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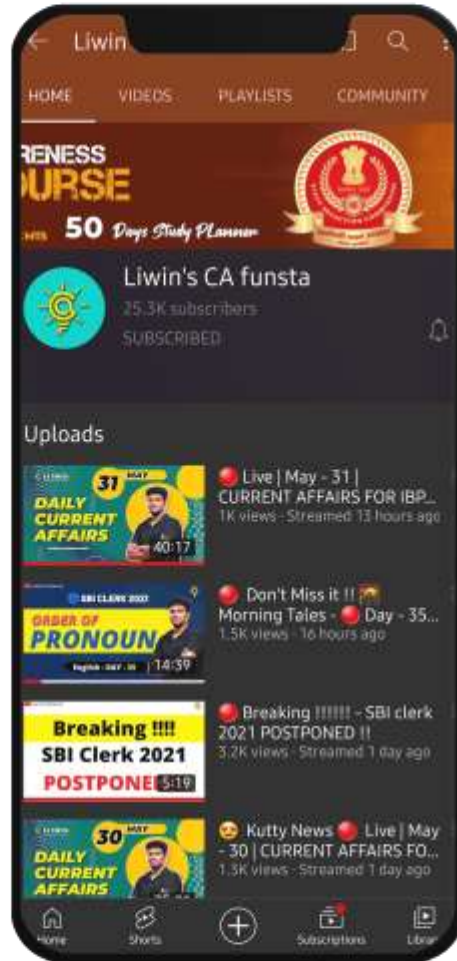
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Important Days



➤ **When is World Animal Day observed, and what is the theme for 2024?**

- A) October 2, "Save the Wildlife"
- B) September 5, "Protect the Animals"
- C) October 4, "The world is their home too"
- D) November 12, "Care for Animals"
- E) October 6, "Animals Matter"

Answer

C) October 4, "The world is their home too"



Important Days



Event and Location:

- **Event:** World Animal Day 2024 focuses on raising awareness for animal rights, welfare, and conservation.
- **Location:** Globally observed.



Important Days



Mandates and Objectives:

- **Mandates:** World Animal Day promotes awareness of animal rights, fosters compassion, and urges individuals and organizations to take action in animal welfare.
- **Objectives:** The aim is to protect animals by educating people on issues like habitat destruction, poaching, and climate change, and inspiring them to take concrete actions to safeguard animal well-being.



Important Days



Important Terms Explained:

- **Animal rights:** The idea that animals should be treated with respect, free from cruelty, and recognized as sentient beings.
- **Wildlife conservation:** Efforts to protect endangered species and their habitats to ensure biodiversity and the survival of species in the wild.
- **Theme 2024:** "The world is their home too" underscores the importance of seeing animals as integral parts of the ecosystem, deserving of protection.



Important Days



Static GK Information:

- **World Animal Day**
 - **Date:** October 4, 2024
 - **First Observed:** 1925
 - **Founder:** Heinrich Zimmermann
 - **Significance:** A global day to promote animal welfare, rights, and protection.



Important Days



Tabular Summary:

Event	Details
Event Name	World Animal Day 2024
Date	October 4, 2024
Theme	"The world is their home too"
First Celebrated	1925, by Heinrich Zimmermann
Significance	Raising awareness for animal rights, welfare, and conservation
Key Focus	Protection of animal habitats, advocacy for stronger animal rights



Important Days



➤ **What are the dates for World Space Week, and what was the key event commemorated on October 4, 1957?**

- A) October 1-7, launch of Apollo 11
- B) October 4-10, launch of Sputnik 1
- C) November 1-7, first human on the Moon
- D) September 15-22, first satellite launch
- E) October 10-15, Mars landing

Answer

B) October 4-10, launch of Sputnik 1



Important Days



Event and Location:

- **Event:** World Space Week (WSW) is an annual international celebration held every October 4-10 to commemorate two key milestones in space exploration.
- **Location:** Globally observed.



Important Days



Mandates and Objectives:

- **Mandates:** The United Nations General Assembly declared World Space Week in 1999 to highlight the importance of space in improving the human condition.
- **Objectives:**
 - Provide leverage in space education and outreach.
 - Raise awareness of the benefits of space for sustainable economic development.
 - Excite young people about STEM (science, technology, engineering, and math) fields.
 - Foster international cooperation in space exploration.



