense Minister Baldev Singh addressing Mountbatten's recommendations.
- According to records, Lord Mountbatten gave Nehru the note when they met in London.
- On May 24, 1949, the PM's office forwarded a memo to the office of the then-Governor General C. Rajagopalachari, indicating that it was on the matter of "Names and Insignia of Indian Armed Forces" following India's conversion to a republic.
- The memo should be presented to the Governor General, according to the letter as well.

How did the Indian government react to Mountbatten's suggestions?

- In a letter from September 1949 to the then-defence minister, Nehru expressed his agreement with the former governor general's advice to make as little alteration as feasible.
- The improvements Mountbatten recommended for the Navy were specifically noted by the then-prime minister.

- Later, in May 1949, Governor General C. Rajagopalachari replied to Nehru in agreement with Mountbatten's recommendations.
- In the end, almost all of Mountbatten's recommendations were adopted and put into practise beginning on January 26, 1950.

Who was activist-author Annabhau Sathe?



Maharashtra's Deputy Chief Minister and other leaders are in Moscow to unveil the statue of Lok Shahir (balladeer) Annabhau Sathe at the All-Russia State Library for Foreign Literature.

Why in news?

- Sathe's work was immensely inspired by the Russian revolution and the Communist ideology.
- He was a member of the Communist Party of India (CPI), and featured among the selected authors from India whose work was translated in Russian.

Who was Anna bhau Sathe?

- Tukaram Bhaurao Sathe was born in a Dalit family on August 1st, 1920 in Maharashtra's Wategaon village in the Satara district. Tukaram

Bhaurao Sathe eventually became known as Annabhau Sathe.

- His family moved to Mumbai from the village around 1930. He performed labour as a porter, hawker, and even a cotton mill assistant here.
- He took part in a workers' strike in Mumbai in 1934 that was led by the Lal Bawta Mill Workers Union.
- He met R B More, a companion of Dr. Babasaheb Ambedkar in the renowned "Chavdar Lake" satyagraha at Mahad, while he was a camper at the Matunga Labor Camp, and he joined the labour study group.
- He couldn't attend school in his village since he was a Dalit. His reading and writing skills were developed throughout these study groups.

How did Anna start writing songs, ballads and books?

- The threat of mosquitoes at the labour camp inspired Sathe to write his first poem.
- He founded the Dalit Yuvak Sangh, a cultural organisation, and he began penning poems about the agitations and rallies of workers.
- In the past, the band would play in front of the mill gates.
- At the same time, the Progressive Writers Association was established on a national basis. Members included Premchand, Faiz Ahmad Faiz, Manto, Ismat Chughtai, Rahul Sankrutyayan, and Mulkraj Anand.
- Sathe became obsessed with the Marathi translations of the Russian writings of Maxim Gorky, Anton Chekhov, Leo Tolstoy, and Ivan Turgenev.

What was his Russian connection?

- He was once referred to as Maharashtra's Maxim Gorky.
- His compositions reveal his deep inspiration from Gorky's "The Mother" and the Russian revolution.
- In 1961, he and few other Indians made a trip to Russia.

Is there a reason behind the statue being unveiled now?

- Sathe belonged to the Dalit Matang community.
- Sathe is now limited to serving as a symbol of a specific group because the Left was unable to appropriate his artistic legacy.
- The right side wants to take credit for Sathe becoming a world icon.
- The central government is exploiting this opportunity to foster greater cultural exchange between the two nations, as seen by the installation of Sathe's oil painting at the Indian consulate in Moscow.

Who was Arattupuzha Velayudha Panicker?



A recently-released Malayalam film Pathonpatham Noottandu ('Nineteenth Century') is based on the life of Arattupuzha Velayudha Panicker, a social reformer from the Ezhava community in Kerala who lived in the 19th century.

Who was Arattupuzha Velayudha Panicker?

- Panicker was one of the most important characters in Kerala's reformation movement and was born into a wealthy family of merchants in the Alappuzha area.
- He brought about improvements in the lives of both men and women by challenging the hegemony of the upper castes, or "Savarnas."
- The caste system and social structure in Kerala were extensively undermined as a result of the social reform movement in the 19th century.
- Panicker, who was 49 years old, was killed in 1874 by a group of men from the upper caste. As a result, he qualifies as the Kerala Renaissance's "first martyr."

What was Panicker's role in initiating social reforms?

- Two temples to the Hindu god Shiva that were open to people of all castes and religions are claimed to Panicker.
- One was constructed at his hometown of Arattupuzha in 1852, and one was constructed in Thanneermukkom, another hamlet in the Alappuzha area, in 1854.
- He made some of his most important contributions while advocating for the rights of women from Kerala's underprivileged areas.
- He was the strike leader for the Achippudava Samaram at Kayamkulam, Alappuzha, in 1858.

- During this strike, it was hoped that women from disadvantaged groups would be granted the freedom to dress in lower clothing that reached their knees.
- This was expanded upon in 1859 to include the Ethappu Samaram, a battle by women from lower castes for the right to wear an upper body garment.
- He organised the Mukkuthi Samaram in 1860 at Pandalam in the Pathanamthitta district to support lower-caste women's rights to wear nose rings and other gold jewellery.

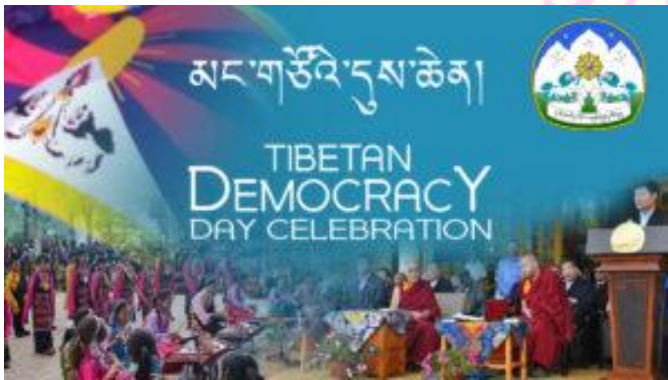
- These struggles were crucial in upending the social order and elevating the status of women from lower socioeconomic classes in public life.

Other work

- Apart from issues related to women, Panicker also led the first-ever strike by agricultural labourers in Kerala, the Karshaka Thozhilali Samaram, which was successful.
- He also established the first Kathakali Yogam for the Ezhava community in 1861, which led to a Kathakali performance by Ezhavas and other backward communities, another first for them.

International Relations

Importance of Tibetan Democracy Day



A little more than six decades ago, Tibetan Democracy Day was marked with the inauguration of the Tibetan government-in-exile in Dharamshala on September 2.

Tibetan Democracy Day

- Less than a year after entering India, in February 1960, the Fourteenth Dalai Lama presented a comprehensive plan for exiled Tibetans to exercise democracy in Bodh Gaya, the site of the Buddha's enlightenment.

