

Weekly Current Affairs

साप्ताहिक करेंट अफेयर्स



Weekly Current Affairs

Table of Contents

International Relations.....

National.....

State.....

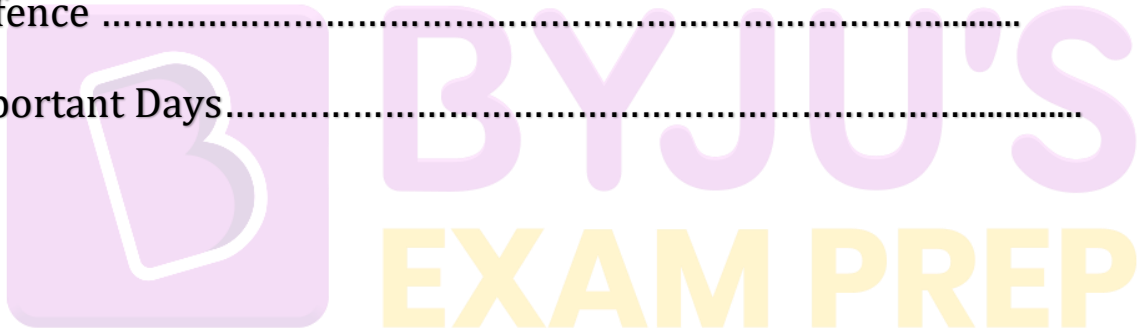
Economy.....

Appointment.....

Science & Tech

Defence

Important Days.....



International Relations

India launches 'Urban Wastewater Landscape in India' at World Water Congress and Exhibition 2022

Why in News:

- A white paper on "Urban Wastewater Landscape in India" was released at the Exhibition 2022. Hon. Minister of Waterpower Shri Gajendra Singh Shekhawat, Hon. Minister Ms. Lee Vermelin, Minister for Environment, Denmark, and Hon. Minister Shri Fleming Möller Mortensen, Minister for Development Cooperation, Denmark attended the World Water Congress of the International Water Association (IWA) in Copenhagen, Denmark with an Indian delegation.



Key Point:

- The Government of India formed a multidisciplinary team with partners from the Atal Innovation Mission, NITI Aayog, Ministry of Jal Shakti and National Mission for Clean Ganga, International Agency Innovation Center Denmark, and Academic Indian Institute of Technology Bombay to prepare a White Paper on Urban Wastewater Management.
- This white paper describes the current state of wastewater treatment in India as a whole as well as potential steps that might be taken to collaborate, co-create, and design future treatment systems.
- The Green Strategic Partnership between India and Denmark, with an emphasis on Green Hydrogen, Renewable Energy, Wastewater Management, and their bilateral ties, is the source of this white paper.
- Teams from the International Center for Clear Water and incubator partners AIC- Sangam and AIC FISE will also receive mentoring at IIT Delhi, IIT Bombay, and IIT Madras under this policy.
- A global program called Next Generation Water Action (NGWA) aims to involve young people from top universities and innovation hubs before, during, and after the IWA World Water Congress and Exhibition in 2022.



- The Danish Embassy, in collaboration with the Atal Innovation Mission, NITI Aayog, has reorganized the AIM- ICDK- 2.0 Water Innovation Challenge during the event.

Source: PIB

First inter-modal digital TIR-based transport from India to Iran flagged off from Mumbai's JN port

Why in News:

- The International STRs or International Road Transports (TIR)-based pilot transport from Nhava Sheva (Jawaharlal Nehru Port), Navi Mumbai, Maharashtra, is the first intermodal digital transport along the International North-South Transport Corridor (INSTC) corridor between India and Iran. has been signaled to stop.



Key Points:

- It aspires to make cross-border travel paperless while maintaining the TIR system's customs assurance.
- By lowering transportation costs and other formalities, the TIR system contributes significantly to facilitating cross-border trade and transit and preventing operational delays.
- The system would ease the flow of domestic and international transport by giving access to more than 64 TIR operational nations, according to the Federation of Indian Chambers of Commerce and Industry (FICCI).
- TIR systems are also necessary to promote more intra-regional and intra-regional commerce growth.
- The goal of INSTC is to shorten the time it takes manufactured emergency shipments (EXIM) to and from Central Asian markets to arrive in Europe.
- The Chabahar port, which was built with Indian aid, will serve as the region's primary economic transit hub.
- Along with the Iranian government, India is taking part in the construction of Shaheed Beherti Terminal's Phase I at Chabahar Port.

Source: Times of India



Los Angeles Designates September 17th as 'Squid Game' Day

Why in News:

- The City of Los Angeles has officially designated September 17th Squid Game Day in recognition of the achievements of the South Korean Netflix series.



key points:

- "Squid Game" was nominated for 14 Emmy Awards in July and is the first non-English language series to earn a nomination for Outstanding Drama Series.
- It was also the first Korean and first non-English language series to win a Screen Actors Guild Award.
- The Squid Game retained its place as the most-watched Netflix original of all time and was "the first Korean series on Netflix to reach number one in the US."
- The squid game successfully introduced diverse aspects of Korean culture to audiences not only in the US but around the world.
- The squid game has received nominations and awards at the several US and international festivals.

Source: Times of India

2022 SCO Summit

Why in News:

- The Shanghai Cooperation Organization (SCO) summit for the year 2022 will be held in Uzbekistan from September 15 to 16, 2022.

key points:

- The SCO summit for the year 2022 will be held in Samarkand.
- The SCO summit in Uzbekistan will focus on reviewing the group's activities over the past two decades and identifying areas of potential for multilateral cooperation.
- This is the first individual summit after the 2019 SCO summit held in Bishkek, Kyrgyzstan.