Important Days



Important Terms Explained:

- **Sputnik 1:** The first artificial Earth satellite, launched by the Soviet Union on October 4, 1957, marking the start of the space age.
- **Outer Space Treaty (1967):** An agreement governing the exploration and use of outer space, emphasizing peaceful purposes and cooperation among nations.



Important Days



Static GK Information:

- **United Nations Office for Outer Space Affairs (UNOOSA)**
 - **Founded Year:** 1958
 - **Headquarters:** Vienna, Austria
 - **Director:** Simonetta Di Pippo



Important Days



Tabular Summary:

Event	Details
Event Name	World Space Week (WSW)
Dates	October 4-10, annually
Key Commemoration	October 4, 1957, launch of Sputnik 1
Secondary Event	October 10, 1967, Outer Space Treaty
2022 Theme	"Space and Sustainability"
Organizer	United Nations Office for Outer Space Affairs (UNOOSA)



➤ **What was the primary reason for Sri Lankan cricketer Praveen Jayawickrama receiving a one-year ban from all forms of cricket?**

- A) Performance-enhancing drug use
- B) Failing to report an approach to fix matches
- C) Breaching the Sri Lankan cricket team's code of conduct
- D) Poor on-field behavior
- E) Injury concerns



Answer

B) Failing to report an approach to fix matches



Event and Location:

- **Event:** Praveen Jayawickrama was banned for violating the ICC Anti-Corruption Code.
- **Location:** Sri Lanka, under the authority of the International Cricket Council (ICC).



Mandates and Objectives:

- **Mandates:** The ICC Anti-Corruption Code aims to protect the integrity of cricket by penalizing corruption-related violations.
- **Objectives:** Jayawickrama failed to report a match-fixing approach and also obstructed the investigation. This penalty ensures adherence to anti-corruption rules and deters future violations.



Important Terms Explained:

- **Anti-Corruption Code:** A rule set established by the ICC to curb corrupt practices in cricket, including match-fixing and betting.
- **Suspension:** Jayawickrama's one-year ban, with six months suspended, requires compliance for reinstatement.
- **Match-fixing:** An attempt to influence the outcome of a match by illegal means, typically through bribery or external influence.



Static GK Information:

- **International Cricket Council (ICC)**
 - **Founded Year:** 1909
 - **CEO:** Geoff Allardice
 - **Headquarters:** Dubai, UAE



Tabular Summary:

Event	Details
Cricketer	Praveen Jayawickrama
Violation	Breaching the ICC Anti-Corruption Code
Specific Breach	Failing to report match-fixing approach, obstructing investigation
Ban Duration	One year (with last six months conditionally suspended)
Cricketing Debut	Test debut against Bangladesh, April 2021
Total International Matches Played	5 Tests, 5 ODIs, 5 T20s
Last International Appearance	June 2022



➤ **What is the objective of the newly launched Axis Nifty500 Value 50 Index Fund?**

- A) To replicate the performance of Nifty Midcap 100 Index
- B) To track the performance of Nifty50 Index
- C) To replicate the performance of Nifty500 Value 50 Total Return Index
- D) To invest in government bonds
- E) To track global equity markets



Answer

C) To replicate the performance of Nifty500 Value 50 Total Return Index



Event and Location:

- **Event:** Axis Mutual Fund launched the Axis Nifty500 Value 50 Index Fund, an open-ended index fund.
- **Location:** The New Fund Offer (NFO) opens on October 4, 2024, and closes on October 18, 2024.



Mandates and Objectives:

- **Mandates:**
 - The Axis Nifty500 Value 50 Index Fund aims to replicate the performance of the Nifty500 Value 50 Total Return Index (TRI).
- **Objectives:**
 - The goal of the fund is to provide returns that closely correspond to the performance of the Nifty500 Value 50 Index, which focuses on the top 50 value companies within the Nifty500 universe.



Important Terms Explained:

- **Nifty500 Value 50 Total Return Index (TRI):** An index representing the top 50 value stocks selected from the broader Nifty500 Index, focusing on stocks considered undervalued based on their price-to-book and other financial metrics.
- **Open-ended fund:** A mutual fund that allows investors to enter and exit the fund anytime, unlike closed-ended funds that have a fixed lock-in period.



