

**SATYADHEESH**
सत्याधीश

UPSC DAILY DETAILED NOTES

Current Affairs · 4 August 2026**40**

NOTES

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PAPER MIX

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HOW EACH NOTE READS

Why in news → facts to remember → a Mains question with keywords. Duplicate stories are merged.

SHORT ON TIME?

The 5-page **Brief** has the stories that matter most, plus a quiz. Same day, same notes.

History & Culture

1

ART, ARCHITECTURE & CULTURE P

4 Aug · The Hindu · satyadheesh.in/news/96304

Kerala High Court OKs Controversial Appointment of Sabarimala Temple's New Tantri

WHY IN NEWS The Kerala High Court ratified the appointment of a new Tantri for the Sabarimala Temple by the Travancore Devaswom Board.

BODY	Travancore Devaswom Board (TDB): A statutory body responsible for managing the administration of various temples in the Travancore region.
PLACE	Sabarimala Temple: A famous Hindu pilgrimage site located in the Pathanamthitta district of Kerala.
FACT	The new Tantri's tenure is scheduled from August 16, 2026, to August 16, 2027.

MAINS Q Discuss the role of statutory bodies in managing religious institutions and the significance of judicial oversight in ensuring transparency in such appointments.

USE: Judicial Review Statutory Body Religious Administration Transparency

Indian Society

1

POPULATION, DEMOGRAPHY & MIGRATION P

4 Aug · NDTV · satyadheesh.in/news/96388

Census to Enumerate Castes in Ladakh and Snow-Bound Areas from September 1

WHY IN NEWS The Registrar General of India announced the second phase of the census for Ladakh and snow-bound regions, which includes the enumeration of castes.

FACT	Census reference date for this phase: October 1, 2026
PLACE	Snow-bound areas covered: Jammu and Kashmir, Himachal Pradesh, and Uttarakhand
BODY	Registrar General of India: Head of the Office of the Registrar General and Census Commissioner
FACT	Self-enumeration period: August 17 to 31

MAINS Q Discuss the significance of caste enumeration in the census for inclusive policy formulation and social justice in India.

USE: Demographic profiling Social justice Data-driven governance Inclusive growth

Polity & Constitution

3

PARLIAMENT & STATE LEGISLATURES

P

M

2 REPORTS MERGED

4 Aug · NDTV · satyadheesh.in/news/96594

Rajya Sabha Passes Births Deaths Amendment Bill Amid Protests

WHY IN NEWS The Rajya Sabha passed the Registration of Births and Deaths (Amendment) Bill, 2026, to tighten registration rules and prevent electoral fraud.

ACT / BILL	Registration of Births and Deaths (Amendment) Bill, 2026
FACT	The bill increases the delay threshold for mandatory judicial magistrate orders from one year to two years.
BODY	Rajya Sabha: The Upper House of the Parliament of India.

MAINS Q Discuss how the systematic registration of births and deaths serves as a tool for ensuring electoral integrity and social justice in India.

USE: Electoral integrity Administrative transparency Judicial oversight Civil registration

PARLIAMENT & STATE LEGISLATURES

P

4 Aug · NDTV · satyadheesh.in/news/96312

NDA meets to strategize for Monsoon Session; Sitharaman introduces tax bill

WHY IN NEWS The NDA Parliamentary Party met to strategize for the Monsoon Session while the Finance Minister introduced the Taxation and Other Laws (Amendment) Bill, 2026.

BODY	NDA Parliamentary Party: A political grouping within the Lok Sabha representing the ruling alliance.
ACT / BILL	Taxation and Other Laws (Amendment) Bill, 2026: Introduced by the Union Finance Minister in the Lok Sabha.
ACT / BILL	Indian Statistical Institute Bill: Introduced by Union Minister Rao Indrajit Singh.
FACT	Adjournment notice: A parliamentary tool used by MPs to demand a discussion on a specific issue, such as anti-defection laws.

MAINS Q Discuss the significance of parliamentary procedures like adjournment notices and the legislative process in ensuring executive accountability.