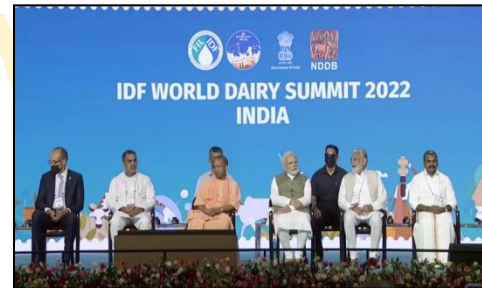
- The 22nd meeting of the Council of Heads of State of the Shanghai Cooperation Organization (SCO) will be attended by the leaders of the SCO Member States, the Observer States, the Secretary General of the SCO, the Executive Director of the SCO Regional Anti-Terrorist Structure.
- During the summit, Iran will also be formally included in the Shanghai Cooperation Organization.
- After the Samarkand summit, India will chair the SCO.
- The Shanghai Cooperation Organization (SCO) is a Eurasian political, economic, and security grouping established on June 15, 2001, headquartered in Beijing.
- The members of the SCO include China, Russia, India, and Pakistan, as well as 4 Central Asian countries - Kazakhstan, Kyrgyzstan, Uzbekistan, and Tajikistan.
- The Shanghai Cooperation Organization is the world's largest regional grouping, covering approximately 60 percent of Eurasia, 40 percent of the global population, and more than 30 percent of the global GDP.

Source: The Hindu

PM Modi inaugurates World Dairy Summit 2022 in Greater Noida

Why in News:

- Prime Minister Narendra Modi officially opened the World Dairy Summit (IDF WDS) 2022 at the India Expo Center and Mart in Greater Noida.



Key Points:

- From September 12 to 16, 2022, the four-day World Dairy Summit will be attended by about 1,500 people from 50 different nations.
- The previous World Dairy Summit took place in 1974 in India.
- In the year 1980, the International Dairy Agreement was founded.
- The International Dairy Agreement's main goal is to increase and liberalize dairy product trade through international cooperation.
- The government has made a number of initiatives to restructure the dairy sector, and as a result, milk production has increased by more than 44% during the past eight years.
- India's dairy sector produces roughly 210 million tons of milk annually or 23% of the global total.



- Schemes related to Dairy and Livestock Sector in India-
 - Animal Husbandry Infrastructure Development Fund
 - National Animal Disease Control Program
 - Rastriya Gokul Mission
 - National Artificial Insemination Program
 - National Livestock Mission

Source: Business Standard

SETU program launched in America by Piyush Goyal

Why in News:

- A program named SETU (Supporting Entrepreneurs in Transformation and Upskilling) has been introduced by Commerce and Industry Minister Piyush Goyal to link Indian business owners with investors residing in the US.



Key Points:

- Mentors in the US who are willing to assist entrepreneurship can connect with Indian businesses with the aid of SETU.
- During a focused discussion on certain issues with India's startup ecosystem, the SETU project was made public.
- The SETU project would connect businesses in India with US investors and key figures in the startup ecosystem through mentorship and help in a variety of areas, including fundraising, market access, and commercialization.
- Through a mentoring website developed by the MAARG (Mentorship, Advisory, Assistance, Resilience, and Growth) program of the Startup India initiative, an all-in-one resource for Indian entrepreneurs has been attempted as part of the SETU project.
- Lack of business management expertise is a major issue, and entrepreneurs need the correct guidance for making decisions as well as moral support. The SETU project will fill this need.

Source: The Hindu



Tokyo hosted India and Japan 2+2 Ministerial Dialogue

Why in News:

- On September 8, 2022, Tokyo hosted the 2nd India-Japan 2+2 Foreign and Defense Ministerial Meeting.



Key Points:

- Rajnath Singh, the defence minister of India, Dr. S. Jaishankar, Mr. Hayashi Yoshimasa, the foreign minister of Japan, and Mr. Hamada Yasukazu, the defence minister of Japan.
- The meeting reaffirmed the participating members' commitment to a rules-based international order that respects the sovereign and territorial integrity of states and that all states are subject to international law without resorting to coercion, the use of force, or any other attempt to subvert it. It also emphasized the necessity of peaceful dispute resolution.
- The participants in the summit also reiterated their unequivocal and unwavering support for ASEAN's unity and centrality.
- The "2+2 Dialogue Model" refers to ministerial meetings that are scheduled simultaneously between two nations.
- Under this discussion format, negotiations have been held between India and Japan, the US, and Australia.
- The Special Strategic and Global Partnership were strengthened during the 13th summit of talks between Prime Minister Modi and Japanese Prime Minister Shinzo Abe in 2018, which was planned with the goal of enhancing bilateral security and military cooperation. It was resolved to begin new 2+2 ministerial negotiations.

Source: Economic Times

Indian students received the highest number of student visas from the US in 2022

Why in News:

- Indian students received the most student visas from the US in 2022, according to information made public by the US Embassy.



Key Points:

- The US granted a record 82,000 student visas to Indian students in 2022, more than any other year.
- More Indian students than those from any other nation have been granted US student visas this year.
- From May through August, the US Embassy in New Delhi and the consulates in Chennai, Hyderabad, Kolkata, and Mumbai give priority to student visa applications in order to allow as many qualified students as possible to enroll in their programs of study on time.
- About 20% of all foreign students in the US are from India, according to data made public by the US Embassy.
- According to the Open Doors Report, which was published in 2021 as well, 167,582 Indian students were given visas to study in the US for the academic year 2020–21.
- Don Heflin asserts that the movement of foreign students is essential to American diplomacy and that India is the country where students contribute most.
- In order to draw Indian students in 2020, the US government and higher education institutions have already taken steps to safely welcome international students using in-person online, and hybrid learning methods.

Source: Jansatta

National

India becomes a power surplus nation

Why in News:

- India has become a power surplus nation.

key points:

- India currently has a power surplus with a capacity of over 4 lakh MW.