Static GK Information:

- **Axis Mutual Fund**
 - **Founded Year:** 2009
 - **Headquarters:** Mumbai, India
 - **MD & CEO:** Chandresh Nigam
 - **Tagline:** “Badhta India, Badhta Axis”
- **Nifty500 Value 50 Index**
 - **Index Provider:** National Stock Exchange (NSE)
 - **Composition:** Top 50 value stocks from the Nifty500 universe



Tabular Summary:

Event	Details
Fund Name	Axis Nifty500 Value 50 Index Fund
Fund Type	Open-ended Index Fund
Objective	Replicate the performance of Nifty500 Value 50 Total Return Index
NFO Opening Date	October 4, 2024
NFO Closing Date	October 18, 2024
Fund Benchmark	Nifty500 Value 50 Index



APPOINTMENTS



➤ **Who will take office as Mexico's first woman president in October 2024?**

- A) Jill Biden
- B) Claudia Sheinbaum
- C) Luiz Inacio Lula da Silva
- D) Kamala Harris
- E) Angela Merkel

Answer

B) Claudia Sheinbaum



APPOINTMENTS



Event and Location:

- **Event:** Claudia Sheinbaum will be sworn in as Mexico's first woman president.
- **Location:** Mexico, with the inauguration event expected to include international dignitaries.



APPOINTMENTS



Mandates and Objectives:

- **Mandates:** Sheinbaum has pledged to continue the left-wing reform agenda of her ruling party, which emphasizes social welfare, poverty reduction, and addressing inequality.
- **Objectives:** Her presidency is aimed at tackling Mexico's growing criminal violence and strengthening the country's governance.



APPOINTMENTS



Important Terms Explained:

- **Left-wing reform agenda:** Policies focused on social equality, progressive taxation, public welfare programs, and reducing income disparities.
- **Criminal violence:** Refers to the escalating violence, often tied to organized crime and drug cartels, which has become a significant issue in Mexico.



APPOINTMENTS



Static GK Information:

- **Mexico**
 - **Capital:** Mexico City
 - **Currency:** Mexican Peso
 - **President:** Claudia Sheinbaum
 - **Previous President:** Andrés Manuel López Obrador



APPOINTMENTS



Tabular Summary:

Event	Details
New President	Claudia Sheinbaum
Position	Mexico's first woman president
Sworn-in Date	October 1, 2024
Key Focus	Continue left-wing reforms, tackle criminal violence
Notable Guests at Inauguration	Brazilian President Luiz Inacio Lula da Silva, US First Lady Jill Biden



- **Which astronauts were onboard NASA's SpaceX Crew-9 mission to the International Space Station launched in September 2024?**



- A) Michael Barratt and Alexey Ovchinin
- B) Nick Hague and Aleksandr Gorbunov
- C) Jeanette Epps and Suni Williams
- D) Butch Wilmore and Ivan Vagner
- E) Don Pettit and Matthew Dominick

Answer

B) Nick Hague and Aleksandr Gorbunov



Event and Location:

- **Event:** NASA's SpaceX Crew-9 mission launched successfully aboard a Falcon 9 rocket, carrying astronauts Nick Hague (NASA) and Aleksandr Gorbunov (Roscosmos).
- **Location:** The mission was launched from Space Launch Complex 40 at Cape Canaveral Space Force Station, Florida, on September 28, 2024.



Mandates and Objectives:

- **Mandates:**
 - Crew-9 is the ninth crew rotation mission under NASA's Commercial Crew Program.
 - The crew will join the Expedition 72 team on the International Space Station (ISS) for a five-month stay.
- **Objectives:**
 - Conduct over 200 scientific investigations, such as:
 - Blood clotting studies in microgravity.
 - Investigations into how moisture affects plant growth in space.
 - Studies on vision changes in astronauts during space missions.
 - Continue supporting NASA's goals for long-duration missions under the Artemis program, including missions to the Moon.



Important Terms Explained:

- **SpaceX Dragon:** A spacecraft designed for crewed missions to the ISS as part of NASA's Commercial Crew Program.
- **Expedition 72:** A long-term mission on the ISS involving international astronauts conducting research and technology tests.



