



DAILY DOSE

CURRENT AFFAIRS – 01/11/2024

1. CLIMATE AND HEALTH CONFERENCE 2024:

RECENT: The inaugural Climate and Health Africa Conference (CHAC 2024) is taking place from October 29 to 31 in Harare, Zimbabwe.

AIM: To integrate Africa into the global discussion on climate change and health.

CHAC 2024 addresses the urgent health impacts of climate change in Africa.

2. ACT4DYSLEXIA CAMPAIGN:

RECENT: Key government buildings in India, including the Rashtrapati Bhavan and Parliament, were illuminated in red. This event was part of the 'Act4Dyslexia'.

To raise awareness about dyslexia and other learning disabilities affecting 20% of India's population, which includes approximately 35 million students.

It is not a reflection of intelligence. Many believe that individuals with dyslexia are simply "slow learners."

3. RANI DURGA VATI:

RECENT: The Madhya Pradesh cabinet approved the formation of a panel to develop a memorial and garden dedicated to Gond queen Rani Durgavati for Rs 100 crore.

Rani Durgavati (1524-2024) was the descendant of the famous Chandela dynasty of Mahoba and the queen of the Gond kingdom of Garha-Katanga.

4.LIPULEKH PASS:

RECENT: Pilgrims had the first-ever view of the sacred Kailash peak from the Old Lipulekh pass inside the Indian territory.

It is a high-altitude mountain pass located in the Kumaon region of Uttarakhand, near the trijunction of India, Nepal, and China.

It links the Indian state of Uttarakhand with the Tibet region of China.

5.INDIAN GREY WOLF:

RECENT: The Indian grey wolf, with its keen instincts, is believed to target and prey upon the weaker, sicker individuals, essentially acting as nature's culling system in the rugged landscapes of central Karnataka.

It is a subspecies of grey wolf that ranges from Southwest Asia to the Indian Subcontinent.

It travels in smaller packs and is less vocal than other variants. They are nocturnal and hunt from dusk to dawn.

PRABHA IAS ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 02/11/2024

1.GARUD SHAKTI:

RECENT: An Indian Army contingent of 25 personnel departed for Indonesia.

It focuses on strengthening the bond between the Indian and Indonesian armies.

This event is taking place in Cijantung, Jakarta, from November 1 to November 12.

2.INDIA'S FIRST GREEN CERTIFIED ZOO:

RECENT: The Durgesh Aranya Zoological Park is set to be an important development in India.

LOCATION: Bankhandi, Kangra district, it will be the first zoo in India to gain certification from the Indian Green Building Council (IGBC).

This certification marks the park's commitment to sustainable and eco-friendly practices.

KEY THEME: SUSTAINABILITY.

3.DEEPAM 2.0 SCHEME:

RECENT: Andhra Pradesh Chief Minister Chandrababu Naidu launched the Deepam 2.0 scheme in Edupuram, Srikakulam.

This initiative offers free gas cylinders to women, aiming to provide clean cooking energy and improve living conditions.

4.NAMO DRONE DIDI SCHEME:

RECENT: The Indian Government has launched the 'Namo Drone Didi' scheme.

AIM:To enhance agricultural efficiency.

This initiative helps to empower Women Self Help Groups (SHGs) by providing drones.

The scheme is part of the Deendayal Antyodaya Yojana-National Rural Livelihoods Mission (DAY-NRLM).

5.EXERCISE VAJTA PRAHAR:

RECENT: The Indian Army contingent set off for the 15th edition of the India-US joint Special Forces Exercise, VAJRA PRAHAR.

This exercise will take place from November 2 to November 22, 2024, at the Orchard Combat Training Centre in Idaho, USA.



DAILY DOSE

CURRENT AFFAIRS – 04/11/2024

1.GLOBAL TB REPORT:

It is an annual report published by the World Health Organization (WHO).

In 2023, India was estimated to have had 27 lakh TB cases, of which 25.1 lakh persons were diagnosed and put on treatment.

2.TURTLE SANCTUARY:

RECENT: NGT castigates UP officials for mining permissions in turtle sanctuary.

Turtle (Kachhua) Wildlife Sanctuary is located in the Varanasi District of Uttar Pradesh.

It was touted as the first freshwater turtle wildlife sanctuary in the country.

The protected area is a 7 km stretch of the Ganga River flowing through Varanasi city from Ramnagar Fort to Malviya Rail/Road Bridge.

3.ALSTONIA SCHOLARIS:

Alstonia scholaris, commonly called blackboard tree, scholar tree, milkwood, or devil's tree in English, is an evergreen tropical tree in the dogbane family (Apocynaceae).

It is called 'Saptaparna' in India. It has been cited in the Charaka and Sushruta Samhithas.

IUCN status: Least Concern.

4.IRON BEAM:

RECENT: Israel's 'Iron Beam', designed to use high-power laser to down projectiles, will be operational within a year, according to reports.

The Iron Beam, also known as Magen or Light Shield, is a new laser-based missile defence system developed by Israel.

Built by Rafael Advanced Defense Systems, Iron Beam was first unveiled in 2014.

Its operational range extends up to 7 km (4.3 miles).

5.MARKHOR:

RECENT: Markhor, the largest wild goat in the world, is battling for survival in Jammu and Kashmir and measures must be taken to protect its habitat to increase its population.

It is known for its thick fur, flowing beard and corkscrew horns.

It is considered to be an apt flagship species for catalysing conservation in these mountain tracks.

It is a diurnal animal and is mainly active in the early morning and late afternoon.

Conservation status

IUCN : 'Near Threatened'

Wildlife (Protection) Act, 1972 : Schedule I

CITES: Appendix I.



DAILY DOSE

CURRENT AFFAIRS – 05/11/2024

1.FIRST IN THE WORLD CHALLENGE:

RECENT: The Indian Council of Medical Research (ICMR) launched the First in the World Challenge.

This initiative encourages Indian scientists to propose innovative solutions for pressing health issues.

AIM: To encourage breakthrough ideas in biomedical research that have never been attempted globally.