- He advised them to form an elected body with three exiled MPs from each of the three provinces and one representative from each of the four religious schools of Tibetan Buddhism, according to the Tibetan Parliament-in-Exile (TPiE) website.
- 13 elected representatives—referred to as "Deputies"—were named the "Commission of Tibetan People's Deputies" following the elections (CTPD). Invocation day was September 2, 1960.
- After that, this day started to be publicly observed as Tibetan Democracy Day starting in 1975.

Parliament-in-Exile

- The Central Tibetan Administration's top legislative body is the TPiE. (CTA).
- One of the three pillars of Tibetan democratic government, along with the judiciary and the Kashag, or executive, is referred to as this.

- The TPIE website emphasises the Dalai Lama's dedication to the democratic principle by quoting him from the 1963 Constitution for Tibet's Foreword:
- In Dharamsala, Himachal Pradesh, the CTA is headquartered.
- Elections are held to choose the members of the TPIE and their Sikyong every five years (Prime Minister). 2016 saw the election of the 16th TPIE.



The ninth session of the governing body of the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) has recently begun in New Delhi.

Theme of this years event

- The theme of the meeting is 'Celebrating the Guardians of Crop Diversity: Towards an Inclusive Post-2020 Global Biodiversity Framework'.

What is the Plant Treaty?

- The Food and Agriculture Organization of the United Nations adopted the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) on November 3, 2001.
- It was drafted in Madrid in 2001 and went into effect on June 29, 2004.
- As the longtime guardians of the world's food crops, indigenous people and small-holder farmers have made great contributions, and this document is the first legally binding international agreement to do so.
- It also urges governments to safeguard and support people's rights to preserve and utilise the seeds they have nurtured for millennia.
- After almost three years, the parties to this treaty have gathered to talk about the

The Government-in-Exile

- The Tibetan Government-in-Constitution Exile's was ratified by the Dalai Lama on March 10, 1963. (TGiE).
- The Tibetan Supreme Justice Commission assumed the role of the CTA's judicial branch in 1991, while the Kashag assumed the role of the organization's executive branch.
- No nation, including India, has formally recognised the TGiE.
- The Sikyong and other Tibetan officials, however, are directly dealt with by many nations, including the US, through a number of forums.
- The TPIE claims that being democratically elected gives it an advantage in managing Tibetan issues and advancing the Tibetan cause internationally.
- Since 2011, Lobsang Sangay has served as the leader of the Kashag or Cabinet (first as Kalön Tripa and subsequently as Sikyong), formerly known as the CTA's Sikyong (known as Kalön Tripa until 2012).

What is the Plant Treaty?

management of agricultural biodiversity and global food security.

Objectives of the treaty

The treaty aims at:

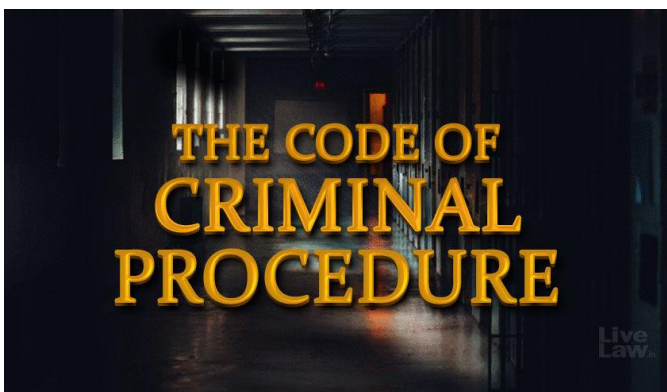
1. Guaranteeing food security through the conservation
2. Exchange and sustainable use of the world's plant genetic resources for food and agriculture (PGRFA)
3. Fair and equitable benefit sharing arising from its use, as well as
4. Recognition of farmers' rights.

Key feature: Annex 1 Crops

- The treaty established a Multilateral System (MLS) of access and benefit sharing among the ratifying nations for a list of 64 of the most significant food and forage crops necessary for interdependence and food security.
- The treaty's Annex 1 contains a list of the genera and species. The agreement supports the ongoing, unrestricted interchange of food crops' genetic resources.
- Major food crops and forages are included in the list of plant genetic material covered by the Multilateral System of the Treaty.
- Legume forages and grass forages are other divisions of the forages.
- They were chosen while taking into account the requirements of food security and interdependence across countries.

Polity

Explained: Bail for Women



An activist recently walked out of a prison, a day after the Supreme Court granted her interim bail in a case of allegedly fabricating evidence related to the 2002 Gujarat riots.

What is Bail?

- A defendant is released on conditional bail with the agreement to show up in court when necessary.
- The phrase also refers to the deposit of a security to guarantee the accused's release.
- Under the Code of Criminal Procedure, offences in India's legal system are divided into those that are bailable and those that are not.

Why need Bail?

- A crucial component of any criminal justice system is bail.
- Bail was first used to protect the right to liberty, which is a fundamental human right.

- One who has not yet had their guilt established is entitled to liberty.

Why in news?

Ans. Favorable treatment for Women

- During the hearing, the Supreme Court of India has made an oral observation that under Section 437 of the Code of Criminal Procedure (CrPC), a woman is entitled to favourable treatment.
- The provision says that, being a woman is a possible ground for granting bail, even when otherwise it cannot be considered.

What does the bail provision say in favor of Women?

- The CrPC's Section 437 addresses bail in cases of offences that are not subject to bail.
- A person cannot be released on bail if there is probable cause to think that they have committed an offence that carries a death or life sentence, according to the law.
- It does, however, have exceptions in a clause that states that, "if such person is under the age of 16 or is a woman or is sick or infirm," the court may still give bail in certain circumstances.

Are there other provisions favourable to women accused?

- There are a number of criminal law laws that offer women, regardless of age, additional consideration when they are the victims of crimes, especially sexual crimes, in terms of how they are handled as witnesses and victims of crimes.
- When women are accused of a crime and taken into custody, further safeguards are provided.
- For instance, a person is required to come before a police officer when the officer requests the

attendance of everyone he feels is familiar with a case that is being investigated (Section 160).

- However, no woman shall be obliged to do so anywhere other than her residence.
- This is taken to suggest that the officer must travel to the residence to conduct inquiries.
- Boys under the age of 15, men over the age of 65, and anyone who is physically or mentally impaired are also eligible for this payment.

TN reiterates plea for a Bench of Supreme Court in Chennai



TN Chief Minister yet again reiterated the State's request for establishing a Regional Bench of the Supreme Court in Chennai and allowing Tamil to be used in the Madras High Court as one of its official languages.

Why in news?

- M. Venkaiah Naidu, the outgoing vice president, proposed splitting the Supreme Court into four regional benches to expedite case resolution.
- The Supreme Court, however, has always maintained that such benches outside of Delhi are not necessary.

Why the Supreme Court is located in New Delhi?

- The Supreme Court shall hold hearings in Delhi or at such other location or locations as the Chief Justice of India may from time to time appoint with the President's agreement, according to Article 130 of the Indian Constitution.
- The statute so permits the establishment of the Supreme Court in several locations with the CJI and President's approval.

Who can establish the SC benches outside New Delhi?