- India has increased renewable energy generation from 51 thousand 226 gigawatt hours to one lakh 38 thousand 337 gigawatt-hours in the year 2020.
- The proportion of renewable energy in India's power generation sector has grown rapidly in line with the country's goal of sustainable development.
- India is the third largest producer of renewable energy in the world, with non-fossil fuels accounting for 40% of the country's installed electricity capacity.
- Applications based on solar energy can be used to meet cooking, lighting, and other energy demands in an environmentally friendly manner.
- India is a member of the International Solar Alliance (ISA) and has achieved great success in the deployment of technology based on solar energy.
- The International Solar Alliance works towards reducing the use of fossil fuels and making our planet green.
- India aims to reach net zero emissions by 2070 and increase renewable energy to 500 GW by 2030.

Source: Times of India

Ministry of Jal Shakti Announces Winners of 'Water Heroes: Share Your Stories Contest'

Why in News:

- The 'Water Heroes: Share Your Stories' competition has been launched by the Department of Water Resources, River Development, and Ganga Rejuvenation, Ministry of Jal Shakti.



key points:

- The third edition of the 'Water Heroes: Share Your Stories' contest was launched on 1 December 2021 and will end on 30 November 2022 on the MyGov portal.
- The first edition of the 'Water Heroes: Share Your Stories' was launched from 1 September 2019 to 30 August 2020 and the second edition of the 'Water Heroes: Share Your Stories' contest was launched from 19 September 2020 to 31 August 2021. For August, the six winners of the 'Water Heroes': Share Your Stories contest will receive a cash prize of Rs 10,000 and a certificate.
- The initiative aims to promote the value of water in general and support nationwide efforts on water conservation and sustainable development of water resources.



- To motivate the people of the country to adopt the objective of water conservation.
- The 'Water Heroes: Share Your Stories' contest is held every month and details can be accessed through the MyGov portal.
- Participants have to post their success stories on water conservation impact in the form of 1–5-minute videos with a write-up of 300 words and attach some photographs.
- The participants will have to share their videos on the MyGov portal.

Source: Indian Express

IRCTC to start Navratri Special Tourist Train

Why in News:

- Along with the Bharat Gaurav Tourist Train, IRCTC will launch a special Navratri tourist train for Mata Vaishno Devi in Katra.

Key Points:

- IRCTC Limited has announced the beginning of the Navratri Special Mata Vaishno Devi Yatra Yatra in the Bharat Gaurav Tourist Train, similar to the Ramayana Circuit.
- On September 30, 2022, the special tourist train will depart for Katra for the first time.
- One of the most popular temples in the nation, Vaishno Devi Temple receives thousands of visitors each year.
- The Safdarjung Railway Station in Delhi will be where the train departs towards Katra.
- Tourists from Ghaziabad, Meerut, Muzaffarnagar, Saharanpur, Ambala, Sirhind, and Ludhiana are the main target audience for this travel package.
- This vacation package's total cost includes train travel, an overnight stay in an air-conditioned hotel, meals, all bus transfers, sightseeing, travel insurance, and guide services.
- The Ministry of Railways established Bharat Gaurav trains to run through popular tourist destinations and to advance themed travel.
- BRIDGE TRAIN OF HINDU The fully air-conditioned train is renowned for its exquisite interior design, which gives passengers comfort.
- In June 2022, the Bharat Gaurav Train was launched to publicize the Ramayana Yatra route.



Source: Indian Express

NITI Aayog: Acceptance of Beneficiaries under PLI Scheme

Why in News:

- The Empowered Committee, led by NITI Aayog CEO Parameswaran Iyer, has authorized the first distribution of incentives for mobile manufacturing.



Key Points:

- This plan will support the idea of an independent India while also giving India a competitive edge in the sector of electronics manufacturing thanks to the production-linked reward system.
- The PLI program encompasses both the production of specialist electronic components and mobile phones.
- Ten companies—five domestic and five foreign—will receive the advantage of the mobile manufacturing program under the PLI scheme.
- Paget Electronics Pvt Ltd, a local company, is the first beneficiary company to get incentives under the PLI initiative for mobile manufacturing.
- The PLI program offers a 4%–6% incentive on the net additional sales of manufactured items in order to encourage the production of electronics and draw substantial investment.
- The PLI scheme's goal is to give businesses incentives in exchange for increasing sales of goods produced domestically.
- PLI Schemes are significant initiatives to attract both local and foreign businesses to grow or establish manufacturing facilities in India.

Source: Economic Times

Army Hospital opens early intervention center "PRAYAS" in New Delhi

Why in News:

- In the Army Hospital (Research and Referral) in the country's capital Delhi, a model "Early Intervention Center-Prayas" has been created.



Key Points:

- The Early Intervention Center-effort aims to reduce suffering and foster trust in parents when dealing with special children.
- The Early Intervention Center is a spacious, state-of-the-art facility specially built for children with exceptional needs.
- The Early Intervention Center-effort project aims to make a significant positive impact on children of military members up to six years of age who have difficulties with autism, cerebral palsy, sleep and language delays, and other conditions.
- The newly established center also offers medical services such as special education, sensory integration, occupational and physiotherapy, behavior modification, and nutritional counseling as well as advanced screening for hearing and visual impairments, detection of autism, and clinical identification of various syndromes.
- Vatsalya, a pediatric super specialty discipline updated with a kid-friendly Walt Disney motif, is integrated with it.
- Early Intervention Centre-The effort will be to use a multidisciplinary approach, involving the skills of multiple practitioners, to improve the abilities of special children.

Source: Times of India

All India Institute of Ayurveda launches a 6-week program on Ayurveda Day

Why in News:

- The Ayurveda Day 2022 campaign has been started by the Ministry of AYUSH's All India Institute of Ayurveda (AIIA).



Key Points:

- This year's Ayurveda Day mandate will be driven by AIIA, which has been designated as the nodal agency by the Ministry of AYUSH.
- Every year on Dhanwantri Jayanti, the Ministry of AYUSH organizes an Ayurveda Day celebration, which will take place this year on October 23.
- "Har Din Har Ghar Ayurveda" is the focus of Ayurveda Day Week.
- In "Har Din Har Ghar Ayurveda," emphasis will be placed on raising awareness of "Ayurveda for Holistic Health" in each home.