USE: Parliamentary oversight Legislative process Executive accountability Adjournment notice

ELECTIONS, ECI & ELECTORAL REFORMS

P

4 Aug · The Hindu · satyadheesh.in/news/96522

Karnataka Loses Nearly 20% Voters to Electoral Roll Deletions

WHY IN NEWS Karnataka reported a significant deletion of nearly 20% of voters from the electoral roll during the Special Intensive Revision (SIR) due to migration and lack of awareness.

FACT	Nearly 20% of voters in Karnataka were flagged for deletion in the draft-stage electoral roll revision.
BODY	Special Intensive Revision (SIR) is a process conducted by the Election Commission to update and clean electoral rolls.
PLACE	High deletion rates were specifically noted in Bengaluru and the districts of Koppal, Raichur, Kalaburagi, and Yadgir.

MAINS Q Discuss the challenges in maintaining accurate electoral rolls in India amidst large-scale internal migration and the implications for universal adult franchise.

USE: electoral roll universal adult franchise internal migration Special Intensive Revision political apathy

Heatstroke kills 20, 4853 cases reported since March 1: Rai

WHY IN NEWS The Ministry of Home Affairs reported significant heatstroke fatalities and cases, highlighting the increasing impact of heatwaves as a natural calamity.

- FACT** | 4,853 heatstroke cases and 20 deaths reported nationwide since March 1.
- FACT** | Maharashtra recorded 11 deaths; Telangana recorded 915 cases.
- BODY** | SDRF (State Disaster Response Fund) and NDRF (National Disaster Response Fund) provide coverage for heatwaves.
- FACT** | Heatwaves and lightning are officially classified as natural calamities for disaster fund coverage.

MAINS Q Discuss the growing threat of heatwaves in India as a climate-induced disaster and evaluate the adequacy of current disaster management frameworks in addressing heat-related health crises.

USE: climate change public health disaster management SDRF heatwave

A nationwide analysis of National Family Health Survey (NFHS) data quantifies

WHY IN NEWS A nationwide study linked prolonged exposure to extreme heat during pregnancy to adverse birth outcomes like low birthweight and stillbirths in India.

- FACT** | NFHS: National Family Health Survey is a large-scale health survey conducted in India to provide data on health and family welfare.
- S&T** | India Heat Index: A tool used to quantify heat stress and its impact on human health.
- FACT** | The study analyzed data from 707 districts across India between 2015 and 2020.

MAINS Q Discuss how climate change and extreme heat pose a significant threat to maternal and neonatal health in India. Suggest measures to mitigate these risks.

USE: maternal health climate change vulnerable sections public health mitigation

Single shot vaccine could revolutionize India's childhood immunization: Study

WHY IN NEWS A collaborative study suggests that a hexavalent vaccine could streamline India's Universal Immunisation Programme by replacing multiple shots with a single injection.

- S&T** | Hexavalent vaccine: A single vaccine providing protection against six different pathogens.
- FACT** | Diseases covered: Diphtheria, Tetanus, Pertussis, Hepatitis B, Hib, and Polio.
- BODY** | Gavi: The Vaccine Alliance, a public-private partnership to increase access to immunization.

MAINS Q Discuss how the introduction of multi-valent vaccines can improve the efficiency of India's Universal Immunisation Programme and address logistical challenges in rural healthcare.

USE: Universal Immunisation Programme Public Health Infrastructure Logistical Efficiency Preventive Healthcare

Maharashtra orders schools to ban chips, sugary drinks to ensure safe meals

WHY IN NEWS Maharashtra Food and Drug Administration issued a compliance order banning HFSS items in schools to ensure safe and balanced nutrition for students.

ACT / BILL	Food Safety and Standards Act, 2006: Primary legislation governing food safety in India.
BODY	FSSAI: The regulatory body responsible for setting food safety standards in India.
BODY	National Institute of Nutrition (NIN): Body providing dietary guidelines for health and nutrition.
FACT	HFSS: Refers to High-Fat, Sugar, and Salt items which are targeted for restriction.

MAINS Q Discuss the role of state-led regulatory interventions in addressing childhood obesity and ensuring nutritional security in educational institutions.