2.GEO-7 REPORT:

RECENT: An important global effort is underway, led by hundreds of scientists drafting the GEO-7 report.

This initiative, under the United Nations Environment Programme (UNEP), aims to address critical environmental challenges.

The seventh edition of the Global Environment Outlook (GEO) is set to be published at the United Nations Environment Assembly (UNEA-7) in December 2025.

3.TUMAINI FESTIVAL:

RECENT: Tumaini Festival in Malawi unites refugees and locals through music, art, and crafts, fostering connection and hope.

Founded in 2014, the Tumaini Festival is a cultural event held annually within the Dzaleka Refugee Camp in Malawi.

It is the only festival of its kind in the world that is held within a refugee camp.

4.GOBIND SAGAR LAKE:

It is a manmade reservoir located in the Una and Bilaspur districts of Himachal Pradesh.

It is named in honour of Guru Gobind Singh, the tenth Sikh Guru.

5.LIGNOSAT:

RECENT: The world's first wooden satellite LignoSat built by Japanese researchers was launched into space in an early test of using timber in lunar and Mars exploration.

LignoSat", a fusion of "ligno" (the Latin word for wood) and "satellite".

It is developed through collaborative research and development by a team comprising members from Kyoto University and Sumitomo Forestry Co.

It is tasked to demonstrate the cosmic potential of the renewable material as humans explore living in space.



DAILY DOSE

CURRENT AFFAIRS – 06/11/2024

1. INTERNATIONAL ENERGY AGENCY:

Recent - The global market for clean energy technologies is set to rise from \$700 billion in 2023 to more than \$2 trillion by 2035 – close to the value of the world's crude oil market in recent years, says a first of its kind study by the International Energy Agency (IEA).

It is an autonomous intergovernmental organisation within the Organisation for Economic Co-operation and Development (OECD) framework.

Mission: It works with governments and industry to shape a secure and sustainable energy future for all.

India joined this organization in 2017 as an Associate member.

2. VISIBLE EMISSION LINE CORONAGRAPH:

Recent - Scientists at the Indian Institute of Astrophysics (IIA) Bengaluru recently reported the “first significant” results from the Visible Emission Line Coronagraph (VELC) payload onboard the ADITYA-L1 Mission.

It is the primary payload of the Aditya-L1 Mission-India's first mission to observe the Sun from a vantage point 1.5 million kilometres from the earth.

It is an internally occulted solar coronagraph capable of simultaneous imaging, spectroscopy, and spectro-polarimetry close to the solar limb.

3. IL-35 PROTEIN:

Recent - Scientists at the Institute of Advanced Study in Science and Technology (IASST) in Guwahati, an autonomous institute under the Department of Science and Technology, have discovered a specific protein IL-35 that can aid in new treatments for type I and autoimmune diabetes mellitus.

It is a specific protein of IL-12 α and IL-27 β chains.

It helps protect against type 1 and autoimmune diabetes.

4. MINUTEMAN III:

Recent - The US army would be carrying out a test launch of a Minuteman III hypersonic nuclear missile hours after voting close on Election Day.

The LGM-30G Minuteman III is an American intercontinental ballistic missile (ICBM).

"L" in LGM is the US Department of Defense designation for silo-launched; "G" means surface attack; and "M" stands for guided missile.

5. PROBA 3 MISSION:

Recent - the union minister of Science and Technology said that India will launch the European Space Agency's Proba-3 mission early next month from the spaceport at Sriharikota.

It is the European Space Agency's (ESA) first mission dedicated to precision formation flying.

It is the innovative mission which will demonstrate precision formation flying between two satellites to create an artificial eclipse, revealing new views of the Sun's faint corona.



DAILY DOSE

CURRENT AFFAIRS – 07/11/2024

1.3RD EDITION OF WORLD SOLAR REPORT:

RECENT: The International Solar Alliance (ISA) released the 3rd edition of the World Solar Report series during its 7th Assembly.

The series includes four new reports: the World Solar Market Report, World Investment Report, World Technology Report, and Green Hydrogen Readiness Assessment for African Countries.

These reports underscore the importance of solar energy in the transition to sustainable energy.

2.MAHASAGAR:

RECENT: The Indian Navy hosted the third edition of MAHASAGAR.

This high-level virtual interaction involved key maritime leaders from the Indian Ocean Region (IOR).

It is the Indian Navy's flagship initiative for encouraging dialogue among maritime heads.

3.RAMSES:

RECENT: The European Space Agency (ESA) has started initial planning for a mission to explore a large asteroid called Apophis, officially known as asteroid (99942).

mission, named the Rapid Apophis Mission for Space Safety (RAMSES), is designed to reach Apophis in February 2029.

4.PM-VIDYALAXMI SCHEME:

RECENT: The union cabinet approved PM Vidyalaxmi scheme, which seeks to provide financial support to meritorious students in their pursuit of higher education.

It is a Central Sector Scheme.

Under this scheme any student who gets admission in quality Higher Education Institution (QHEIs) will be eligible to get collateral free, guarantor free loan from banks and financial institutions to cover full amount of tuition fees and other expenses related to the course.

5.BIDAR FORT:

RECENT: Waqf Board identifies 17 monuments inside historic Bidar Fort in Karnataka as its property.

Bidar Fort is situated in Bidar city of the northern plateau of Karnataka, India.

The history of Bidar Fort dates back over 500 years, starting with the reign of the Western Chalukya dynasty.

Sultan Ahmed Shah Wali of the Bahmani dynasty made Bidar his capital in 1430 and renovated it as an impressive citadel.



DAILY DOSE

CURRENT AFFAIRS – 08/11/2024

1. MILLIMETER WAVE:

Recent - the Centre for Development of Telematics (C-DOT) and the Indian Institute of Technology-Roorkee (IIT-Roorkee) for have signed an agreement under the Telecom Technology Development Fund (TTDF) scheme of the DoT with the development of a “millimeter wave transceiver for 5G rural connectivity”.

It refers to electromagnetic waves with frequency between 30-300 GHz and wavelength between 10 mm and 1 mm.

2. BRAN:

Recent - A study highlights that keeping bran on millets improves the health benefits and should be promoted in Indian diets to improve diet quality.