- For the purposes of 3J—Jan Sandesh, Jan Bhagidari, and Jan Andolan—different ministries of the Indian government have participated in this program.
- Ayurveda is a traditional, natural, and integrative medical method from ancient India. Ayurveda is the Sanskrit word for "science of life"; the root word ayur in Sanskrit means "long life" or "age," and Veda is the word for "knowledge."
- Ayurveda places more emphasis on disease prevention and eradication than allopathy does on disease management.
- Ayurveda holds that good health is a requirement for achieving life's goals, including Dharma, Artha, Kama, and Moksha.

Source: Livemint

E-FAST- India's first National Electric Freight Platform launched by NITI Aayog, WRI

Why in News:

NITI Aayog and the World Resources Institute have introduced India's first national electric freight platform, dubbed e-Fast India (Electric Freight Accelerator for Sustainable Transport-India) (WRI).



Key Points:

- With the help of the World Economic Forum, CALSTART, and RMI India, the National Electric Freight Platform aims to unite numerous stakeholders.
- The Electric Freight Platform, which is supported by a ground-level demonstration pilot and research-based data, intends to increase public awareness of freight electrification.
- In order to speed up the electrification of freight in India, the Electric Freight Platform will also support scalable trials and provide information for policies.
- Important representatives from the auto industry, logistics firms, development banks, and fin-tech firms also attended the opening of e-Fast India.
- WRI India's Total Cost of Ownership (TCO) Evaluator has also been launched following the launch of e-Fast India.

Source: Livemint



State

Indore becomes the country's first 'smart city' with a 'smart address'

Why in News:

- After Indore Smart City implements a completely digital addressing system, it will become the first Smart City with a Gana Pradesh (MP) Smart Address.



Key Points:

- Rajat Jain, co-founder of Address Navigation, and Gupta (IAS), CEO of Indore Smart City, have signed a Memorandum of Understanding (MoU) to advance the smart city.
- Address has created patent-pending technology for upgrading smart cities and is collaborating with the Indian Space Research Organization (ISRO) to create a digital addressing system.
- According to the MoU, all businesses, all governmental organizations, and emergency services, including police, fire departments, and ambulances, may use the Address App to provide services including electronic Know Your Customer (E-KYC) and geotagging.
- In order to give access to digital addressing systems, address navigation will be integrated with government platforms for power, agriculture, excise, women and child welfare, and education.
- All of MP Tourism's tourist destinations will be geotagged with bus stops, public restrooms, and bus stops. They will also be integrated with websites by Address.
- A free service that aids in locating a certain geotag location is the Address app. The Address program allows users to upload pictures of their residences, places of business, and other locations with their full addresses shown. Users also have the option to record voice instructions for changes.

Source: The Hindu



The world's largest museum of Harappan culture is being built in Rakhigarhi, Haryana

Why in News:

- In Rakhigarhi, Haryana, the largest museum dedicated to Harappan culture will be constructed.



Key Points:

- In Rakhigarhi, the founding city of the Indus Valley Civilization, a cutting-edge museum will be built at a cost of Rs 32 crore.
- The Harappan Culture Museum is also being built, and it will exhibit over 5000 ancient Harappan artifacts in addition to rest houses, dormitories, and a cafe.
- Apart from the villages of Rakhi Khas and Rakhi Shahpur, Rakhigarhi is located in the Narnaund sector of the Hisar district of Haryana. The area around the site is littered with archaeological ruins.
- The Archaeological Survey of India conducted the village's initial excavation in 1963. (ASI).
- Under Dr. Amarendra Nath's direction, the Archaeological Survey of India later began excavations in Rakhigarhi during the years 1998 to 2001.
- Rakhigarhi, where a DNA test is being conducted, has seen the discovery of 56 skeletons since 1998.
- Rakhigarhi's civilization is thought to have existed between 5000 and 5500 BC, while Mohenjodaro's civilization is thought to have existed approximately 4000 BC.
- While Rakhigarhi covers an area of more than 550 hectares, Mohenjodaro is only about 300 hectares in size.

Source: Livemint

Nagaland organizes its first Naga Chili Festival

Why in News:

- The first-ever Naga Chili (Naga King Chili) Festival will take place in Nagaland's Seihama village's Kohima district in 2022.



Key Points:

- The Horticulture Department coordinates the Naga Chili Festival.
- Many Angami villages in the north grow chilies, and Seihama village has emerged as the region that produces the most different varieties of Naga chilies.
- The Naga Chili (King Chili), widely regarded as the hottest chili in the world, has routinely ranked among the top five hottest chilies worldwide according to SHU. Other names for Naga Chili include "Raja Chili," "Bhoot Jolokia," and "Ghost Pepper."
- In 2008, the Geographical Indication (GI) designation was given to Naga Chili, a member of the Solanaceae family and of the genus Capsicum.
- The Naga chili, a native crop of Nagaland, is widely farmed in Peren, Som, Kohima, and Dimapur. It is thought to have its origins in the Jelliangrang region of Nagaland.
- On December 1, 1963, Kohima was designated as the capital of Nagaland, which had just received official recognition as an independent state.
- The state animal of Nagaland and Arunachal Pradesh is the Mithun (Gyal), and the bird of Nagaland is the velips tragopan.

Source: Indian Express

Uttar Pradesh is tops in India, with 8462 lakes developed under Mission Amrit Sarovar

Why in News:

- Uttar Pradesh has become the first state in India to create 8,642 Amrit Sarovar (lakes) in India.

key points:

- Amrit Sarovar is an ambitious mission launched by Prime Minister Narendra Modi, which aims to conserve water for the future.
- Madhya Pradesh has been placed in second place, Jammu and Kashmir in third place, Rajasthan in fourth place, and Tamil Nadu in fifth place in the list.
- Lakhimpur Kheri of Uttar Pradesh has got the first position in the state by constructing 256 Amrit Sarovar.