Static GK Information:

- **NASA (National Aeronautics and Space Administration)**
 - **Founded Year:** 1958
 - **Administrator:** Bill Nelson
 - **Headquarters:** Washington, D.C., USA
 - **Motto:** "For the Benefit of All"
- **Roscosmos (Russian Federal Space Agency)**
 - **Founded Year:** 1992
 - **Headquarters:** Moscow, Russia
 - **Administrator:** Yuri Borisov



SCIENCE AND TECHNOLOGY



Tabular Summary:

Event	Details
Mission Name	NASA's SpaceX Crew-9
Launch Date	September 28, 2024
Astronauts Onboard	Nick Hague (NASA), Aleksandr Gorbunov (Roscosmos)
Launch Site	Space Launch Complex 40, Cape Canaveral Space Force Station
Destination	International Space Station (ISS)
Mission Duration	5 months
Scientific Focus	Blood clotting, plant growth in space, vision changes in astronauts



➤ Which two companies formed a joint venture named BEL IAI AeroSystems Private Ltd to support Medium Range Surface-to-Air Missile (MRSAM) systems in India?

- A) Tata and Boeing
- B) Bharat Electronics and Israel Aerospace Industries
- C) DRDO and Lockheed Martin
- D) HAL and Dassault Aviation
- E) Reliance and Rafael



Answer

B) Bharat Electronics and Israel Aerospace Industries



DEFENCE



Event and Location:

- **Event:** Bharat Electronics Limited (BEL) and Israel Aerospace Industries (IAI) have formed a joint venture named BEL IAI AeroSystems Private Ltd.
- **Location:** The joint venture is headquartered in Delhi, India.



Mandates and Objectives:

- **Mandates:**
 - The joint venture aims to provide long-term product support for the Medium Range Surface-to-Air Missile (MRSAM) systems used by India's defense forces.
- **Objectives:**
 - Offer comprehensive life cycle support for MRSAM systems, including technical and maintenance services.
 - Strengthen India's defense capabilities and align with the Atmanirbhar Bharat initiative by promoting self-reliance in defense manufacturing.



Important Terms Explained:

- **MRSAM (Medium Range Surface-to-Air Missile):** A missile system developed jointly by IAI and India's DRDO to counter various aerial threats. It includes advanced radar, mobile launchers, and interceptors.
- **Atmanirbhar Bharat:** An initiative by the Indian government to promote self-reliance in various sectors, including defense.



Static GK Information:

- **Bharat Electronics Limited (BEL)**
 - **Founded Year:** 1954
 - **Headquarters:** Bangalore, Karnataka
 - **Chairman and Managing Director:** Bhanu Prakash Srivastava
 - **Status:** Navratna PSU
 - **Specialization:** Aerospace and defense electronics
- **Israel Aerospace Industries (IAI)**
 - **Founded Year:** 1953
 - **Headquarters:** Tel Aviv, Israel
 - **CEO:** Boaz Levy
 - **Specialization:** Aerospace and defense technologies



DEFENCE



Tabular Summary:

Event	Details
Joint Venture Name	BEL IAI AeroSystems Private Ltd
Partner Companies	Bharat Electronics Ltd (BEL) and Israel Aerospace Industries (IAI)
Primary Focus	Long-term product support for MRSAM systems
Headquarters	Delhi, India
Significance	Strengthening India's defense capabilities, supporting Atmanirbhar Bharat
MRSAM Features	Phased array radar, mobile launchers, RF-seeker-equipped interceptors



➤ **Which agreement was signed between India and the US during the 6th India-US Commercial Dialogue in 2024?**

- A) MoU on Digital Cooperation
- B) MoU on Expanding and Diversifying Critical Mineral Supply Chains
- C) MoU on Renewable Energy Development
- D) MoU on Defense Collaboration
- E) MoU on Educational Exchange Programs



Answer

B) MoU on Expanding and Diversifying Critical Mineral Supply Chains



Event and Location:

- **Event:** The 6th India-US Commercial Dialogue was held in Washington D.C., co-chaired by Shri Piyush Goyal, India's Commerce and Industry Minister, and Gina Raimondo, U.S. Secretary of Commerce.
- **Location:** U.S. Department of Commerce, Washington D.C.