- In *Union of India v. S.P. Anand Verdict (2009)*, the Supreme Court ruled that the Chief Justice of India had sole discretionary authority in this case under the terms of the Article.
- It is an enabling provision, and the Chief Justice may request the President's consent if, after considering all relevant facts, they believe the Court should convene somewhere else.
- According to the Article, no one has the right to order the Chief Justice of India to do anything in particular.

Voices for circuit benches

- The **Law Commission in its 229th Report** had suggested setting up a Constitution Bench of the Court in New Delhi and four other benches in different regions i.e., Northern region in Delhi, Southern region in Chennai/Hyderabad, Eastern region in Kolkata and Western region in Mumbai.
- However, this idea did not find favour with the Judges of the Supreme Court.

Reasons for having Regional/Circuit Benches

- **Access to Justice:** Many litigants are dissuaded from making the long trip to Delhi from remote regions in south or northeast India.
- **Geographical restrictions:** Cases from High Courts located closer to Delhi made up a

disproportionately large fraction of those brought before the Supreme Court. Therefore, establishing local benches will free you from this restriction.

- **massive backlog of cases:** increased workload on the Supreme Court, which currently has over 65,000 cases outstanding and takes many years to decide appeals.
- **Reducing the Cost of Justice:** It is noted that most litigants cannot afford to hire an expensive Supreme Court attorney to pursue their case, in addition to making the trip to New Delhi.

Advantages of having circuit courts

- **Promotes Article 39A:** It has been brought out that Article 39A states that the state is responsible for ensuring that the functioning of the judicial system promotes justice on the basis of equal opportunity.
- **Eliminate Geographical Restrictions:** In a nation the size of India, where litigants must travel great distances and expend a great deal of money and energy, it is past time we had more benches.
- **Upholding the spirit of the constitution:** Installing Benches outside of Delhi wouldn't compromise the country's unity and morality, nor would it diminish the Supreme Court's significance.

In news: Sutlej-Yamuna Link (SYL) Canal

The Supreme Court drew an assurance from the State of Punjab that it will meet the Haryana counterpart within this month to discuss the construction of the Sutlej-Yamuna Link (SYL) Canal which has been languishing for two decades.

Why in news?

- Following complaints from the Centre that Punjab had "refrained" from participating in negotiations with Haryana over the matter, the observations were made.
- In the 1980s, militant attacks were brought on by the construction of the canal's section in Punjab.
- The matter had also caused political friction between Punjab's several governments, to the point where the state unilaterally passed the contentious Punjab Termination of Water Agreements Act of 2004.
- However, this law was overturned by a Constitution Bench in 2016, dashed Punjabi farmers' hopes of reclaiming land taken for the SYL canal project.

long canal in India to connect the Sutlej and Yamuna rivers.

What is the SYL canal issue?

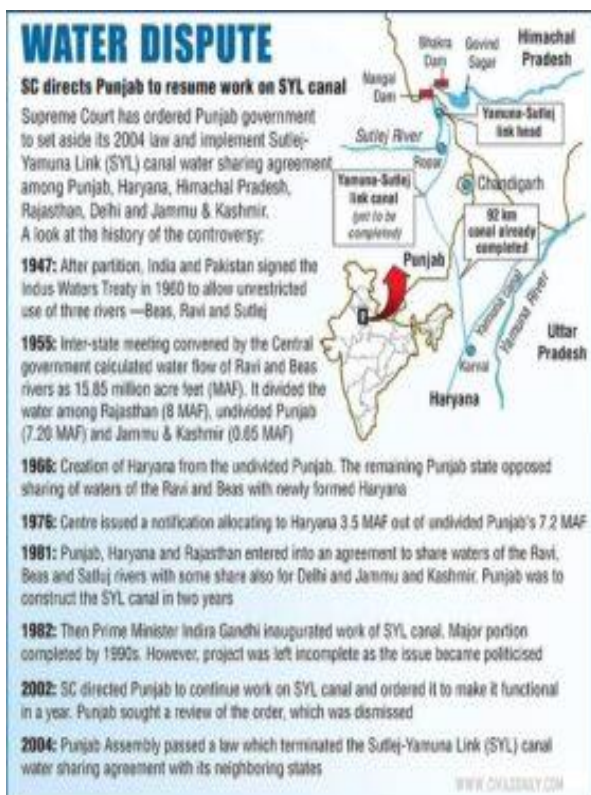
- The issue of sharing river waters between the two states arose during the reformation of Punjab in 1966.
- According to Punjab, sharing the waters of the Ravi and Beas with Haryana would violate the riparian principle.
- Before the reorganisation, in 1955, the Centre had allotted 8 MAF to Rajasthan, 7.20 MAF to the undivided Punjab, and 0.65 MAF to Jammu and Kashmir out of 15.85 MAF of Ravi and Beas.
- Punjab did not wish to split any of the 7.20 MAF allocated with Haryana.

Why has the SYL canal come up again now?

- The Supreme Court's directive to the chief ministers of Punjab and Haryana to negotiate and resolve the SYL canal dispute has brought the matter back to the forefront.
- The Supreme Court requested that the Centre mediate a meeting at the highest political level so that the states can complete the SYL canal.
- The Centre expressed the opinion that the SYL canal's construction should be finished, but the discussion did not produce any conclusions. The Punjab CM, however, flatly declined.

Water crisis in Punjab

- Punjab is experiencing a major water crisis as a result of overusing its subterranean aquifers for the monoculture of wheat and paddy.
- The Central Underground Water Authority said that its underground water is being overused to



About Sutlej-Yamuna Link (SYL) Canal

- Satluj Yamuna Link Canal or SYL as it is popularly known, is an under-construction 214-kilometer

supply agriculture needs in around 79% of the state.

- Only 22 blocks are in the "safe" category out of 138, with 109 being "over-exploited," two being "critical," five being "semi-critical," and five being "safe."

Punjab expects a new tribunal

- The state wants a tribunal seeking a fresh time-bound assessment of the water availability.
- The state has been saying that till date there has been no adjudication or scientific assessment of Punjab river waters.

Q: Which one of the following pairs is not correctly matched?

Dam/Lake River

- A) Govind Sagar: Satluj
- B) Kolleru Lake: Krishna
- C) Ukai Reservoir: Tapi
- D) Wular Lake: Jhelum

Rajpath, Central Vista lawns renamed 'Kartavya Path'



Rajpath and Central Vista Lawns in the national capital will now be known as "Kartavya Path", the New Delhi Municipal Council (NDMC) announces.

Updating to Kartavya Path

- Kartavya Path will be used to refer to the entire section and the space between the Rashtrapati Bhavan and the statue of Netaji under the Grand Canopy.
- After the official event is over, Kartavya Path will be made public and will have landscapes, lawns with walkways, additional green space, renovated canals, amenity blocks, better signage, and vending kiosks.
- Other enhancements that will improve the public experience include updated night lighting, new exhibition panels, and enhanced parking spots.
- Other sustainability aspects include water saving, energy-efficient lighting systems, recycling used water, rainwater harvesting, solid waste management, and storm-water management.