- In the list, Gorakhpur has secured the second position by creating 245 lakes and Pratapgarh has secured the third position by creating 231 lakes.
- 15,497 Amrit Sarovar have been identified in different Gram Panchayats, out of which 8,462 Amrit Sarovar have already been developed.
- This Amrit Sarovar is twice the total number of Amrit Sarovar developed in Madhya Pradesh, Jammu and Kashmir, Rajasthan, and Tamil Nadu collectively.
- Uttar Pradesh is the only state in the country that has developed a large number of Amrit Sarovar.

Source: The Hindu

Gujarat CM Bhupendra Patel announces Cinematic Tourism Policy 2022-2027 for the first time

Why in News:

- In front of luminaries like actor Ajay Devgn and State Government Minister Shri, Gujarat Chief Minister Bhupendra Patel unveiled the state's first "Cinematic Tourism Policy."



Key Points:

- The Gujarati people will have economic chances as well as feasible opportunities for film production thanks to the cinematic tourist policy.
- Gujarat has various locations, such as Shivrajpur Beach and the Kutch White Desert, that have a lot of potential to be used as shooting locations.
- Ajay Devgn has also signed memorandums of understanding for the state's infrastructure for film production, studios, and other facilities.
- On this occasion, a little film providing information on cinematic tourist policy has also been shown.
- The Gujarati people will have economic chances as well as feasible opportunities for film production thanks to the cinematic tourist policy.

Source: Indian Express



National Maritime Heritage Complex to be built in Gujarat

Why in News:

- In Lothal (Gujarat), the National Maritime Heritage Complex will be built to display the long maritime history of India.

Key Points:

- The marine tradition of India is vast and diverse, and this campus is the first of its type in the country.
- Prime Minister Shri Narendra Modi lay the cornerstone for the NMHC project, and the government gave its approval for the master plan in March 2019.
- To raise awareness among the public, the National Nautical Legacy Complex will be unveiled using the most up-to-date technologies to portray maritime heritage in a user-friendly way.
- The Ministry has designated the renowned architecture firm M/s Hafeez Contractor as the project's lead and Indian Port, Rail and Ropeway Corporation Limited, Mumbai, as the implementing agency for the effective completion of the National Maritime Heritage Complex project.
- The National Maritime Heritage Complex will be built over several phases, including:
 - In Phase-1A, a complex of museum buildings will be constructed on 35 acres of land, together with 5 galleries and a naval gallery that will be used by the Indian Navy and Coast Guard.
 - The remainder of the museum, including the remarkable galleries, will be built during Phase-1B, together with the Light House, 5D Dome Theatre, Garden Complex, and other infrastructure.
 - State Pavilions, Lothal City, Maritime Institutes (including dormitories), Eco Resorts, Maritime and Naval Theme Parks, Climate Change Theme Parks, Memorial Theme Parks, and Adventure and Amusement Parks are all included in Phase-II.



Source: PIB



Odisha government launched a rainwater harvesting scheme named 'Chhata'

Why in News:

- Odisha government has started the CHHATA Scheme i.e., community exploitation and harvesting of rainwater artificially from the roof to the aquifer.



key points:

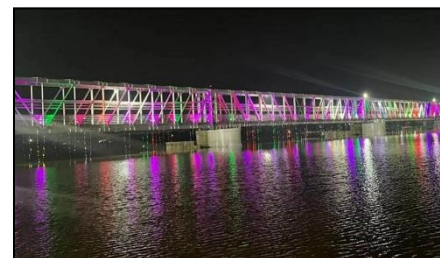
- The CHHATA scheme was approved by the cabinet last month.
- The CHHATA scheme will be implemented initially for a period of five years.
- Under this scheme, the state government will work towards the conservation of rainwater and improving water quality in urban local bodies (ULBs) and water scarce blocks.
- Under this scheme, based on the groundwater resource assessment carried out in the year 2020, rainwater harvesting structures will be constructed on the roofs of 29,500 private buildings and 1,925 government buildings in 52 water-stressed blocks and 27 urban local bodies.
- An estimated 373.52 crore liters of water will be harvested between the year 2022-23 to the year 2026-27 under the CHHATA scheme.
- The CHHATA scheme will be implemented through the existing manpower of the Department of Water Resources (DoWR) with an outlay of Rs 270 crore.
- The average cost of each water harvesting structure on the roofs of government buildings under the CHHATA scheme by the state government is fixed at Rs 4.32 lakhs while in rural areas around Rs 3.06 lakhs per building.
- The capital of the state of Odisha is Bhubaneswar, the Chief Minister of Odisha is Naveen Patnaik, and the Governor is Ganeshi Lal.

Source: Indian Express

Bihar CM inaugurates India's longest rubber dam on river Falgu

Why in News:

- Nitish Kumar, the Chief Minister of Bihar, has officially opened Gayaji Dam, the country's longest rubber dam, which is located on the Falgu River near Gaya.



Key Points:

- The construction of the Gayaji Dam cost an estimated Rs 324 crore and involved IIT experts (Roorkee).
- The government constructed the Gayaji Dam for the sake of the pilgrims.
- The Falgu River near Vishnupad Ghat will always have at least two feet of water accessible to devotees who come to perform Pind Daan thanks to the completion of the Gayaji dam.
- The Gayaji Dam's main function is to continuously deliver water throughout the year to the Vishnupad temple in Gaya.
- The Gayaji Dam, which was created by scientists from IIT Roorkee, is 411 meters long, 95.5 meters broad, and 3 meters high.
- Along with the rubber dam, the Falgu River's banks have been improved, and a steel bridge has been constructed to allow pilgrims to cross it to reach the Sita Kund.
- With the construction of the Gayaji dam, it will be possible to store water in the Falgu River so that it is available all year round instead of just during the monsoon season.

Source: Times of India

Important News: Economy

India's first plastic project listed by EKI Energy Services Limited

Why in News:

- EKI Energy Services, a developer and vendor of carbon credits, is the first company to list an Indian plastics project (India's first plastic project) under the global accreditation standard.



key points:

- Indore-based carbon credit specialist, EKI Energy Services, which has worked in the field of climate action and offset solutions in 16 countries for the past 14 years, has become the first company to list a plastic project from the country.