It is the edible broken seed coat, or protective outer layer, of wheat, rye, or other cereal grains, separated from the kernel.

3. TUNA FISH

Recent - The Department of Fisheries, under the Ministry of Fisheries, Animal Husbandry and Dairying has notified the Development of Tuna Cluster in the Andaman and Nicobar Islands under the Pradhan Mantri Matsya Sampada Yojana (PMMSY).

They are pelagic marine fish, spending their entire lives relatively near the surface of tropical, subtropical and temperate oceans and seas.

There are seven main species of tuna consumed by humans including albacore, skipjack, yellowfin and three species of bluefin tuna.

Pradhan Mantri Matsya Sampada Yojana was launched in September 2020 with an aim to double the income of fish farmers and fishers in the country.

4. REGIONAL COMPREHENSIVE ECONOMIC PARTNERSHIP:

Recent - In a departure from the government's stated position, the top official from the Niti Aayog on said India should be part of the China-backed Regional Economic partnership (RCEP) trade bloc.

It is a proposed agreement between the member states of the Association of Southeast Asian Nations (Asean) and its free trade agreement (FTA) partners.

The pact aims to cover trade in goods and services, intellectual property, etc.

5. BLACK FOOTED FERRET:

Recent - Antonia, a cloned black-footed ferret at the Smithsonian's National Zoo and Conservation Biology Institute, has produced two healthy offspring that will help build genetic diversity in their recovering population.

It belongs to the weasel family and is the only ferret that is native to North America.

IUCN status - Endangered.

CITES - Appendix I.



DAILY DOSE

CURRENT AFFAIRS – 09/11/2024

1.LADKI BAHIN YOJANA SCHEME:

RECENT: Prime Minister Narendra Modi addressed a rally in Nashik. He brought into light the Mahayuti government's 'Ladki Bahin Yojana'.

The 'Ladki Bahin Yojana' provides financial support to women. Eligible women aged 21-65 receive a monthly stipend of Rs 1,500.

2.AUSTRAHIND:

RECENT: Exercise AUSTRALIND has commenced in Pune, Maharashtra.

The exercise takes place annually, alternating between the two nations.

3.PyPIM PLATFORM:

RECENT: Israeli researchers have developed PyPIM that enables computers to process data directly in memory, bypassing the need for the central processing unit (CPU).

It combines the Python programming language with digital processing-in-memory (PIM) technology.

It uses new instructions to enable operations to be performed directly in memory.

4.ZAMBIA:

RECENT: India-Zambia holds 6th Session of Joint Permanent Commission in Lusaka.

It is a landlocked country in south-central Africa.

It is situated on a high plateau and takes its name from the Zambezi River, which drains all but a small northern part of the country.

5.INS VIKRANT:

RECENT: The President of India witnessed the Indian Navy's demonstration on INS Vikrant.

It is India's first indigenously designed and manufactured aircraft carrier.

The ship has been designed in-house by the Indian Navy's Warship Design Bureau and constructed by M/s Cochin Shipyard Limited.

PRABHA IAS ACADEMY

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DAILY DOSE

CURRENT AFFAIRS – 11/11/2024

1. SEAPLANE SERVICE:

RECENT: The tourism sector in Kerala is set for an important boost with the launch of a new seaplane service.

The inaugural flight will operate from Bolgatty to Mattupetty Dam in the Idukki district.

The service is part of the Udan scheme, which aims to enhance regional connectivity through air travel.

2. INSV TARINI:

RECENT: The Indian Naval Sailing Vessel (INSV) Tarini has successfully completed a 39-day voyage.

The expedition is part of the Navika Sagar Parikrama II initiative.

AIM-To promote gender equality and enhance global maritime cooperation.

3. DIGITAL POPULATION CLOCK:

RECENT: Bengaluru is set to launch its first digital population clock.

This event will take place at the Institute for Social and Economic Change (ISEC) on November 8, 2024.

The clock will display real-time population estimates for Karnataka and India.

4.KAYAKALP SCHEME:

RECENT: The Rajasthan College Education Commissionerate has directed 20 government colleges to get the front facade of their buildings and entry halls painted orange under the Kayakalp Scheme.

It is an initiative launched by the Ministry of Health and Family Welfare (MoHFW) on May 15, 2015, under Swachh Bharat Abhiyan to promote cleanliness and enhance the quality of healthcare facilities in India.

5.AMCHANG WILDLIFE SANCTUARY:

RECENT: A highly decomposed carcass of an elephant was discovered in the Khanapara range of the Amchang Wildlife Sanctuary.

It is located in the state of Assam.

It comprises three Reserve forests-Khanapara, Amchang, and South Amchang.



DAILY DOSE

CURRENT AFFAIRS – 12/11/2024

1. ASIA PACIFIC TELECOMMUNITY:

APT is an intergovernmental organization established in February 1979 with the aim of promoting ICT development in the Asia-Pacific region.

APT was founded on the joint initiatives of the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) and the International Telecommunication Union (ITU).

Currently, the APT has a strength of 38 Members, 4 Associate Members and more than 140 Affiliate Members (private companies and academia whose works are relevant to the ICT field).

2. ALIGARH MUSLIM UNIVERSITY:

Recent - The Supreme Court overruled its 1967 judgement about the Aligarh Muslim University (AMU) that became the basis for denying the minority status to the institute.

It is a government-run education institution situated in Aligarh, Uttar Pradesh.

It was originally established by social reformer Sir Syed Ahmad Khan as the Mohammedan Anglo-Oriental College in 1875.

3. EXERCISE ANTARIKSHA ABHYAS:

Recent - First Ever Space Exercise 'Antariksha Abhyas – 2024' hosted by Defence Space Agency begins in New Delhi.

It is an exercise to war-game the growing threats from and to Space Based Assets and Services.

It is being conducted by the Defence Space Agency of Headquarters Integrated Defence Staff.

4. TOXIC EPIDERMAL NECROLYSIS:

TEN, also known as Lyell's syndrome, is a rare, life-threatening skin condition.