Kingsway to Rajpath

- The three-kilometer section, known as Kingsway when under British administration, was created as a ceremonial boulevard by New Delhi's architects Edwin Lutyens and Herbert Baker over a century ago.
- When the Raj shifted its capital from Calcutta to New Delhi in 1911, work proceeded for a number of years.
- The new imperial metropolis designed by Lutyens was envisioned as being centred on a "ceremonial axis," which was given the name Kingsway in honour of the then-Emperor of India, George V.

- He made the official announcement to shift the capital when in Delhi for the Durbar in 1911.
- The name was modelled after that of the Kingsway, a thoroughfare in London designated in 1905 in honour of King Edward VII, the father of George V.
- Rajpath, the road's Hindi name, was given to it when India gained its independence, and it was here that Republic Day parades were held for many years to come.

Why sudden renaming?

- During his speech from the Red Fort on August 15, Modi made a point of calling for the abolition of colonial symbols.
- The 28-foot statue of Netaji was erected under the Grand Canopy, where a statue of George V had stood, to symbolise the spirit of the brave new India. Rajpath also received a new name and appearance.

SC quota for Dalit Muslims and Christians



The Centre is likely to soon decide on setting up a national commission to study the social, economic and educational status of Dalits who converted to religions other than Hinduism, Buddhism and Sikhism.

What is the news?

- Several petitions are pending before the Supreme Court seeking Scheduled Caste (SC) reservation benefits for Dalits who converted to Christianity or Islam.

Dalit Convertees and Quota Benefits

- The original justification for providing Scheduled Castes reservations was that they had endured the social ill of untouchability, which was prevalent among Hindus.
- The President may designate the castes, races, tribes, or portions of or groups within castes, races, or tribes that shall...be deemed to be Scheduled Castes, as provided for in Article 341 of the Constitution.
- The initial decree issued under this clause solely applied to Hindus and was published in 1950.
- An order was issued in 1956 to include Sikhs of Dalit heritage among the recipients of the SC quota in response to petitions from the Sikh community.
- The decree was changed to read: "No person who professes a religion distinct from the Hindu, the Sikh, or the Buddhist religion shall be deemed to be a member of Scheduled Caste" in 1990 after the government gave in to a similar demand from Buddhists of Dalit descent.

Does this religion-based bar apply to converted STs and OBCs as well?

- There isn't.
- The rights of a member of a Scheduled Tribe are irrespective of his or her religious faith, according to the Department of Personnel and Training (DoPT) website.
- Following the Mandal Commission report's implementation, a number of Muslim and

Christian communities have been included to the federal and state lists of OBCs.

What efforts have been made to include Muslims and Christians of Dalit origin among SCs?

- After 1990, a number of Private Member's Bills were brought in Parliament for this purpose.
- In 1996, a government Bill called The Constitution (Scheduled Castes) Orders (Amendment) Bill was drafted, but in view of a divergence of opinions, the Bill was not introduced in Parliament.
- Then government headed by PM Manmohan Singh set up two important panels:
 1. **Ranganath Misra Commission:** The National Commission for Religious and Linguistic Minorities, popularly known as the Ranganath Misra Commission, in October 2004 and
 2. **Sachar Committee:** A seven-member high-level committee headed by former Chief Justice of Delhi High Court Rajinder Sachar to study the social, economic, and educational condition of Muslims in March 2005.

What did they recommend?

- The study was presented to Parliament in 2009, however due to insufficient field data and confirmation with the actual situation on the ground, the recommendation was not accepted.
- Due to a lack of data, a few studies commissioned by the National Commission for Minorities were also deemed unreliable.

Reception to these recommendations

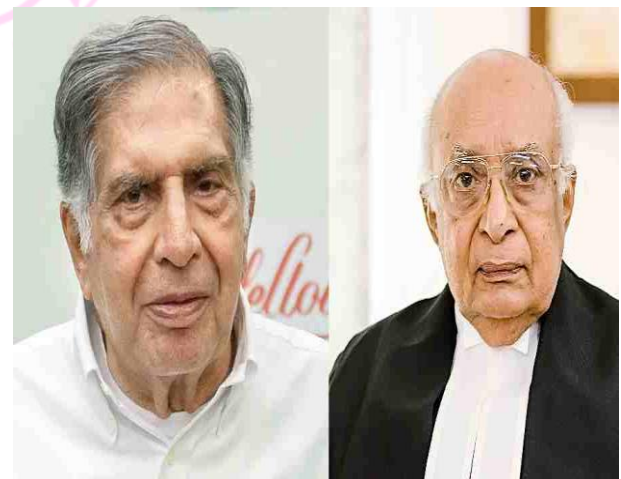
- The Sachar Committee Report noted that Dalit Muslims and Dalit Christians' social and economic circumstances did not improve following conversion.

- The Ranganath Misra Commission, which issued its final report in May 2007, proposed that Scheduled Castes be rendered wholly religiously neutral, just as Scheduled Tribes, and that the SC designation be completely divorced from religion.

What lies ahead?

- There are certain petitions pending before the Supreme Court that seek reservation advantages for Christians and Muslims of Dalit ancestry based on the recommendations of the Ranganath Misra Commission.
- In the most recent hearing, a three-judge Bench gave the Indian Solicitor General three weeks to give the Union government's position on the matter.
- One awaits the upcoming hearing.

Ratan Tata, KT Thomas appointed trustees of PM CARES



The Union government has appointed veteran industrialist Ratan Tata, former Supreme Court judge K.T. Thomas, and former Lok Sabha Deputy Speaker Kariya Munda as trustees of the PM CARES Fund.

PM CARES Fund

- On March 28, 2020, the PM CARES Fund was established in response to the COVID-19 outbreak in India.
- The money raised will be utilised to fight the coronavirus outbreak and future pandemic-like events, as well as to control it and provide relief.
- The trust's chairman is the prime minister. The ministers of defence, home affairs, and finance will be participants.
- Additionally, the fund will support microdonations. The lowest amount that can be donated is 10 (14 US).

Some intriguing facts about PM-CARES fund

- In order to generate money for persons impacted by the COVID-19 pandemic, PM CARES was established last March without the use of legislation or official notice. Instead, it was established simply through the development of a website.
- Its organisation, responsibilities, and duties are listed randomly on the page.
- The national anthem serves as the backdrop for the official fund-raising appeals.
- The Government has no authority over the Fund, which is the biggest untruth in this sworn statement.

Issues over PM-CARES Fund

- No clearly stated goal: It is purposefully disregarded while a new, contentious, impenetrable, and "non-accountable vehicle" is built; its nature has not yet been revealed.
- Non-accountable: The government appears to view legal requirements for inquiries and information requests as embarrassing roadblocks.

- Donation centralization: This goes against the federal character of government and is also practically cumbersome. It centralises the collection of gifts and their use. The trusteeship of the money appears to be the problem.

Questions and gaps

- Neither the Indian Constitution nor any statutes specifically mention the PM CARES Fund.
- If so, what legal basis does it have to utilise the Prime Minister's title, national emblems like the tricolour and the PMO's official website (gov.in), as well as to enact ordinances that provide tax breaks?
- Collection and distribution: The Fund does not transfer the money it receives to the Consolidated Fund of India. If it goes to the CFI, the CAG might have audited it.
- Uncontrolled: This Trust is not intended to be, nor is it actually owned, controlled, or substantially financed by any agency of any government, not even the one whose chairperson is the prime minister.