USE: nutritional security regulatory compliance public health preventive healthcare food safety standards

At least six blood banks in West Bengal are under investigation

WHY IN NEWS Six blood banks in West Bengal are under investigation for violating the National Blood Policy by allegedly selling blood to private entities in other states.

BODY	National Blood Policy: Guidelines for blood collection, storage, and distribution in India.
FACT	Six blood banks in West Bengal were under investigation as of August 4, 2026.
FACT	Eleven blood banks were barred from organizing donation drives starting August 1, 2026.

MAINS Q Discuss the regulatory challenges in maintaining the integrity of the blood banking system in India and suggest measures to prevent the commercialization of blood.

USE: National Blood Policy commercialization regulatory framework public health ethics transparency

International Relations

7

Modi to visit Kyrgyzstan, Uzbekistan for SCO Summit, bilateral talks

WHY IN NEWS PM Modi's visit to Kyrgyzstan and Uzbekistan to attend the SCO Summit and hold bilateral talks to strengthen India's strategic and economic footprint in Central Asia.

INTL. ORG	SCO: Shanghai Cooperation Organisation is a Eurasian political, economic, and security alliance.
PLACE	Kyrgyzstan and Uzbekistan are landlocked countries in Central Asia.
FACT	The visit focuses on four key pillars: trade, defence, connectivity, and investment.

MAINS Q Discuss the significance of the Shanghai Cooperation Organisation (SCO) in shaping India's strategic engagement with Central Asia.

USE: strategic footprint geopolitical competition bilateral ties connectivity multilateralism

Hamas Demands Withdrawal First, Israel Insists on Disarming: Standoff Threatens Trump’s Gaza Peace Plan

WHY IN NEWS A diplomatic standoff has emerged between Israel and Hamas regarding the sequence of disarmament and troop withdrawal, threatening the viability of the US-brokered Gaza peace plan.

INTL. ORG	ISF: Proposed International Stabilization Force to oversee security in Gaza.
FACT	The peace plan is a US-brokered initiative aimed at ending the Gaza conflict.
PLACE	Gaza: Territory currently under conflict between Israel and Hamas.

MAINS Q *Analyze the challenges in establishing a multi-lateral security framework in conflict zones like Gaza. How can international mediation ensure sustainable peace?*

USE:

diplomatic standoff

security dilemma

multilateralism

peace mediation

stabilization force

India denies involvement in virtual speech by ex-Bangladesh PM Hasina

WHY IN NEWS India denied involvement in a virtual speech by former Bangladesh PM Sheikh Hasina, which has sparked diplomatic friction with the current Bangladesh government.

FACT	Sheikh Hasina served as the Prime Minister of Bangladesh until her ousting in 2024.
PLACE	Bangladesh: Neighboring country of India in South Asia.
FACT	The virtual speech was organized by a private media entity, not a government body.

MAINS Q *Discuss the impact of leadership transitions and internal political shifts on India's bilateral relations with its neighbors.*

USE:

bilateral relations

diplomatic friction

sovereignty

regional dynamics

Alluri Sitarama Raju International Airport: A new gateway for Andhra Pradesh

WHY IN NEWS PM Modi and CM Chandrababu Naidu inaugurated the Alluri Sitarama Raju International Airport at Bhogapuram, the first international airport in post-bifurcation Andhra Pradesh.

PLACE	Bhogapuram International Airport is located in the Vizianagaram district of Andhra Pradesh.
FACT	The project cost is approximately ₹4,700 crore.
BODY	The airport was developed under the Public-Private Partnership (PPP) model on a Design, Build, Finance, Operate and Transfer (DBFOT) basis.
FACT	The airport serves the districts of Visakhapatnam, Vizianagaram, and Srikakulam.

MAINS Q *Discuss how the development of greenfield international airports under the PPP model can catalyze regional economic growth and improve logistical connectivity in India.*

USE:

PPP Model

DBFOT

Regional Connectivity

Infrastructure Development

Logistics

Supreme Court urges Rajasthan to fix 20-point plan for toxic rivers Jojari, Bandi, Luni

WHY IN NEWS The Supreme Court directed the Rajasthan government to formulate a 20-point plan to mitigate severe contamination in the Jojari, Bandi, and Luni rivers.