TEN is the most severe form of Stevens-Johnson syndrome (SJS).

Both conditions are caused by a reaction to medications-often antibiotics or anticonvulsives.

People with weakened immune systems are more likely to develop SJS or TEN.

5. PINAKA MULTI BARREL ROCKET LAUNCHER:

Recent - According to defence officials, two South American countries have shown interest in the Pinaka multi-barrel rocket launchers.

It is designed by the Armament Research and Development Establishment (ARDE), a laboratory of the DRDO.

It was first used during the Kargil War, where it successfully neutralised Pakistan Army positions on the mountain tops.



DAILY DOSE

CURRENT AFFAIRS – 13/11/2024

1.FOREIGN CONTRIBUTION REGULATION ACT:

RECENT: The Central government of India suspended the Foreign Contribution Regulation Act (FCRA) licence of the Centre for Policy Research (CPR).

It is a law enacted by Parliament to regulate foreign contributions (especially monetary donations) provided by certain individuals or associations to NGOs and others within India.

The FCRA was originally enacted in 1976, and significantly revised in 2010.

The Act falls under the purview of the Ministry of Home Affairs (MHA).

2.SAHYADRI TIGER RESERVE:

RECENT: In a boost for wildlife enthusiasts and tourists, a new tiger has been spotted in the renowned Sahyadri Tiger Reserve in Maharashtra.

It is located in the Sahyadri Ranges of the Western Ghats in Maharashtra.

It is the northernmost tiger habitat in western ghats, with an area of almost 741.22 sq. km.

3.COMB JELLY:

RECENT: Comb jellies, also known as ctenophore Mnemiopsis leidyi, can defy age and revert to younger versions of themselves, according to a study published.

They are transparent, gelatinous invertebrates that drift through the waters of our global ocean.

They are one of the oldest multicellular phyla in the animal kingdom, probably existing already more than 500 million years.

4.GUTTI KOYA TRIBALS:

They are one of the few multi-racial and multi-lingual tribal communities in India.

The Koya population is concentrated in Telangana, Andhra Pradesh, Chhattisgarh and Odisha.

5.VOYAGER 2 SPACECRAFT:

It is an unmanned space probe launched by NASA on August 20, 1977, just a few weeks before its sister craft, Voyager 1.

Primary mission: Its mission was to study the outer planets of our solar system, including Jupiter, Saturn, Uranus, and Neptune and their moons, and then continue on an interstellar mission.



DAILY DOSE

CURRENT AFFAIRS – 14/11/2024

1.PANTSIR-S1:

RECENT: India's Bharat Dynamics Limited (BDL) has signed an important agreement with Russia's Rosoboronexport.

The Pantsir air defence system is designed to protect critical assets. It combines missile and gun capabilities.

2.STATE OF THE CLIMATE 2024 REPORT:

RECENT: State of the Climate 2024 Report once again issues a Red Alert at the sheer pace of climate change in a single generation.

It was released by the World Meteorological Organisation (WMO) during the United National Climate Conference (COP29) in Baku.

The year 2024 is on track to be the warmest year on record after an extended streak of exceptionally high monthly global mean temperatures.

3.BOOKER PRIZE:

RECENT: British writer Samantha Harvey won the Booker Prize 2024 for fiction with *Orbital*, a short, wonder-filled novel set aboard the International Space Station.

It is the world's leading literary award for a single work of fiction.

AIM: To promote the finest in fiction by rewarding the best novel of the year written in English.

4.WALKING PNEUMONIA:

RECENT: Doctors have reported cases of "walking pneumonia," a mild yet persistent lung infection that can mimic symptoms of a common cold.

It is a type of atypical pneumonia most commonly caused by the bacteria *Mycoplasma pneumoniae*, but other bacteria or viruses can also cause it.

It often presents symptoms similar to those of a common cold or mild respiratory infection, including cough, sore throat, low-grade fever, and fatigue.

5.EXERCISE SEA VIGIL:

RECENT: The Indian Navy is set to conduct the fourth edition of the 'Pan-India' Coastal Defence Exercise 'Sea Vigil-24' on 20 & 21 Nov 24.

The National Level Coastal Defence Exercise was conceptualised in 2018 to validate various measures that have been instituted towards enhancing maritime security since '26/11'.

The concept of 'Sea Vigil' is to activate the Coastal Security apparatus across India and assess the overarching Coastal Defence mechanism.



DAILY DOSE

CURRENT AFFAIRS – 15/11/2024

1. PAIR PROGRAMME:

RECENT: The Anusandhan National Research Foundation (ANRF) has launched the Partnerships for Accelerated Innovation and Research (PAIR) Program, which enhances research capabilities in Indian universities.

The PAIR Programme aligns with the National Education Policy (NEP).

It seeks to encourage research excellence in universities, particularly those with limited capabilities.

2. INTERNATIONAL CONFERENCE ON TRADITIONAL KNOWLEDGE:

RECENT: The International Conference on Communication and Dissemination of Traditional Knowledge commenced at Gurugram University.

This event is a collaboration between the Council of Scientific and Industrial Research (CSIR)-National Institute of Science Communication and Policy Research (NIScPR) and Gurugram University.

To highlight and promote traditional knowledge through scientific validation.

3.SENNA TORA:

RECENT: The Tamil Nadu Forest Department is dealing with a new ecological problem caused by an invasive plant called Senna tora.

This plant, originally from Central America, has been found in the Mudumalai Tiger Reserve and nearby areas, which may harm local wildlife.

The plant poses a potential risk to grasslands.

4.SOLOMON ISLANDS:

RECENT: A team of researchers discovered the world's largest coral colony in the Solomon Islands.

The Solomon Islands are two parallel chains of volcanic islands and small coral atolls in the south-western Pacific Ocean.

It consists of nearly 1,000 islands (6 large main islands and over 900 smaller islands), of which 147 are inhabited.

5.KNOW YOUR MEDICINE APP:

It is part of NADA India's broader mission to raise anti-doping awareness and education, equipping athletes with essential information to stay clean.