- EKI Energy Services' project ensures that plastic waste, primarily polyethylene terephthalate (PET) waste, PET flakes, and chips, is properly sourced and recycled to make Recycled Polyester Staple Fiber (RPSF).
- Recycled polyester staple fiber (RPSF) can be used in the textile industry to make clothing and other useful products made from fabric.
- All participants in the collection and recycling process from waste pickers to recycling facilities will be empowered by such a value chain.
- The project is recognized by VERA, a Washington-based organization under their Plastic Waste Reduction Standards.
- Climate change, carbon credit, and sustainability solutions are offered by EKI Energy Services Ltd.
- The business provides training in quality control and management as well as for carbon credits, asset management, carbon footprint management, sustainability audits, and carbon credits.

Source: Indian Express

Norwegian Central Bank Develops National Digital Currency Using Ethereum

Why in News:

- Norway's central bank Norges Bank has made significant progress in its efforts to develop a digital currency by publishing open-source code for the country's central bank digital currency (CBDC) sandbox based on Ethereum technology.



key points:

- CBDC is a type of electronic fiat currency backed by the central bank, CBDC can be created on a blockchain network, however, in Norway CBDC is built on Ethereum.
- The CBDC sandbox in Norway has been created to provide a way to communicate with the test network.
- Ethereum Wallet MetaMask is not yet supported by open-source code.
- Sandbox has a unique interface and network monitoring programs like BlockScout and Grafana.
- According to the International Monetary Fund (IMF) report, 97 nations, or more than half of the world's central banks, are experimenting with developing CBDCs.



- According to the IMF, only Nigeria and the Bahamas have so far fully launched their CBDC initiatives.
- According to a recent report by data analytics company Visual Capitalist, in a controlled environment, the nation has started the technical development and preliminary testing of CBDCs.

Source: Economic Times

HDFC Bank issues India's first electronic bank guarantee

Why in News:

- As a result of their collaboration with National e-Government Services Limited, HDFC Bank has become the first bank in the nation to issue Electronic Bank Guarantees (e-BG) (NESL).



Key Points:

- The new electronic bank guarantee, which can be processed, stamped, validated, and given promptly with improved security, has replaced the paper-based, time-consuming process.
- When using an electronic bank guarantee, you can complete the physical collection from the bank, delivery to the beneficiary, stamping, and re-verification process in a fraction of the time it takes with a paper-based bank guarantee.
- Physical stamping has been replaced with e-stamping thanks to electronic bank guarantees.
- To streamline the procedure and remove the chance of fraud and manipulation, e-BG was developed in collaboration with NESL, CVC-CBI Committee, and IBA.
- On the NESL site, an API-based digital workflow will be used to issue the e-BG.
- Through its Digital Factory, Enterprise Factory, and Enterprise IT, HDFC Bank is developing new competencies to grow the bank.
- The Bank's digital strategy includes the development of new competencies as a core tenet.

Source: The Hindu



Appointment

Chief Justice Munishwar Nath Bhandari appointed as Chairman of the PMLA Appellate Tribunal

Why in News:

- Justice Munishwar Nath Bhandari has been appointed as the Chairman of the Appellate Tribunal under the Prevention of Money Laundering Act by the Chief Justice of Madras High Court, Center (PMLA).



Key Points:

- The Ministry of Finance's Department of Revenue has issued this directive.
- Through the Finance Act of 2016, the PMLA Appellate Tribunal and the Tribunal for Forfeiture of Property under SAFEMA were combined.
- Previously, in July 2007, Justice Bhandari was chosen to serve as a judge of the Rajasthan High Court.
- Justice Bhandari was named the acting chief justice of the Allahabad High Court in June 2019 after being transferred to that court in March 2019.
- Justice Bhandari was moved from Allahabad to the Madras High Court when the Supreme Court Collegium suggested that Sanjeev Banerjee, the then-chief justice of the Madras High Court, be appointed as the chief justice of the Meghalaya High Court.
- Later, Justice Bhandari assumed the role of Acting Chief Justice, and in February of this year, he was appointed to the position of Chief Justice of the High Court.

Source: Livemint

Volker Turk set to become next UN human rights chief



Why in News:

- Volker Turk, a citizen of Austria, has been appointed as the UN General Assembly's human rights representative by UN Secretary-General Antonio Guterres.

Key Points:

- Chilean politician Veronica Michele Bachelet Jeria, who held the position of UN High Commissioner for Human Rights (OHCHR) from 2018 to 2022, is replaced by Volker Turk.
- Turk, who is the assistant secretary-general for policy at the moment.
- Volker Turk previously held the position of Assistant High Commissioner for Security at the United Nations Refugee Agency (UNHCR), Geneva.
- Volker Turk has worked tirelessly and effectively to improve human rights on a worldwide basis.
- Volker Turk has also collaborated with the United Nations Refugee Agency in Kuwait, Malaysia, Kosovo, and Bosnia-Herzegovina.
- A contentious report that China is mistreating Muslim minorities and committing crimes against humanity against the Uyghur people would be Volker Turk's first obstacle.
- The Office of the High Commissioner for Human Rights Establishment was established in December 1993.

Source: Indian Express

King Charles III ascends to the throne of the United Kingdom

Why in News:

- Prince Charles, the late Queen Elizabeth II's son, succeeded as the new monarch of Britain.

Key Points:

- Following the passing of Queen Elizabeth II, Prince Charles succeeded her as the monarch of the United Kingdom, becoming King Charles III.
- Prince Charles Philip Arthur George is Charles' full name; he was born in Buckingham Palace.