- PLACE** | Luni River: A major river in Rajasthan that flows through Balotra.
- PLACE** | Jojari River: Flows through the Jodhpur district of Rajasthan.
- PLACE** | Bandi River: Flows through the Pali district of Rajasthan.
- FACT** | The Supreme Court suggested a 20-point resolution plan for river restoration.

MAINS Q Discuss the challenges in managing industrial pollution in river systems and suggest measures for the restoration of contaminated water bodies in India.

USE: river rejuvenation industrial effluent judicial oversight water pollution sustainable management

IFS Officer Vishwesh Negi Appointed India's Next Ambassador to Volatile Iran

WHY IN NEWS The Ministry of External Affairs appointed Vishwesh Negi, a 2002 batch IFS officer, as India's next ambassador to Iran amidst heightened regional volatility.

- POST** | IFS: Indian Foreign Service is a country's premier diplomatic service.
- FACT** | Vishwesh Negi is a 2002 batch officer currently serving as Joint Secretary in the MEA.
- PLACE** | Iran is a key strategic partner for India in the West Asia region.

MAINS Q Discuss India's diplomatic strategy in the West Asia region amidst escalating geopolitical tensions and the importance of maintaining bilateral ties with Iran.

USE: Strategic Autonomy Diplomatic Engagement Regional Stability Geopolitical Volatility

Amnesty, CPJ Report State Violence, Internet Shutdowns in Pakistan-occupied Kashmir Polls

WHY IN NEWS Amnesty International and CPJ reported state-backed violence and internet shutdowns during assembly polls in Pakistan-occupied Kashmir (PoK).

- PLACE** | Pakistan-occupied Kashmir (PoK) is a territory administered by Pakistan.
- BODY** | Amnesty International is a global non-governmental organization focused on human rights.
- BODY** | Committee to Protect Journalists (CPJ) is an international non-profit focused on press freedom.

MAINS Q Discuss the impact of internet shutdowns and restrictions on press freedom on democratic processes in conflict-prone regions.

USE: state-backed violence press freedom digital rights human rights democratic process

Economy

7

CAPITAL MARKETS & SEBI

P

4 Aug · Economic Times · satyadheesh.in/news/96684

SEBI proposes aligning rules for REITs and InvITs depository receipts with equity ones

WHY IN NEWS SEBI proposed aligning rules for REITs and InvITs depository receipts with equity ones to facilitate easier overseas investment and trading in foreign currency.

- BODY** | SEBI: The primary regulator for the securities and capital markets in India.
- FACT** | REITs: Real Estate Investment Trusts; InvITs: Infrastructure Investment Trusts.
- FACT** | Depository Receipts: Instruments allowing investors to trade domestic securities in foreign currency in overseas markets.

MAINS Q Discuss how the liberalization of investment routes for REITs and InvITs can contribute to infrastructure development and the growth of the Indian capital markets.

USE: capital markets liquidity REITs InvITs regulatory alignment

INDUSTRY, INVESTMENT & MSMES

P

4 Aug · Economic Times · satyadheesh.in/news/96386

FSSAI issued a prohibition order against Dabur India, finding its products like

WHY IN NEWS FSSAI issued a prohibition order against Dabur India for misleading '100%' claims on honey and edible oils and misuse of the Jaivik Bharat logo.

- BODY** | FSSAI: The primary regulatory body for food safety and standards in India.
- FACT** | Dabur India shares fell nearly 3% on the NSE following the prohibition order.
- S&T** | Jaivik Bharat: A certification/logo related to organic food standards in India.

MAINS Q Discuss the role of regulatory bodies like FSSAI in ensuring consumer protection against misleading advertisements and ensuring food safety standards in India.

USE: consumer protection regulatory oversight misleading advertisements food safety standards corporate accountability

INDUSTRY, INVESTMENT & MSMES

P

4 Aug · Economic Times · satyadheesh.in/news/96300

RBI data showed loans to services including software development, IT services

WHY IN NEWS RBI data reveals a 49% year-on-year surge in loans to the software and digital technology infrastructure sector, highlighting the rapid expansion of India's digital ecosystem.