The app allows users to easily verify whether a specific medicine or its ingredients contain any substances listed as prohibited by the World Anti-Doping Agency (WADA).

PRABHA IAS ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 16/11/2024

1.KOIMA:

RECENT: Research has revealed the genus Koima, a new group of freshwater fish endemic to the Western Ghats.

The research was conducted by a team from the Kerala University of Fisheries and Ocean Studies and Shiy Nadar Institution of Eminence. Their findings were published in the journal Zootaxa.

2.CHANG'E-6:

RECENT: In June 2024, China's Chang'e-6 spacecraft achieved an important milestone and successfully retrieved the first surface samples from the moon's far side.

The retrieved samples offer vital information about the moon's volcanic past.

3.GLOBAL ENERGY EFFICIENCY ALLIANCE:

RECENT: The United Arab Emirates (UAE) has revealed plans for the Global Energy Efficiency Alliance during COP29.

AIM: To double global energy efficiency rates by 2030 and also seeks to reduce carbon emissions. The announcement builds on commitments made during COP28.

4.BARAK RIVER:

RECENT: Three bodies, discovered in Manipur's Barak River, are feared to be connected to the disappearance of six people from a displacement camp.

It is the second largest river in the Northeast India after the Brahmaputra.

The river runs through Manipur, Nagaland, Mizoram, Assam in India, and Bangladesh.

5.ZEBRAFISH:

RECENT: Chinese astronauts successfully reared four zebrafish in space which was part of the Shenzhou-18 mission.

It is a small (2-3 cm long) freshwater fish found in tropical and subtropical regions.

The vertebrate takes its name from the horizontal blue stripes running the length of its body.

Habitat: It is native to South Asia's Indo-Gangetic plains, where they are mostly found in the paddy fields and even in stagnant water and streams.



DAILY DOSE

CURRENT AFFAIRS – 18/11/2024

1.PANNA TIGER RESERVE:

Location: It is a critical tiger habitat located in the Vindhyan mountain range in the northern part of Madhya Pradesh.

Standing over an area of 542 sq.km., it is the only Tiger Reserve in the entire Bundhelkhand region.

It was declared a Project Tiger Reserve by the Government of India in 1994.

2.THE PRESS COUNCIL OF INDIA:

RECENT: The Press Council of India (PCI) recently issued an advisory to the print media on 'paid news'.

It was first set up in 1966 by the parliament on the recommendations of the First Press Commission under the chairmanship of Justice J.R Mudholkar.

The present council functions under the Press Council Act 1978.

It is a statutory, quasi-judicial body that acts as a watchdog of the press in India.

3.RED-HEADED VULTURE:

RECENT: Red-Headed Vulture sighted for the first time at Manhampothikunnu near Mavungal in Kasaragod, Kerala.

This is one of the 9 species of Vulture which are found in India. It is also called the Asian King vulture or Pondicherry Vulture. Appearance: It is a dark, medium-sized vulture with a bare reddish head and loose flaps on the side of the neck.

Conservation status

IUCN Red List: Critically Endangered

Wildlife Protection Act, 1972: Schedule 1.

4.BODOLAND MAHOTSAV:

RECENT: The Prime Minister inaugurated the 1st Bodoland Mahotsav in New Delhi.

It is a mega event on language, literature, and culture to sustain peace and build a Vibrant Bodo Society.

Theme: The theme for the Mahotsav is 'Peace and Harmony for Prosperous Bharat' with a focus on the rich culture, language and education of the Bodo community along with other communities from the Bodoland Territorial Region.

5.MIDNIGHT ZONE:

RECENT: A team of researchers recently discovered a glowing "mystery mollusk" named *Bathylodius Caudactylus* within the ocean's midnight zone.

The midnight zone is the single largest habitat on the planet, accounting for 70% of all seawater.

In addition to the lack of light, the midnight zone is characterized by a steady temperature of around 4° Celsius (39° Fahrenheit).



DAILY DOSE

CURRENT AFFAIRS – 19/11/2024

1.MECHANICAL QUBIT:

RECENT: Quantum computers can solve problems that classical computers cannot by using qubits, the basic units of quantum information, and new mechanical qubits have boosted their potential.

Mechanical qubits are tiny systems, akin to drum skins, that can exist in multiple states simultaneously.

They rely on vibrational states rather than electronic states.

This characteristic allows for potentially longer coherence times.

2.NOISE BOMBING:

RECENT: Tensions between North and South Korea have risen, impacting Dangsang village near the border, where loudspeakers from the North play disturbing sounds, disrupting residents.

North Korea uses loudspeakers for psychological warfare.

The sounds include gongs, howls, and screams.

These noises are designed to unsettle South Koreans.

3.PANDO:

RECENT: World's oldest living organisms.

Pando is a remarkable clonal colony of quaking aspen trees in Utah, which spans 106 acres and consists of around 47,000 individual trees.

It is connected by an extensive underground root system, making it a single organism rather than a forest.

4.ONE DAY ONE GENOME INITIATIVE:

RECENT: The Department of Biotechnology (DBT) and Biotechnology Research and Innovation Council (BRIC) introduces the 'One Day One Genome' initiative.

It will highlight the unique bacterial species found in our country and emphasize their critical roles in environment, agriculture and human health.

AIM: To release a fully annotated bacteriological genome isolated in the country freely available to the public.

5.THAI SACBROOD VIRUS:

RECENT: Research has uncovered the transmission of pathogens between managed honey bees and wild pollinators, a process called pathogen spillover and spillback.

The Thai sacbrood virus is one of the greatest threats facing the Asiatic honey bee.

The particular viral strain that attacks western honey bees is less virulent.

The disease caused by the virus's infection kills the bees' larvae.



DAILY DOSE

CURRENT AFFAIRS – 20/11/2024

1. WORLD ANTI DOPING AGENCY:

RECENT - India will host a 4-day Global Learning and Development Framework (GLDF) Results Management Training in collaboration with the World Anti-Doping Agency (WADA) in New Delhi.

WADA was established in 1999 as an international independent agency to lead a collaborative worldwide movement for doping-free sport.

WADA's governance and funding are based on an equal partnership between the sport movement and governments of the world.