- After graduating from Trinity College at Cambridge University in 1971 and earning his master's degree there in 1975, Prince Charles became the first member of the royal family to hold a college diploma.
- Prince Charles had previously served from 1971 to 1976 in the Royal Navy.
- King Charles will succeed Queen Elizabeth as the new monarch of the 14 Commonwealth nations that Queen Elizabeth formerly presided over.
- On February 6, 1952, Queen Elizabeth II succeeded her father, King George VI, who had passed away at the young age of 25.
- Queen Elizabeth II was the British monarch who reigned the longest.

Source: Times of India

Science & Tech

Agnikul Cosmos wins the first patent for a 3D-printed rocket engine

Why in News:

- One of India's private space businesses, Agnikul Cosmos, has been granted its first patent for the creation of its 3D-printed rocket engine.



Key Points:

- The business has received a patent for its Agnilet rocket engine, which will propel the Agnibat rocket when it launches later this year.
- One such single-piece engine is the Agnilet, which was entirely developed and produced in India. It is the world's first single-piece 3D-printed rocket engine.
- A successful test of Agnilet took place in early 2021.
- The Agnilet was created to include each of these in a single piece of hardware that requires no assembly.
- At IAC 2021 in Dubai, the most esteemed conference on space technology, Agnikul showcased this engine.



- The Indian Space Research Organization, India's primary space agency, is also responsible for some of the country's 2% market share in terms of commercial space operations (ISRO).
- Srinath Ravichandran, Moin SPM, and SR Chakraborty established Agnikul in 2017. (Professor of IIT-Madras).
- Agnikul and the Indian Space Research Organization (ISRO) signed a contract in December 2020 as part of the IN-SPACe program in exchange for the space agency's knowledge and access to its facilities to produce rocket engines.

Source: Indian Express

Defence

Project 17A 'Taragiri' third stealth frigate launched

Why in News:

- The third Project 17A stealth frigate for the Indian Navy, named "Taragiri," was unveiled in Mumbai by Mazagon Dock Shipbuilders (MDL).



Key Points:

- An integrated construction process is used to build the ship, which entails hull block construction in multiple sites as well as integration and construction at slipways at MDL.
- The frigate was created by the Indian Navy's internal design team, the Bureau of Naval Design.
- The government approved the renowned "Project 17A" in 2015, which calls for the construction of seven stealth frigates at a projected cost of Rs 50,000 crore.
- Of these seven, the contract for three of the warships was given to GRSE, and the contract for the other four warships was given to the Mumbai-based state-owned Mazagon Docks Limited (MDL).
- These warships will have top-notch stealth capabilities in addition to having cutting-edge, modern sensors.



- These include a large main cannon for aiming at ships and coastal targets, torpedoes, and rockets to kill submarines, rapid-fire weapons to take out anti-ship missiles, and rapid-fire guns.

Source: Indian Express

Singapore honors Lamba, former Navy Chief of India with the 'Medhavi Seva Medal'

Why in News:

- Admiral Sunil Lanba, a former commander of the Indian Navy, has been awarded the Meritorious Service Medal (Military) (MSM(M)), Singapore's highest military honor, by President Halima Yacob.



Key Points:

- The award was given to Admiral Lanba in recognition of his remarkable contribution to strengthening the long-standing and strong bilateral defence ties between the Indian Navy and the Republic of Singapore Navy.
- The framework for Navy-to-Navy exchanges and areas of common interest were formed by the two nations' signing of the Bilateral Agreement for Naval Cooperation in November 2017 and the Implementation Arrangement for Mutual Coordination, Logistics and Services Support in June 2018. expanded collaboration in areas like information sharing, support for logistics, and submarine rescue.
- With the assistance of the former Navy Chief Lanba, the two navies also conducted the Silver Jubilee of the Singapore-India Maritime Bilateral Exercise earlier in 2018.
- Both armies successfully completed the Singapore-India-Thailand Maritime Exercise (SITMEX) in September 2019.

Source: PIB



Important Days

International Day of Democracy 2022 celebrated on 15 September

Why in News:

- Every year on September 15, people worldwide observe the International Day of Democracy.

Key Points:

- Promoting democracy around the world is the primary goal of Democracy Day.
- The protection and effective promotion of human rights fundamentals should be remembered on this day, which is known as the International Day of Democracy.
- The United Nations General Assembly established the International Day of Democracy in 2007.
- The first International Day of Democracy was observed in 2008.
- India is said to as the largest democracy in the world since there, 600 million people use their votes to elect the government.
- The International Day of Democracy seeks to promote meaningful engagement in democracy among all citizens and the government.
- The purpose of the International Day of Democracy is to raise awareness of pressing concerns, mobilize political will and financial support for global problem-solving efforts, and commemorate the accomplishments of humanity.
- The Inter-Parliamentary Union was founded in Paris, France in 1889, and today it has its headquarters in Geneva, Switzerland.
- Martin Chungong is the General Secretary of the Inter-Parliamentary Union, while Kirpan Hussain Chowdhury is its President.



Source: Times of India



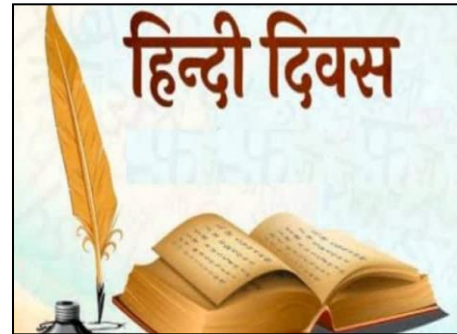
Hindi Diwas 2022

Why in News:

- Every year on September 14, India celebrates Hindi Diwas.

Key Points:

- Every year on September 14th, India celebrates Hindi Diwas or National Hindi Day to commemorate the day that Hindi became an official language of India by the Constituent Assembly in 1949.
- The decision to utilize Hindi as the official language of India was taken by the Constitution of India on January 26, 1950, and it was determined by the first Prime Minister of India, Jawaharlal Nehru, to mark this day as Hindi Diwas.
- The Eighth Schedule also includes the Hindi language.
- The Devanagari script is used to write Hindi, the fourth most widely spoken language in the world.
- By Turkish invaders in the early 11th century, the language of the area surrounding the Indus River was given the name Hindi, or "Language of the Indus River Land."
- English is the second official language of India, with Hindi serving as the first.
- In the eleventh century, the Devanagari script as we know it today was created.