- FACT** | Loans to software and IT services rose 49% year-on-year to ₹53,859 crore by June end.
- FACT** | The software/IT loan segment accounts for 0.87% of total services sector loans and 0.25% of overall non-food bank credit.
- FACT** | Key drivers for credit demand include data centres, global capability centres, and cybersecurity upgrades.

MAINS Q Discuss how the rapid expansion of India's digital infrastructure and IT services is reshaping the country's credit landscape and industrial growth.

USE: Digital Ecosystem Credit Demand Infrastructure Expansion Global Capability Centres Fintech Growth

Global Investors Eye India: 50-60% Premium on Stocks Spurs Caution

WHY IN NEWS Foreign investors are showing cautious interest in Indian stocks despite a 50–60% premium over other emerging markets due to concerns over earnings growth and US Treasury yields.

- FACT** | India's stock market trades at a 50–60% premium over other emerging markets.
- FACT** | India's forward earnings multiple is currently 19–20 times.
- FACT** | Projected earnings growth for the Indian economy is 6–8%.
- FACT** | Higher US Treasury yields act as a deterrent for capital flow into emerging markets.

MAINS Q Analyze the factors influencing the flow of Foreign Portfolio Investment (FPI) into Indian capital markets amidst global macroeconomic shifts.

USE: Foreign Portfolio Investment Emerging Markets Earnings Multiples Monetary Policy Capital Flight

Indian debt inflows plunge, July average falls to ₹300 crore from June's ₹3,000 crore

WHY IN NEWS Indian debt inflows saw a sharp decline in July, dropping from a daily average of ₹3,000 crore in June to ₹300 crore, amid global interest rate uncertainty.

- FACT** | FPI investment in Indian debt dropped from ₹41,774 crore in June to ₹7,581 crore in July.
- FACT** | Daily average debt inflow fell from ₹3,000 crore in June to ₹300 crore in July.
- BODY** | Bloomberg: A global financial data and news company whose index inclusion affects capital flows.
- FACT** | U.S. Treasury yields are influenced by oil prices and Federal Reserve interest rate policies.

MAINS Q Analyze the factors influencing the volatility of Foreign Portfolio Investment (FPI) in Indian debt markets and its implications for India's monetary stability.

USE: Capital Flight Yield Volatility Monetary Policy FPI Liquidity

Water must be priced, not free: India's Chief Economic Adviser advocates at summit

WHY IN NEWS Chief Economic Adviser Anantha Nageswaran advocated for the commercial pricing of water as critical infrastructure to ensure sustainable management and urban planning.

- FACT** | Floor Space Index (FSI) refers to the ratio of total floor area to the plot area of a building.
- POST** | Anantha Nageswaran serves as the Chief Economic Adviser (CEA) to the Government of India.
- FACT** | The summit emphasized treating water as a planned infrastructure rather than a limitless free resource.

MAINS Q Discuss the economic and environmental necessity of pricing water as a critical infrastructure in India's urban planning framework.

USE: Critical Infrastructure Demand Management Sustainable Urbanization Resource Economics Floor Space Index

Government sells up to 6.5% of LIC, fetching ₹31,000 crore starting Tuesday

WHY IN NEWS The Government of India is initiating a significant disinvestment of LIC shares to meet SEBI's minimum public shareholding requirements.

- FACT** | LIC share price for the offer: ₹382 per share
- FACT** | Total expected proceeds from the sale: ₹31,000 crore
- BODY** | DIPAM: Department for Promotion of Industry and Internal Trade
- FACT** | Current government stake in LIC: 96.5%
- FACT** | Green shoe option: An additional 4% equity available for sale

MAINS Q Discuss the significance of disinvestment in Public Sector Undertakings (PSUs) for India's fiscal health and the challenges of maintaining public oversight.

USE: disinvestment capital markets fiscal consolidation public shareholding green shoe option

Agriculture

2

Karnataka's Mekedatu project stalled: Revised DPR overdue since 2019

WHY IN NEWS The Union Government clarified that the revised Detailed Project Report (DPR) for Karnataka's Mekedatu project is overdue since 2019 due to non-compliance with Cauvery Water Disputes Tribunal guidelines.