WADA's primary role is to develop, harmonize, and coordinate anti-doping rules and policies across all sports and countries.

2. ARMY TACTICAL MISSILE SYSTEM:

RECENT - Russia's Defence Ministry said that Ukraine fired six US-made Army Tactical Missile System (ATACMS) at Russia's Bryansk region.

It is a conventional surface-to-surface artillery weapon system capable of striking targets well beyond the range of existing Army cannons, rockets, and other missiles.

It is manufactured by the US defense company Lockheed Martin.

3. CLOUD SEEDING:

Cloud seeding, also known as artificial rain, is a weather modification technique that aims to enhance precipitation by introducing substances into clouds to stimulate rainfall.

The science behind cloud seeding involves dispersing materials such as silver iodide, potassium iodide, or dry ice into clouds to encourage the formation of rain or snow.

4. BINAR SPACE PROGRAMME:

RECENT - three tiny Australian satellites from Curtin University's Binar Space Program burned up in Earth's atmosphere due to solar activity.

It is a satellite research program operating out of Curtin University.

It aims to advance our understanding of the Solar System and lower the barrier for operating in space.

5. EXERCISE SANYUKT VIMOCHAN:

RECENT - the Indian Army successfully conducted the Exercise, 'Sanyukt Vimochan 2024' at Ahmedabad and Porbandar on 18-19 November 2024.

It is a multilateral annual joint Humanitarian Assistance and Disaster Relief (HADR) Exercise.

The exercise, conducted by the Konark Corps of Southern Command of Indian Army, was conducted at Ahmedabad and Porbandar, Gujarat.



DAILY DOSE

CURRENT AFFAIRS – 21/11/2024

1.BOMB CYCLONE:

RECENT: An important weather phenomenon is approaching the US West Coast, which is known as a “bomb cyclone,” and is expected to bring extreme conditions.

A bomb cyclone is a powerful winter storm, which occurs when atmospheric pressure drops rapidly.

Specifically, the pressure must decrease by at least 24 millibars in 24 hours.

2.IFFI 2024:

RECENT: The 55th International Film Festival of India (IFFI) is set to begin on November 20 in Goa.

AIM: To showcase cinematic excellence alongside Goan culture.

The festival is organized by the Ministry of Information & Broadcasting, the National Film Development Corporation (NFDC), and the Entertainment Society of Goa (ESG).

3.SUSTAINABLE TRADE INDEX 2024:

RECENT: Sustainable trade benefits all trading partners and balances economic, social, and environmental factors.

The Sustainable Trade Index 2024 evaluates global economies. It is produced by the Hinrich Foundation and IMD. The index focuses on three areas – economic growth, societal progress, and environmental resilience.

New Zealand ranks first for the third consecutive year.

India ranks 23rd on the list.

4.GUYANA:

RECENT: The Indian Prime Minister arrived in Guyana recently, marking the first visit by an Indian leader in more than 50 years to the South American country with diaspora ties.

It is a country located in the northeastern corner of South America.

It is bordered by the Atlantic Ocean to the north, by Suriname (along the Courantyne River) to the east, by Brazil to the south and southwest, and by Venezuela to the west.

5.AQUACULTURE:

It is the propagation and husbandry of aquatic plants, animals, and other organisms for commercial, recreational, and scientific purposes.

There are two main types of aquacultures—marine and freshwater.

It is one of the fastest-growing forms of food production in the world.

Globally, aquaculture already supplies more than half of all seafood consumed by humans.

PRABHA IAS ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 22/11/2024

1.FIRST AI DATA BANK:

RECENT: India revealed its first Artificial Intelligence (AI) data bank.

AIM: To encourage innovation and enhance national security, by the Ministry of Science and Technology.

event focused on “AI for India – Advancing India’s AI Development – Innovation, Ethics, and Governance.”

2.PARTNERSHIP FOR GREEN DEAL:

RECENT: India and Sweden have collaborated for over 75 years, with a focus on sustainable industrial growth.

They launched the India-Sweden Industry Transition Partnership (ITP) at COP28 in Dubai.

AIM: To accelerate the transformation of heavy industries, particularly steel and cement.

3.APHANTANSIA:

Aphantasia is a fascinating condition that affects visual imagination, first noted in the 1880s by Francis Galton.

Aphantasia is the inability to create mental visual images.

Individuals with this condition cannot visualize pictures in their minds.

This is not classified as a disability, but rather a unique way of experiencing the world.

4.CLIMATE CHANGE PERFORMANCE INDEX:

RECENT: The Climate Change Performance Index (CCPI 2025) report was released at the annual UN climate conference in Baku.

It is published by think tanks German watch, New Climate Institute, and Climate Action Network International.

It tracks the progress of the world's largest emitters in terms of emissions, renewables, and climate policy.

It was first published in 2005.

India ranked 10th on a list of over 60 countries assessed for efforts to fight climate change.

5.INTERNATIONAL COOPERATIVE ALLIANCE:

RECENT: India is all set to host the global conference of the International Cooperative Alliance (ICA) for the first time.

The ICA is a non-profit international association which unites, represents and serves cooperatives worldwide.

The Global Cooperative Conference in India will also mark the official launch of the 'UN International Year of Cooperatives-2025'.

The theme of the conference is "Cooperatives Build Prosperity for All".

PRABHA IAS ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 23/11/2024

1.INTERNATIONAL SOLAR ALLIANCE:

RECENT: Armenia has become the 104th full member of the International Solar Alliance (ISA).

The ISA was established by India and France to combat climate change.

The organization promotes solar energy as a sustainable solution. Joining the ISA allows Armenia access to resources and expertise in solar technology.

2.String Representation Of Nanopore Geometry(STRONG):

RECENT: Recent advancements in nanopore research have emerged from the Indian Institute of Science (IISc).

It describes nanopore shapes and structures using a sequence of characters.

The publication appeared in the Journal of the American Chemical Society.

These configurations are crucial for determining nanopore properties.

3.WORLD'S MOST EXPENSIVE PASSPORT:

RECENT: Passport fees vary worldwide, with a report from April 2024, indicating that costs range from ₹1,500 to ₹19,000, influenced by factors such as the country of issuance and validity period.