What can be inferred from all these?

- As a result, the Center has established a new level of trust with the Prime Minister and his Cabinet members solely.
- The way the PM CARES Fund was established, with its acronym developed to highlight the fact that the PM cares about people, demonstrates a circumvention of the statutory duties of a public body.

Query and response: Again ironical

- The government initially denied it, but has since conceded that it is a public charity trust. Despite

this, they continue to insist that it is not a "public authority."

- The PMO runs the Fund, but it claims that as it is not a public entity, it is unable to provide any information regarding the PM CARES Fund.

- The PM CARES Fund ought to be recognised as a Public Authority under the RTI Act, and all RTI inquiries ought to be accurately addressed, in order to promote transparency.
- A "public authority" designation should be made for the fund in accordance with RTI Act Section 2(h).

Conclusion

Science, Technology, Art & Culture

Edible coating to prolong shelf life of fruits and vegetables



A team of researchers at the IIT — Guwahati has developed an edible coating using marine alga that coated on vegetables and fruits, substantially extends their shelf-life.

Dunaliella tertiolecta: The Edible coating

- To create it, the scientists combined polysaccharides with an extract from a marine microalga known as *Dunaliella tertiolecta*.
- The microalga has a variety of bioactive substances, including proteins and carotenoids, and is well known for its antioxidant capabilities.

- Algal oil, a non-animal source of omega-3 fatty acids and a reliable source of biofuel, is also produced using it.
- The residue is often thrown away once the oil has been extracted.
- The researchers combined extracts from this residue with the carbohydrate chitosan to create their film.
- Additionally, it possesses antifungal and antibacterial qualities and can be transformed into an edible film.

Benefits of this Edible coating

- The films had excellent total phenolic content, mechanical strength, thermal stability, antioxidant activity, and water vapour barrier properties.
- Additionally, they were effective UV-Vis light-blockers.
- The biosafety of these coatings was also examined by the researchers.

Why is it viable?

- Mass production of the new coatings is possible.
- They can safely be consumed as part of the product formulation and do not contribute

unfavourable qualities because they are very stable to light, heat, and temperatures up to 40C.

- They maintain their nutritional content, texture, colour, look, and flavour.
- The substance can be used to either directly coat the fruits and vegetables or to create a vegetable storage pouch.
- The vegetables' shelf life can be increased in both situations.
- It is a straightforward dip coating method that does not significantly increase the cost of post-harvest processing.

Cervavac: India's first indigenously developed Vaccine for Cervical Cancer

Fight against disease

THE DISEASE
India accounts for a fifth of global cervical cancer cases with 1.23 lakh cases and around 67,000 deaths every year, according to WHO's International Agency for Research on Cancer. Cervical cancer kills one woman in every eight minutes in India.

THE VACCINE

- Serum Institute of India's (SII) Cervavac is based on VLP (virus-like particles), similar to the Hepatitis B vaccine.
- It protects by generating antibodies against the HPV virus L1 protein.
- Cervavac is expected to cost much less than two vaccines licensed globally which are currently available in India - Gardasil from Merck and Cervarix from GlaxoSmithKline.
- SII received approval for market authorization on July 12.

THE NEXT STEP
Quadrivalent Human Papillomavirus vaccine (qHPV) will be included in the national immunisation programme by the end of this year.

TRIAL RESULTS

- It began in 2019, with thousands of participants in the age-group of 9-26 taking part in the trials across India.
- Phase III results showed a robust immune response in 100 per cent of the vaccine recipients with excellent safety records.

Union Minister of Science and Technology has announced the scientific completion of Cervavac, India's first indigenously developed quadrivalent human papillomavirus (qHPV) vaccine for the prevention of cervical cancer.

What is Cervavac?

- The Serum Institute of India, located in Pune, developed Cervavac in collaboration with the Department of Biotechnology (DBT).

- In 2011, Dr. M. K. Bhan, who was the DBT's secretary at the time, carried out the effort to produce the vaccine.
- Since then, 30 scientific advisory group meetings and site visits by DBT have assisted in reviewing the scientific merit of the entire process of vaccine development.
- On July 12 of this year, the Drug Controller General of India approved Cervavac's market authorization.

Significance of the vaccine

- Despite being largely preventable, cervical cancer is the fourth most common cancer among women globally, according to the WHO.
- In 2018, an estimated 57000 women were diagnosed with the disease and it accounted for 311,000 deaths across the world.

How common is cervical cancer in India?

- With 1.23 lakh instances and over 67,000 fatalities per year, India is responsible for almost a fifth of the world's cervical cancer cases.
- Human papillomavirus (HPV), a widespread virus that is spread through intercourse, is linked to almost all cases of cervical cancer.
- Within two years, the immune system of the body will often naturally eradicate the HPV infection.
- In a tiny number of people, however, the virus can persist over time and cause some normal cells to develop into abnormal cells, which subsequently develop into cancer.

How dangerous is cervical cancer?

- Cervical cancer can be avoided if it is discovered early and treated well.

- Two effective methods for avoiding cervical cancer include screening and immunisation.
- Less than 10% of Indian women are screened, and there is still a lack of knowledge among women regarding the prevention of this illness.
- Even if they don't have any symptoms, all women aged 30-49 must get screened for cervical cancer and have their teenage daughters vaccinated against HPV.

- LNU is basically urea in a nanoparticle form.
- The plant absorbs it after being sprayed directly on the leaves.
- As they are absorbed by the stomata, pores located on the epidermis of leaves, fertilisers in nano form deliver a focused supply of nutrients to crops.

Scientists remain sceptical about how Liquid Nano Urea benefits crops



Liquid Nano Urea, a fertilizer patented and sold by the Indian Farmers Fertiliser Cooperative Ltd. (IFFCO), has been approved by the government for commercial use because of its potential to substantially reduce the import bill, but several experts have questioned the science underlying its efficacy.

What is Liquid Nano Urea (LNU)?

- Urea is a white chemical fertiliser that artificially supplies nitrogen, a critical ingredient needed by plants.

Using LNU

- A half-litre container of the liquid nano urea made by IFFCO Limited costs Rs 240, and it is currently subsidy-free.
- A farmer pays about Rs 300 for a 50 kg bag of highly discounted urea, in contrast.
- A bottle of the nano urea, according to IFFCO, can successfully replace at least one bag of urea.

How efficient is LNU?

- While liquid nano urea can have an efficiency of up to 85%, conventional urea typically only has an efficiency of about 25%.
- Because it is frequently administered wrongly and the nitrogen in it is wasted as a gas or vapour, conventional urea does not have the desired effect on crops.
- During irrigation, a lot of nitrogen is also carried away.
- Farmers do not need to be concerned about liquid nano urea "caking" when it comes into contact with moisture because it has a one-year shelf life.

Why in news now?