- BODY** | Central Water Commission (CWC): Responsible for the appraisal of water resources projects and irrigation schemes.
- BODY** | Cauvery Water Disputes Tribunal (CWDT): The adjudicatory body for water sharing disputes in the Cauvery River basin.
- FACT** | Supreme Court Judgment: The project must comply with the CWDT Award and the Supreme Court judgment dated February 16, 2018.

MAINS Q Discuss the challenges in inter-state water sharing in India and the role of judicial and technical bodies in resolving these disputes.

USE: inter-state water disputes techno-economic appraisal federalism water governance

FSSAI bans Dabur India from selling products with misleading "100 per cent" claims

WHY IN NEWS FSSAI banned Dabur India from selling products with misleading '100 per cent' claims for violating advertising regulations.

- BODY** | FSSAI: Food Safety and Standards Authority of India, the apex body for food safety and standards.
- ACT / BILL** | FSS (Advertising & Claims) Regulations, 2018: Governs the claims made by food businesses in advertisements.
- FACT** | Dabur products were found using the Jaivik Bharat Logo without valid FSSAI organic endorsement.
- FACT** | Compound foods are prohibited from making '100 per cent purity' claims under current regulations.

MAINS Q Discuss the role of regulatory bodies like FSSAI in ensuring consumer protection against misleading food advertisements and ensuring food safety standards in India.

USE: Consumer Protection Regulatory Compliance Food Safety Misleading Advertisements Standardization

The International Agency for Research on Cancer (IARC), part of the World

WHY IN NEWS The IARC (part of WHO) classified three common medicines as carcinogenic to humans, highlighting the need for balanced risk-benefit analysis in pharmacology.

- BODY** | IARC: International Agency for Research on Cancer, a specialized agency of the WHO.
- FACT** | Hydrochlorothiazide is used to treat hypertension.
- FACT** | Voriconazole is used to treat fungal infections.
- FACT** | Tacrolimus is used to prevent organ transplant rejection.

MAINS Q Discuss the challenges in balancing the accessibility of essential medicines with the long-term safety risks associated with carcinogenic side effects.

USE: carcinogenic pharmacovigilance essential medicines risk-benefit analysis

India's IT Secretary Warns AI Could Replace Labor But Also Create Higher-End Jobs

WHY IN NEWS India's IT Secretary S Krishnan highlighted the dual nature of AI as a labor replacement and a job creator, emphasizing the need for strategic autonomy and regulation.

- S&T** | AI (Artificial Intelligence) refers to the simulation of human intelligence by machines.
- POST** | S Krishnan is the current Secretary of the Department of Information Technology.
- FACT** | The government aims to leverage AI for governance and development over the next two decades.

MAINS Q Discuss the implications of Artificial Intelligence on India's labor market and the necessity of strategic autonomy in AI development to ensure inclusive growth.

USE: Strategic Autonomy Human-in-the-loop Labor Displacement Digital Sovereignty Regulatory Framework

Mistral AI Soars, Snags \$2 Billion Despite US Curbs

WHY IN NEWS French AI lab Mistral AI secured \$2 billion in investment, highlighting the global shift toward open-source AI models to counter US-led technological monopolies.

- S&T** | Mistral AI: A French artificial intelligence company known for open-weight models.
- FACT** | Mistral AI secured \$2 billion in investment in September.
- S&T** | Open-source AI: Models where the weights and architecture are publicly accessible for modification.

MAINS Q Discuss the significance of 'technological sovereignty' in the context of the global AI race and the implications of open-source versus proprietary models.

USE: Technological Sovereignty Open-source Monopolistic Control Digital Diplomacy

Carbfix project converts CO₂ to stone in two years

WHY IN NEWS The Carbfix project in Iceland is gaining attention for its innovative method of permanently sequestering carbon dioxide by converting it into stone.

- S&T** | Carbfix: A carbon capture and storage (CCS) technology that turns CO₂ into stone.
- PLACE** | Iceland: Location of the pioneering Carbfix project.
- FACT** | The project achieves over 95% permanent storage of injected CO₂.
- S&T** | Basalt rock: The specific geological formation used for mineral carbonation.