Source: Livemint

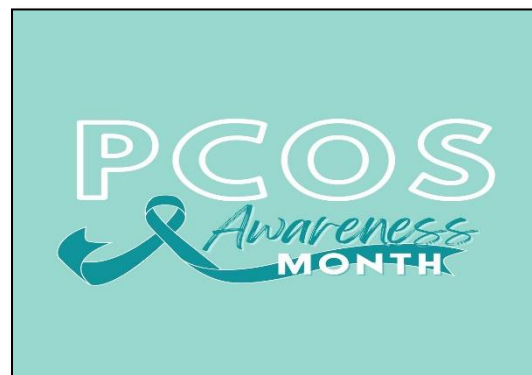
International PCOS Awareness Month: 1-30 September 2022

Why in News:

- September 1 to September 30, 2022, will mark International PCOS Awareness Month.

Key Points:

- The most common hormonal condition in women, polycystic ovary syndrome (PCOS), is also the main factor in infertility in women.



- A major genetic, hormonal, metabolic, and reproductive condition that affects women and girls is a polycystic ovarian syndrome (PCOS).
- The National Polycystic Ovary Syndrome Association, which sponsors PCOS Awareness Month, offers useful tools, programs, and information.
- The goal of PCOS Awareness Month is to enhance the lives of those who are afflicted by the condition, alleviate their symptoms, and lower their risk of developing life-related conditions.
- The National Polycystic Ovary Syndrome Association, which sponsors PCOS Awareness Month, offers useful tools, programs, and information.
- The objectives of International PCOS Awareness Month are to enhance diagnosis and treatment of the condition, increase the quality of life and outcomes for women and girls with PCOS, and increase public awareness and education about PCOS among women, girls, and health professionals.
- Aiming to give research, diagnosis, and support to women and girls with PCOS, International PCOS Awareness Month strives to motivate medical researchers to expand their understanding of PCOS by recognizing the problems faced by all women and girls with PCOS. and make a pitch to medical professionals.

Source: Times of India

Himalaya Day 2022

Why in News:

- On September 9, the Naula Foundation and the National Mission for Clean Ganga will jointly host Himalaya Day.

Key Points:

- In order to protect the Himalayan ecosystem and region, Himalaya Day is observed.
- Himalaya Day aims to raise awareness of the difficulties that the hill cities of the Himalayas face due to poor building planning and design, inadequate infrastructure, such as a road, water supply, sewage, etc., and unprecedented tree destruction.
- Himalaya Day in 2022 will focus on the idea that "the Himalayas will be safe only when the interests of its residents are respected."
- On Himalaya Day, it is highlighted how urgently eco-sensitive hill town ideas and designs must be created.



- The Himalayas need to be safeguarded because they are a source of power and a priceless cultural legacy for the entire globe.
- The 9th of September was formally designated as Himalaya Day in 2015 by the Uttarakhand Chief minister.
- The Himalayas are crucial in defending the nation from severe weather and saving and maintaining wildlife.
- The Himalayan range not only has a diverse assortment of plants and animals, but it also brings rain to the nation. Himalaya Day is a great opportunity to educate the public and encourage engagement in conservation efforts on a local level.

Source: Indian Express

World first aid day 2022

Why in News:

- World First Aid Day is observed every year on the second Saturday of September.

key points:

- This year, World First Aid Day 2022 has been organized on 10 September 2022.
- World First Aid Day was first started by the International Federation of Red Cross and Red Crescent Societies (IFRC).
- According to IFRC, the theme of this year's World First Aid Day is 'Lifelong First Aid'.
- Every year, World First Aid Day is observed to create awareness and emphasize the value of first aid as an act of human empowerment and as a fundamental part of the wider resilience approach.
- World First Aid Day is an occasion to improve public perception of first aid and to make first aid education accessible to the public.
- This year, the World First Aid Day event will be coordinated by the Global First Aid Reference Center, which will also provide necessary resources to national committees.
- The history of World First Aid Day dates back to the Battle of Solferino in 1859, in which a young Geneva businessman, Henri Dunant, was horrified and stunned by the massacre of people.



- This incident inspired Henry Dunant so much that he wrote a book titled 'A Memory of Solferino, in which, he recounted his experiences and eventually formed the International Committee of the Red Cross (ICRC) as a co-founder, so as to provide immediate primary care to prevent loss of life due to lack of first aid education.
- In the year 2000, the second Saturday of September was officially declared as World First Aid Day by the IFRC.

Source: Jansatta

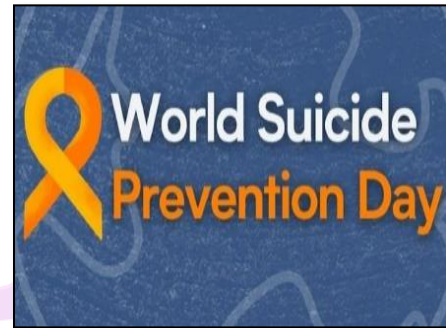
World Suicide Prevention Day observed on 10 September

Why in News:

- The global community observes World Suicide Prevention Day (WSPD) on September 10 each year.

Key Points:

- World Suicide Prevention Day in 2022 will have as its subject "Creating Hope through Action."
- The World Health Organization wishes to convey a message that those who are considering suicide should not give up hope in any way through the programs that will be held on this day.
- The World Health Organization and the International Association for Suicide Prevention (IASP) both support World Suicide Prevention Day (WHO).
- The main objective of World Suicide Prevention Day is to increase global awareness of suicide prevention.
- On World Suicide Prevention Day, participants are encouraged to work together and feel empowered to prevent suicide and self-harm.
- The International Association for Suicide Prevention and the World Health Organization launched World Suicide Prevention Day (WSPD) in 2003. (WHO).



Source: Livemint

Back to Top↑