- The majority of the nitrogen used by plants to build protein comes from soil bacteria that reside in their roots and have the ability to break

down either air nitrogen or nitrogen derived from compounds like urea into a form that is useful to plants.

- Urea that has been chemically packaged has 46% nitrogen, which translates to around 20 kilogramme of nitrogen in a 45 kg bag.
- In contrast, the amount of nitrogen in 500-ml bottles of nano urea is only 4%. (or around 20 g).
- Scientists are baffled as to how this can replace the kilos of nitrogen normally needed.

- According to Kalhana, Lalitaditya Muktapida ordered the construction of the Temple in the seventh century AD.
- The temple is situated on a plateau that provides a panoramic view of the Kashmir Valley.
- The architecture that can be seen from the ruins appears to be a combination of Chinese, Gupta, and Gandharan styles.

Martand Temple in Kashmir



In May this year, some pilgrims offered prayers inside the Martand Temple, an Archaeological Survey of India-protected (ASI) monument

About Martand Sun Temple

- In the Kashmir Valley, close to the city of Anantnag, there is a Hindu temple known as the Martand Sun Temple.
- It was made in honour of Surya, the main solar deity, around the eighth century AD.
- Sikandar Shah Miri destroyed the temple in an effort to convert and execute Hindus in the valley in large numbers.

Why in news now?

- According to ASI, prayers are allowed at its protected sites only if they were “functioning places of worship” at the time it took charge of them.
- No religious rituals can be conducted at non-living monuments where there has been no continuity of worship when it became an ASI-protected site.

What are the living/non-living monument?

- The building is adopted as a living monument if it has been used for years for some purpose, such as worship.
- However, if no activity has occurred, such as in an abandoned structure, it is designated a dead monument.
- The latter is challenging to rehabilitate because it is frequently completely obscured by overgrowth.
- The Taj Mahal in Agra, where namaz is held every Friday, is the most well-known example of a living ASI monument.

Pakistan floods may take away Mohenjo Daro’s World Heritage Tag



Heavy floods in Pakistan has pushed the archeological site of Mohenjo Daro – near the bank of the Indus river – to the “brink of extinction”.

What is the news?

- Pakistan’s Department of Archaeology has said that Mohenjo Daro might be removed from the world heritage list, if urgent attention towards its conservation and restoration is not given.

About Mohenjo Daro

- A 5000-year-old archaeological site called Mohenjo Daro, a collection of mounds and ruins, is situated around 80 kilometres away from the city of Sukkur.
- It contains the remains of one of the two major Indus Valley Civilization centres; the other is Harappa, which is in Punjab province and about 640 kilometres to the northwest.
- One of the oldest towns in the world was Mohenjo Daro, which means "mound of the dead."
- The houses in this area were known as a model planned city of the ancient civilisation and contained bathrooms, toilets, and a drainage system.

- The city's sheer size and the availability of public structures and facilities point to a significant degree of social organisation.
- The brick sidewalks and city walls are still in good shape despite being in ruins.

How did it came to prominence

- For around 3,700 years, the city's ruins went unrecorded. Then, in 1920, archaeologist RD Banerji paid a visit to the location.
- The excavation of the site began in 1921 and went on in phases until 1964–1965.
- During Partition, the location was moved to Pakistan.

What next for the site

- According to media accounts, the flooding has severely destroyed several of the old ruins' streets and wastewater drains.
- However, work is still being done to remove the sediments that the deluge left behind.
- Archaeologists warn that if this type of flooding occurs once again, the cultural site may once more become submerged.
- On September 11, it's anticipated that UN Secretary General Antonio Guterres would visit the location.
- The visit could shed light on whether the location still possesses all of the qualities required to maintain its renowned world heritage status.

Losing world heritage tag

- Around 1,100 UNESCO-listed locations can be found in its 167 member nations.

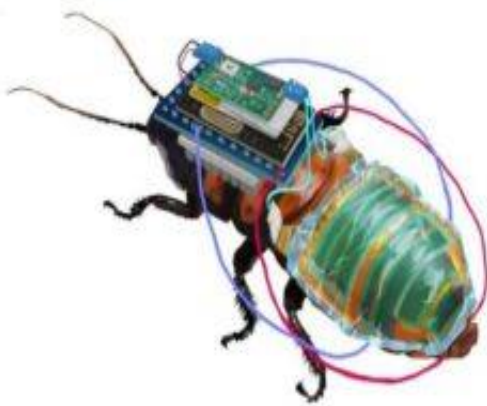
- The property "Liverpool - Maritime Mercantile City" (UK) was removed from the World Heritage List last year by the World Heritage Committee.
- This was brought on by the property's irreparable loss of characteristics that conveyed its exceptional universal value.
- Liverpool was recognised as one of the world's major trading hubs in the 18th and 19th centuries, as well as for its innovative dock technology, transportation systems, and port administration, when it was inscribed to the World Heritage List in 2004.
- Prior to that, the Arabian Oryx Sanctuary in Oman was the first location to be delisted by the UNESCO council due to concerns over poaching and habitat degradation in 2007.

- They'll be able to carry out surveillance in relation to activities like urban search and rescue, environmental monitoring, and examination of potentially hazardous places for people.
- Small wireless control modules will enable operators to remotely control the cockroaches' legs for extended periods of time.
- The team utilised Madagascar cockroaches, which are not only the largest species of cockroaches—they can grow to a length of about 6 cm—but are also well-known for hissing when startled. They do this by forcing air out of their back holes.

How is it powered?

- In order to make the device rechargeable, the researchers put a super-thin 0.004 mm solar cell module on the dorsal side of the cockroach's abdomen.
- This was done to guarantee that the battery would always be charged and that the cockroach could be controlled for extended periods of time while still having free movement.

Cyborg Cockroaches to help in urban search-rescue missions

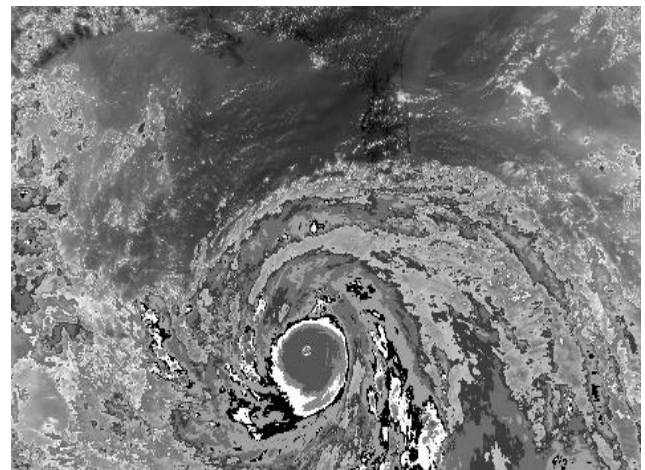


Japanese scientists have devised a system that can create cyborg cockroaches that are part insect and part machine.

Cyborg cockroaches

- Movements of cyborg cockroaches are managed by microscopic integrated circuits.