MAINS Q Discuss the role of Carbon Capture and Storage (CCS) technologies like Carbfix in achieving global net-zero targets and mitigating climate change.

USE: Carbon Sequestration Mineral Carbonation Net-Zero Climate Mitigation Basaltic Rock

Environment & Ecology

8

Global Warming Accelerates: Could Exceed 1.5°C Limit by 2030

WHY IN NEWS A study by NASA and other agencies warns that global warming is accelerating significantly, potentially breaching the Paris Agreement's 1.5°C limit by 2030.

- S&T** | Paris Agreement: International treaty aimed at limiting global warming to well below 2°C, preferably 1.5°C.
- FACT** | The study identifies a significant acceleration in global warming starting around 2013–2014.
- S&T** | El Niño: A climate pattern describing the unusual warming of surface waters in the eastern tropical Pacific Ocean.

MAINS Q Discuss the implications of accelerated global warming on India's climate goals and the necessity of transitioning to low-carbon economies to meet the Paris Agreement targets.

USE: climate mitigation Paris Agreement carbon footprint anthropogenic warming

Supreme Court: Mining Ban within 10 km of Asan Wetland Applies Nationwide

WHY IN NEWS The Supreme Court ruled that the mining ban within 10 km of the Asan wetland conservation reserve applies nationwide to ensure parity across similar reserves.

- PLACE** | Asan wetland conservation reserve is located in Uttarakhand.
- BODY** | National Board of Wildlife (NBWL) is the body responsible for wildlife conservation and management.
- FACT** | The mining ban applies within a 10 km radius of the wetland conservation reserve.

MAINS Q Discuss the significance of judicial activism in ensuring the protection of ecologically sensitive zones and the importance of uniform environmental regulations across India.

USE: Judicial Activism Ecologically Sensitive Zones Environmental Parity Biodiversity Conservation

84% of tracked wetlands drowning as sea levels rise, study shows

WHY IN NEWS A study by Earth's Future revealed that 84% of tracked wetlands are drowning due to rising sea levels, posing a threat to ecological and social stability.

FACT | 84% of tracked wetlands are being inundated by rising sea levels.

FACT | Only 16% of tracked wetlands are gaining elevation fast enough to outpace sea-level rise.

ENVIRONMENT | Wetlands can survive if they are able to migrate inland into available space.

MAINS Q Discuss the impact of rising sea levels on coastal wetlands and suggest measures to mitigate the ecological and socio-economic risks associated with wetland inundation.

USE: climate change wetland conservation sea-level rise ecological stability mitigation

Red alert: Meghalaya, Arunachal Pradesh face extreme rainfall; flood risks soar

WHY IN NEWS The IMD issued a red alert for Meghalaya and Arunachal Pradesh due to extreme rainfall, highlighting the increasing frequency of extreme weather events in the Northeast.

BODY | IMD: India Meteorological Department is the primary agency for monitoring and forecasting weather.

BODY | NDRF: National Disaster Response Force operates under the Ministry of Home Affairs.

BODY | SDRF: State Disaster Response Force is the state-level counterpart to the NDRF.

PLACE | Meghalaya and Arunachal Pradesh are part of the Northeast region of India.

MAINS Q Discuss the challenges in disaster management and climate resilience in the Northeast region of India, focusing on the impact of extreme rainfall and landslides.

USE: climate resilience disaster mitigation early warning systems geological hazards

Kerala Dam Crisis: Silt Occupies 49% Storage, Threatening Floods

WHY IN NEWS A KERI study revealed that nearly 49% of the Malankara dam's storage capacity is occupied by silt, posing a significant flood risk to the Muvattupuzha Valley Irrigation Project.

PLACE | Malankara Dam is located in the Idukki district of Kerala.

FACT | Silt occupies 48.95% of the Malankara dam's storage capacity.

BODY | Kerala Engineering Research Institute (KERI) is the body that conducted the study.

MAINS Q Discuss the challenges posed by siltation in reservoir dams and suggest measures to mitigate flood risks in ecologically sensitive regions like Kerala.