The most expensive passport belongs to Mexico. It costs ₹19,481.75 for a ten-year validity.

The United Arab Emirates has the cheapest passport globally, which costs only ₹1,400.

India follows closely with a passport priced at ₹1,524.95 and it is valid for 10 years.

4.WAVES OTT PLATFORM:

Waves is a digital platform developed by Prasar Bharati.

It aims to cater to India's growing demand for streaming services.

5.NANO UREA:

RECENT: State-owned National Fertilizers Limited (NFL) recently announced its entry into nano liquid urea production.

It is a nanotechnology-based revolutionary agri-input that provides nitrogen to plants.

It is developed and patented by the Indian Farmers Fertiliser Cooperative Limited (IFFCO).

IFFCO Nano Urea is the only nano fertilizer approved by the Government of India and included in the Fertilizer Control Order (FCO).



DAILY DOSE

CURRENT AFFAIRS – 25/11/2024

1.PROJECT VEER GATH:

RECENT: More than 1.76 crore school students from all 36 States and UTs have participated enthusiastically in Project Veer Gatha 4.0.

It is a joint initiative of the Ministry of Defence and Ministry of Education.

AIM: To provide a platform for the school students to do creative projects/activities based on heroic deeds and sacrifice of gallantry award winners.

2.POBITORA WILDLIFE SANCTUARY:

RECENT: Pobitora Wildlife Sanctuary is witnessing a surge in the arrival of migratory birds as the winter season sets in.

It is located on the southern bank of the river Brahmaputra in Morigaon district, adjacent to Guwahati in Assam.

It was declared a reserve forest in 1971 and a wildlife sanctuary in 1987.

It is home to the highest population density of the Indian One-Horned Rhinoceros species (around 102 rhinos in an area of 38.8 sq. km).

3.DAL LAKE:

RECENT: The famous Chinar boat race 2024 was organised recently in J&K's Dal Lake by the Army.

It is a small mid-altitude lake situated in Srinagar, Jammu and Kashmir.

It is surrounded by the Pir Panjal mountains.

It is named the "Jewel in the crown of Kashmir" or "Srinagar's Jewel".

It is the second-largest lake in Jammu and Kashmir.

4.EATERN IMPERIAL EAGLE:

RECENT: A rare imperial eagle, scientifically known as *Aquila heliaca*, was recently spotted from the kule fields, Kerala.

It is a large, graceful bird of prey that breeds in southeastern Europe and extensively through West and Central Asia.

Scientific Name: *Aquila heliaca*.

IUCN Red List: Vulnerable.

5.REANG TRIBE:

RECENT: The ethnic Reang community has demanded that Tripura declare a holiday on Hojagiri Day, which celebrates the traditional Hojagiri dance.

The Reang tribe, who locally call themselves "Bru", is the second largest tribal community of Tripura after the old Tripuri clan.

They are the only Particularly Vulnerable Tribal Group (PVTGs) residing in the state of Tripura.

Apart from Tripura, they are also found in the neighbouring state of Mizoram and a few in Assam.



DAILY DOSE

CURRENT AFFAIRS – 26/11/2024

1.NATIONAL GOPAL RATNA AWARD:

RECENT: The Department of Animal Husbandry and Dairying (DAHD) declared the winners of the National Gopal Ratna Awards (NGRA) for the year 2024.

It is one of the highest National Awards in the field of livestock and dairy sector.

These awards will be given on the occasion of National Milk Day celebrations.

2.SAMOS ISLAND:

RECENT: A migrant boat recently sank off the Greek island of Samos, resulting in the deaths of eight people, including six children.

It is a Greek island located in the eastern Aegean Sea.

It is one of the largest and most easterly Greek islands.

It lies close to the Turkish coasts. It is located just 1700 m from the Asia Minor Turkish Coast.

3.PTEROSAURS:

RECENT: Paleontologists discovered a new species of pterosaur after analysing 100-million-year-old fossilised bones uncovered in western Queensland, Australia.

Pterosaurs were highly successful flying reptiles that flourished during all periods (Triassic, Jurassic, and Cretaceous) of the Mesozoic Era (252.2 million to 66 million years ago).

It included the largest vertebrate ever known to fly: the late Cretaceous Quetzalcoatlus.

4.RAJA RAJA CHOLA 1:

RECENT: The birth anniversary of the legendary Chola emperor Raja Raja Chola I is celebrated every year during the Sadhaya Vizha in Thanjavur of Tamil Nadu.

He was born as Arulmozhi Varman in 947 CE, he rose to become one of history's most illustrious and visionary rulers.

He was revered as Raja Raja the Great, he inherited the legacy of his ancestors and crafted an empire that flourished both militarily and culturally.

5.DONGFENG-100:

RECENT: China increased the range of its supersonic cruise missile DF-100, i.e., Dongfeng-100.

Dongfeng-100, also known as Changjian-100 (CJ-100), is a Chinese supersonic cruise missile.

It was publicly introduced during China's 70th National Day parade on October 1, 2019.

The missile is a land-based system with a range reportedly between 3,000 and 4,000 kilometers.

PRABHA IAS ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 27/11/2024

1.SAREX-24:

RECENT: The Indian Coast Guard will conduct SAREX-24 in Kochi from November 27 to 30, which focuses on enhancing search and rescue operations.

It is organised by the National Maritime Search and Rescue (NMSAR) Board.

GOAL: To enhance Mass Rescue Operations (MRO), which involves testing coordination among various agencies.

2.ONE NATION ONE SUBSCRIPTION SCHEME:

RECENT: The Union Cabinet has approved the 'One Nation One Subscription' (ONOS) scheme.

AIM: To enhance access to academic journals for higher education institutions across India.

It will streamline journal subscriptions through a single platform managed by INFLIBNET.

3.TEACHERAPP:

RECENT: The TeacherApp was launched in New Delhi.

AIM: To enhance teachers' skills in modern classrooms.

It was created by the Bharti Airtel Foundation and the launch event included education leaders, school principals, and B.Ed. students.