Dvorak Technique of Weather Forecasting



Recently, the American meteorologist Vernon Dvorak passed away at the age of 100 who pioneered the widely used Dvorak Technique.

Who was Vernon Dvorak?

- The Dvorak (pronounced Do-rak) approach was created in the early 1970s by American meteorologist Dvorak.
- The method aids in tropical storm forecasting.
- Millions of lives have already been saved by his method, and it will continue to do so.

What is the Dvorak technique?

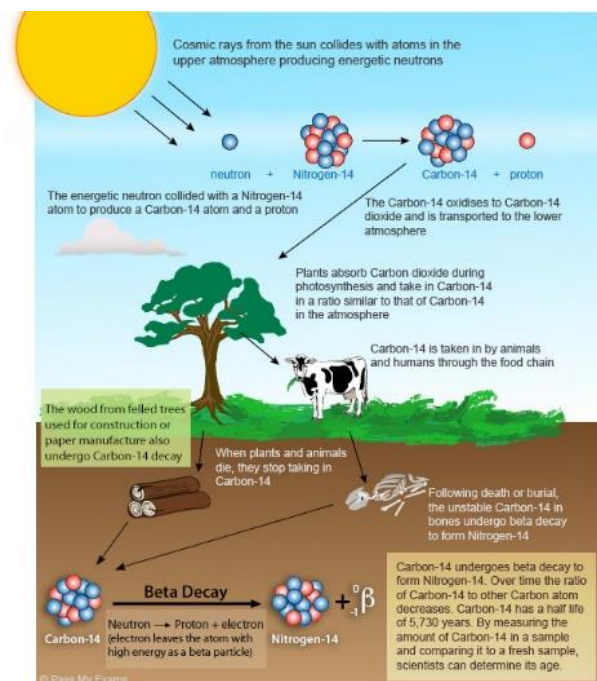
- The Dvorak method was created for detecting storms in the northwest Pacific Ocean in 1969.
- Forecasters examined the characteristics of the forming tropical storms using the satellite photos that were accessible from polar orbiting satellites (hurricanes, cyclones and typhoons).
- Photos in the visible spectrum were used during the day, and infrared images were used to examine the ocean at night.
- It was a method of recognising cloud patterns that was based on a conceptual model of the growth and demise of the tropical cyclone.

Why is technique still widely in use?

- In contrast to land, there were little ocean observations in the 1970s.
- The network of land-based meteorological observations is still being developed today, whether it be through the use of automatic rain gauges, automatic weather stations, or human observations.
- However, there are currently few observations of the ocean.

- The four oceans have several enormous areas that have not been thoroughly explored using meteorological devices.
- The majority of ocean observations are made by sending out buoys or special ships, however there are still not enough observations made from the oceans worldwide.
- To anticipate the strength and wind speed of tropical storms, meteorologists have had to rely more on satellite-based imagery and combine it with the available ocean data.

What is Carbon Dating?



A Varanasi district court has issued notice regarding carbon-dating of the disputed structure known to have been found inside the premises of the Gyanvapi mosque.

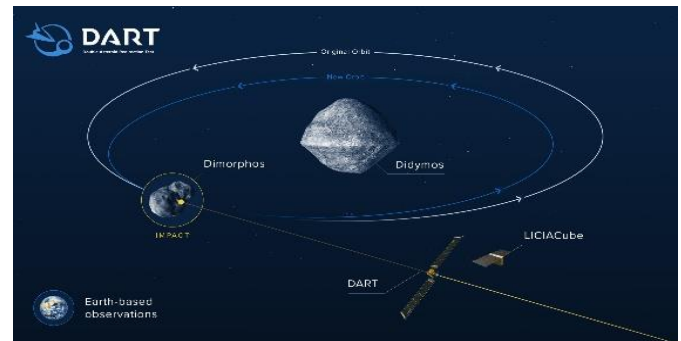
What is Carbon Dating?

- Carbon dating, often known as radiocarbon dating, is a technique for determining age that relies on radiocarbon's breakdown into nitrogen (Carbon-14).

- About 1946, American physicist Willard F. Libby created this technique.
- The interaction of neutrons with nitrogen-14 in the Earth's atmosphere results in the continuous formation of carbon-14 in nature.
- Cosmic ray interactions with the atmosphere result in the production of the neutrons needed for this process.

- Geologists, anthropologists, archaeologists, and researchers in related subjects frequently employ this technique.

NASA's DART mission prepares for an asteroid Dimorphos collision



In the first-of-its kind NASA's DART Mission is about to hit a small, harmless asteroid millions of miles away.

How it works?

- The radiocarbon found in atmospheric carbon dioxide molecules enters the biological carbon cycle when green plants take it in from the air and then pass it on to animals through the food chain.
- A living thing's radiocarbon steadily deteriorates, and as long as it consumes food or air, the lost radiocarbon is constantly replaced.
- However, as the organism passes away, it stops absorbing carbon-14, which causes the level of radiocarbon in its tissues to gradually decline.

What is DART Mission?

- The mission's primary objective is to evaluate recently created technology that would enable a spaceship to collide with an asteroid and alter its direction.
- Since the spaceship will be entirely destroyed, it is a suicide mission.
- The spacecraft is aiming for a tiny moonlet dubbed Dimorphos, which is Greek for "two forms."
- The 160-meter-diameter spaceship is anticipated to collide with Earth when it is 11 million kilometres away.
- The asteroid Dimorphos circles Didymos, which is Greek for "twin," and has a diameter of 780 metres.

The half-life concept

- The half-life of carbon-14 is 5,730 40 years, meaning that for the next 5,730 years, half of the radioisotope that is present at any particular time will spontaneously disintegrate.
- Because carbon-14 decays at a constant pace, it is possible to determine the date of an organism's demise by analysing the quantity of radiocarbon it still contains.

Its uses

- It has shown to be an effective method for dating fossils and archaeological artefacts that range in age from 500 to 50,000 years.

Why Dimorphos?

- Since Didymos is an eclipsing binary with a moonlet that orbits the asteroid on a regular basis, it is the ideal system for the test mission.
- When it moves in front of the primary asteroid, it can be seen.
- This brightness variation can be investigated by telescopes on Earth to determine how long it takes Dimorphos to orbit Didymos.

Collision course

- Didymos and Dimorphos will be 6.8 million miles from Earth at the time of impact, which is relatively near (11 million kilometers).
- When it collides with Dimorphos, the spacecraft will have accelerated to around 24,140 kilometres per hour.
- It intends to strike Dimorphos in order to alter the asteroid's trajectory through space.
- LICIAcube, or Light Italian CubeSat for Imaging of Asteroids, a companion cube satellite funded by the Italian Space Agency, will document this collision.
- The CubeSat will fly by Dimorphos to take pictures and videos three minutes after impact.

Why such mission?

- Dimorphos was picked for this trip because of how similar in size it is to asteroids that might threaten Earth.
- Dimorphos is around 100 times smaller than the spacecraft, thus it won't destroy it.
- Dimorphos' speed as it orbits Didymos will only change as a result of the quick collision by 1%, which may not seem like much, but it will alter the moon's orbital period.