USE: Siltation Flood Mitigation Water Management Reservoir Capacity

Kerala expands boar cull limits statewide to curb attacks, property damage

WHY IN NEWS The Kerala government expanded the operational limits of empanelled shooters to eliminate wild boars statewide to mitigate human-wildlife conflict.

FACT | The decision allows empanelled shooters to operate across the entire state of Kerala without district-specific restrictions.

POST | Local self-government heads are designated as Honorary Wildlife Wardens until May 27, 2027.

FACT | The Chief Wildlife Warden is the authority responsible for implementing the revised cull guidelines.

MAINS Q Discuss the challenges of managing human-wildlife conflict in ecologically sensitive zones and evaluate the efficacy of state-led culling measures.

USE: human-wildlife conflict biodiversity management decentralized governance wildlife conservation

1,000 Critically Endangered Snails Released in Norfolk Island Recovery Effort

WHY IN NEWS The Taronga Conservation Society released over 1,000 critically endangered Campbell's keeled glass snails on Norfolk Island as part of a major species recovery milestone.

ENVIRONMENT	Campbell's keeled glass snail (<i>Advena campbellii</i>) is a critically endangered species.
PLACE	Norfolk Island is the primary site for the snail's reintroduction and habitat management.
FACT	The snail population was increased from 46 to over 1,300 through a captive breeding program.

MAINS Q Discuss the significance of captive breeding and habitat management in the conservation of critically endangered species and the challenges of reintroducing them into the wild.

USE: ex-situ conservation biodiversity recovery habitat management species reintroduction

More tree species boost forest carbon absorption: Study

WHY IN NEWS A study in Nature Climate Change highlights that higher tree species richness accelerates carbon absorption, emphasizing biodiversity's role in climate mitigation.

ENVIRONMENT	Higher species richness in forests correlates with increased and accelerating photosynthesis efficiency.
FACT	Projected forest photosynthesis weakness due to biodiversity loss: 3% to 17% by 2050.
FACT	Potential cumulative carbon loss from biodiversity decline: 4.4 to 35.7 petagrams.
S&T	Tropical forests are identified as crucial carbon sinks facing deforestation and warming pressures.

MAINS Q Discuss the significance of forest biodiversity in enhancing carbon sequestration and its implications for India's climate change mitigation strategies.

USE: carbon sequestration species richness photosynthesis efficiency climate mitigation biodiversity loss

Internal Security

2

On Tuesday, the Supreme Court directed the RBI to issue SOPs

WHY IN NEWS The Supreme Court directed the RBI and State governments to establish SOPs, coordination centres, and compensation frameworks to combat 'digital arrest' and cyber-enabled financial frauds.

BODY	RBI: The central bank of India responsible for monetary policy and banking regulation.
BODY	I4C: Indian Cyber Crime Coordination Centre, a nodal agency for cybercrime management.
FACT	e-Zero FIR: A mechanism allowing victims to file a first information report (FIR) online regardless of the location of the crime.
POST	CJI: Chief Justice of India, the highest judicial office in the country.

MAINS Q Discuss the challenges in curbing cyber-enabled financial frauds in India and suggest measures to strengthen the legal and institutional framework for victim protection.

USE: cyber-enabled fraud digital arrest SOP grievance redressal e-Zero FIR

In a NEW DELHI address, Rizwan Hanif, a senior Lashkar-e-Taiba operative, confirmed

WHY IN NEWS A senior Lashkar-e-Taiba operative confirmed the targeted killing of over 30 militants by Indian intelligence in Pakistani cities, highlighting the ongoing cross-border security dynamics.

FACT | Lashkar-e-Taiba (LeT) is a Pakistan-based militant organization.

PLACE | Peshawar, Karachi, and Rawalpindi are major cities in Pakistan.

FACT | Over 30 LeT operatives were reportedly targeted by Indian intelligence since 2020.

MAINS Q Discuss the role of radicalization and the manipulation of religious sentiments by non-state actors in undermining regional security and communal harmony.

USE: radicalization non-state actors cross-border terrorism sectarianism intelligence operations



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