The app aligns with the National Education Policy 2020.

4.BLACK THRIPS:

RECENT: After a year's gap, the dreaded black thrips infestation has surfaced in the chilli crop once again around Ballari in Karnataka.

It is an invasive pest species.

It was first reported in India in 2015 on Papaya.

It is polyphagous, i.e., it can feed on different plant species.

5.DUNLIN:

RECENT: Dunlin was among the 192 avian species spotted during the recently held Kochi edition of the Kerala Bird Race.

It is a small shorebird with a droopy bill and is a fully migratory circumpolar breeder.

A group of Dunlin is known as a "flight," "fling," or "trip."

Conservation status

IUCN: Near threatened

It is also vulnerable to avian influenza.

PRABHA IAS ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 28/11/2024

1. INSV TARINI:

RECENT: On November 24, 2024, the Indian Naval Sailing Vessel (INSV) Tarini departed Fremantle, Australia, which marks the start of the second leg of its global expedition.

The Navika Sagar Parikrama-II expedition commenced on October 2, 2024, which is a historic mission featuring two women officers sailing around the world.

The vessel, INSV Tarini, measures 56 feet.

2. GELEPHU MINDFULNESS CITY PROJECT:

RECENT: Bhutan is developing the Gelephu Mindfulness City, which is the largest co-operative initiative in the country.

The city spans 2,500 square kilometres and aims to be Zero Carbon, which focuses on mindfulness, sustainability, and harmony.

3. BAL VIVAH MUKT BHARAT:

RECENT: Union women and child development minister recently launched the “Bal Vivah Mukta Bharat Campaign”.

It was launched by the Ministry of Women and Child Development, Government of India.

It seeks to engage multiple stakeholders in a collective effort to eliminate child marriage in India.

4.BALTIC SEA:

RECENT: The Swedish Prime Minister has said the Baltic Sea is now a “high risk” zone as he met Nordic and Baltic leaders’ days after a suspected sabotage attack on undersea cables.

It is a semi-enclosed inland sea located in Northern Europe.

It is an arm of the North Atlantic Ocean.

Surrounding Countries: Denmark, Germany, Poland, Lithuania, Latvia, Estonia, Russia, Finland, and Sweden.

5.E-DAAKHIL PORTAL:

RECENT: The Department of Consumer Affairs is proud to announce the successful nationwide implementation of the E-Daakhil portal, now operational in every state and union territory of India.

It was introduced as an inexpensive, speedy and hassle-free mechanism for filing consumer complaints.

It was first launched on 7th September 2020 by the National Consumer Dispute Redressal Commission.

It is an innovative online platform designed to streamline the consumer grievance redressal process.

PRABHA IAS ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 29/11/2024

1. OPERATION TAMARISK:

Operation Tamarisk took place in East Germany, which was a joint effort by U.S., U.K., and French intelligence agencies.

GOAL: To gather insights from Soviet military waste.

2. UNGGIM ASIA-PACIFIC MEETING:

RECENT: India is set to host the 13th Plenary Meeting of the United Nations Global Geospatial Information Management (UNGGIM) for the Asia-Pacific region.

This important event will take place from November 26 at the Bharat Mandapam in New Delhi.

AIM: To encourage collaboration among member countries in geospatial information.

3. 12TH INTERNATIONAL TOURISM MART:

RECENT: The 12th International Tourism Mart (ITM) takes place in Kaziranga from November 26 to 29, 2024.

AIM: To connect tourism businesses from northeastern India, which encourages partnerships among various stakeholders, including buyers, sellers, and media.

The Ministry of Tourism organizes this mart to showcase the region's tourism potential.

4.EKLAVYA DIGITAL PLATFORM:

RECENT: The chief of the Indian Army launched an online learning platform for the Indian Army nicknamed as “Eklavya”.

It has been developed under the aegis of Headquarters Army Training Command with Army War College as the sponsor agency.

The platform has been developed by the “Bhaskaracharya National Institute of Space Applications and Geoinformatics” (BISAG-N), Gandhinagar, along with support from the Directorate General of Information Systems.

5.BAR-TAILED GODWIT:

RECENT: In an unusual occurrence, five bar-tailed godwits were spotted by a naturalist at Pulicat lake.

It is a remarkable migratory shore bird renowned for its extraordinary endurance during migration.

Scientific Name: *Limosa lapponica*.

IUCN Red List: Near Threatened.

PRABHA IAS ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 30/11/2024

1.EXERCISE AGNI WARRIOR:

RECENT: The India-Singapore military exercise, AgniWarrior 2024, is set for November 28 to November 30.

It will occur at the Devlali Field Firing Ranges in Maharashtra.

AIM: To enhance military cooperation between the two nations' artillery units.

2.AMRUT 2.0:

RECENT: The Atal Mission for Rejuvenation and Urban Transformation (AMRUT) 2.0 was launched on October 1, 2021.

AIM: To enhance the self-sufficiency and water security of Indian cities.

The mission has approved 8,998 projects worth ₹1,89,458.55 crore. The Ministry of Housing and Urban Affairs (MoHUA) manages the funding.

3.NEW CATTLE INSURANCE SCHEME:

RECENT: Kerala is set to introduce a new insurance scheme for cattle, which has received approval from the central government.

A veterinary ambulance service is now available in all block panchayats.

This service ensures timely medical assistance for livestock. Additionally, ₹22 crore has been allocated for calf care.

4.GLOBAL ENGAGEMENT SCHEME:

It was previously known as the Scheme for promotion of International Cultural Relations.

It promotes India's rich cultural heritage and enhances India's image in the global arena in a concerted manner.

Nodal Ministry: Ministry of Culture.

5.UN PEACEBUILDING COMMISSION:

RECENT: India has been re-elected to the U.N. Peacebuilding Commission (PBC) for 2025–2026.

It was established on 20 December 2005 by resolutions of the United Nations General Assembly and the UN Security Council.

The PBC is composed of 31 Member States, elected from the General Assembly, the Security Council, and the Economic and Social Council.

PRABHA IAS ACADEMY