What is Ambedkar Tourist Circuit?



The Central government has announced a special tourist circuit encompassing five key sites associated with Dr. B.R. Ambedkar.

Why in news?

- Activists have urged that Mahad, located in Raigad District of Maharashtra, famous for Mahad Lake Satyagraha should also be included in the proposed circuit.

Ambedkar Circuit

- According to the announcement, he was born in Mhow, lived and studied in London, also attended school in Nagpur, was killed in Delhi, and eventually was assassinated in Mumbai (where he was cremated).
- The government wants to follow in Ambedkar's footsteps in India by improving connectivity to four of these locations with a special AC train.
- The goal is to draw tourists outside of the Dalit community, which often makes pilgrimages to these locations.
- Meals, ground transportation, and entrance to the attractions are all included in the trip.

About the sites

1. **Janma Bhoomi**– Ambedkar’s birthplace in Madhya Pradesh’s Mhow
2. **Shiksha Bhoomi**– the place in London where he stayed while studying in the UK
3. **Deeksha Bhoomi**– the place in Nagpur where he embraced Buddhism
4. **Mahaparinirvan Bhoomi**- the place of his demise in Delhi and
5. **Chaitya Bhoomi**- the place of his cremation in Mumbai

2. **Ezhadipattam** (a cavern with 17 polished rock beds), megalithic burial sites and the
3. **Navachunai** tarn (small mountain lake) with a submerged shrine

What makes it special?

- An early example of post-Ajanta cave paintings from the fourth to sixth century is the artwork on the sanctuary ceiling and the ardha mandapam of Arivar Kovil.
- Additionally, the fresco-secco method was employed (a process that dispenses with preparation of the wall with wet plaster).

Features of the cave paintings

- A large portion of the ceiling paintings, which depict "bhavyas" (exalted souls who strive for moksha or spiritual liberation) having fun in a pool full of lotuses, is now covered by uneven plastering.
- On the pillars of the "ardha mandapam," faint silhouettes of dancing girls still exist.
- Plant dyes, mineral pigments like lime and lamp black, as well as clay pigments like ochre for yellow and terre verte for the greyish-green tints are used to create the colours.

Why in news now?

- These artworks have gradually faded away due to open public access and general exposure to the weather.
- Inscriptions at the Ezhadipattam have undergone extensive vandalism.

Q. There are only two known examples of cave paintings of the Gupta period in ancient India. One of these is paintings of Ajanta caves. Where is the other surviving example of Gupta paintings?

In news: Sittanavasal Rock Cave Temple



The Sittanavasal Rock Cave Temple, a major centre of Jain influence for 1,000 years just before the Christian era, is in need of better upkeep.

Sittanavasal

- Sittanavasal is a small hamlet in Pudukkottai district of Tamil Nadu, India.
 - It is known for the Sittanavasal Cave, a 2nd-century Jain cave complex. From the 7th to the 9th century A.D., the village flourished as a Jain centre.
 - Sittanavasal is the name used synonymously for the hamlet and the hillock that houses the:
1. **Arivar Kovil** (temple of Arihants — Jains who conquered their senses)

(a) Bagh caves

(c) Lomas Rishi cave

(b) Ellora caves

(d) Nasik caves

Trivia

Who was Ramon Magsaysay of Philippines?



A leftist leader and former Kerala health minister has declined to receive the Ramon Magsaysay Award as the late President of the Philippines was known for his alleged brutality against the Communists.

What is the news?

- The Ramon Magsaysay Award, established in 1958, honours extraordinary leadership and humanitarian services in Asia. It is commonly regarded as Asia's Nobel Prize.
- The yearly list of winners for this year was revealed last week.
- Shailaja's efforts as the state's health minister from 2016 to 2021, when Kerala battled the Nipah virus and Covid-19, was taken into consideration for the award.

Who was Ramon Magsaysay?

- Ramon Del Fierro Magsaysay Senior, who was born on August 31, 1907, was the seventh president of the Philippines, serving from 1953 until his death in an aeroplane disaster in 1957. His parents were teachers and blacksmiths.

- Prior to being enlisted into the Pacific War (1941–1955) during World War II, Magsaysay worked as an auto mechanic.
- The Philippines, then a US territory, will be under Japanese rule for over four years during the Pacific War.
- In 1946, the United States formally recognised the Philippines as an independent country.

How he rose to his fame?

- The rich-poor divide grew wider as capitalism grew, and farmers' conditions remained deplorable.
- Due to their public dedication to communism and demand for peasant rights, Huk leaders came under suspicion.
- The Philippine government repressed the Huks, who joined up with the PKP to bring their struggle to a parliamentary platform, with the US as its close friend.
- Up until Magsaysay assumed the position of National Defence Secretary under President Elpidio Quirino, the harsh crackdown on the Huks persisted.
- Magsaysay launched a two-pronged approach of reforms and military campaigns based on his personal experience with guerilla warfare.
- The Huk menace was deemed to have been eliminated as a result of his administrative and military initiatives.

The Ramon Magsaysay Award

- To carry on Magsaysay's legacy of service to the people, effective administration, and practical idealism, trustees of the Rockefeller Brothers Fund and the Philippine government established the Ramon Magsaysay Prize in 1957.
- Since 1958, the first year the Award was given out, more than 300 organisations and people have received recognition for their contributions to development that have a significant impact on Asia and, by extension, the rest of the globe.
- On August 31, the anniversary of Magsaysay's birth, the honour is presented.

Indian winners on the list

- Vinoba Bhave in 1958, Mother Teresa in 1962, Kamaladevi Chattopadhyay in 1966, Satyajit Ray in 1967, and Mahasweta Devi in 1997 are a few notable Indians who have received the honour.
- Anshu Gupta of Goonj (2015), human rights activist Bezwada Wilson (2016), journalist Ravish Kumar (2019), and Arvind Kejriwal (2006) are recent winners.

Indian Navy participates in Exercise Kakadu hosted by Australia



INS Satpura and a P8 I Maritime Patrol Aircraft of the Indian Navy reached Darwin in Australia on for

participation in the multinational Exercise Kakadu – 2022, hosted by the Royal Australian Navy.

Exercise KAKADU

- The Royal Australian Navy (RAN), with assistance from the Australian Air Force, hosts the primary multinational regional maritime engagement exercise known as Exercise KAKADU, which first took place in 1993.
- In Darwin and the Northern Australian Exercise Areas, the exercise is held every two years (NAXA).
- It gets its name from Australia's Kakadu National Park, a protected area located 171 kilometres south-east of Darwin in the country's northern territory.
- Professional interactions in the harbour and a wide range of maritime activities, including complicated surface, subsurface, and air operations, would allow for the sharing of best practises and the development of operational abilities during the exercise.

India's presence at the exercise

- The Indian Navy's participation in KAKADU offers a great opportunity to interact with regional partners and engage in multinational maritime activities, such as high-tech maritime warfare and constabulary operations, in a combined setting.
- Its goal is to improve interoperability and provide a shared knowledge of the protocols for marine operations, which are becoming more significant as part of the Indo-Pacific story.



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