Mandates and Objectives:

- **Mandates:**
 - The primary purpose of the Commercial Dialogue is to improve business and investment climates between India and the U.S., with a focus on new and emerging technologies.
 - The two countries identified key priority areas:
 1. Supply Chain Resilience
 2. Climate and Clean Technology Cooperation
 3. Inclusive Digital Growth
 4. Standards and Conformance Cooperation



Mandates and Objectives:

- **Objectives:**
 - Critical Mineral Supply Chains: Under the Supply Chain Resilience track, India and the U.S. signed an MoU to "Expand and Diversify Critical Mineral Supply Chains." This agreement facilitates cooperation on exploring, extracting, processing, and recycling critical minerals, which are essential for technology and clean energy sectors.



Important Terms Explained:

- **Critical Mineral Supply Chains:** These are supply chains for minerals like lithium, cobalt, and rare earth elements that are essential for manufacturing electronic devices, renewable energy systems, and advanced technologies.
- **Supply Chain Resilience:** Efforts to build stronger and more adaptable supply chains that can withstand disruptions, especially in critical sectors like technology and energy.



Static GK Information:

- **India-US Trade Relations**
 - **Total Bilateral Trade (2023):** \$128.55 billion
 - **India's Major Exports to the U.S.:** Pharmaceuticals, IT services, textiles
 - **U.S. Major Exports to India:** Aircraft, machinery, critical minerals
- **Ministry of Commerce and Industry, India**
 - **Minister:** Shri Piyush Goyal
 - **Headquarters:** New Delhi, India
- **U.S. Department of Commerce**
 - **Secretary:** Gina Raimondo
 - **Headquarters:** Washington D.C., USA



INTERNATIONAL AFFAIRS



Tabular Summary:

Event	Details
Meeting	6th India-US Commercial Dialogue
Date	October 4, 2024
Key Agreement Signed	MoU on Expanding and Diversifying Critical Mineral Supply Chains
Co-Chairs	Shri Piyush Goyal (India), Gina Raimondo (USA)
Priority Areas	Supply Chain Resilience, Climate Cooperation, Digital Growth
Significance	Strengthens supply chain for critical minerals essential to tech and clean energy



➤ **Where was GAIL's first CBG (Compressed Biogas) plant inaugurated, and what technology is used in its purification process?**

- A) Gujarat, Water Scrubbing Technology
- B) Uttar Pradesh, Membrane Technology
- C) Jharkhand, Water Scrubbing Technology
- D) Madhya Pradesh, Cryogenic Technology
- E) Bihar, Pressure Swing Adsorption



Answer

C) Jharkhand, Water Scrubbing Technology



Event and Location:

- **Event:** Prime Minister Narendra Modi inaugurated GAIL's first CBG (Compressed Biogas) plant on Swachh Bharat Diwas, 2024.
- **Location:** The plant is located at Ranchi, Jharkhand, specifically at the Jhir dumping site, Mouza Jhiri.



Mandates and Objectives:

- **Mandates:**
 - The plant processes 150 tonnes of municipal solid waste to produce 5,000 kg of bio-CNG and 25 tons of bio manure daily.
 - The biogas generated will be used to fuel over 600 vehicles per day at nearby CNG stations, supporting the Atmanirbhar Bharat initiative.
- **Objectives:**
 - Promote the use of clean and green fuel.
 - Boost local employment, support rural economies, and reduce India's reliance on fossil fuels.



Important Terms Explained:

- **Water Scrubbing Technology:** A biogas purification method used to remove impurities like carbon dioxide and hydrogen sulfide by using water.
- **Circular Economy:** A system where resources, such as waste, are reused, recycled, and repurposed for further production.



Static GK Information:

- **GAIL (India) Ltd.**
 - **Founded Year:** 1984
 - **Headquarters:** New Delhi, India
 - **Chairman and Managing Director:** Sandeep Kumar Gupta
 - **Tagline:** "Gas and Beyond"
- **Jharkhand**
 - **Capital:** Ranchi
 - **Chief Minister:** Hemant Soren
 - **Governor:** C.P. Radhakrishnan



NATIONAL AFFAIRS



Tabular Summary:

Event	Details
Plant Location	Ranchi, Jharkhand
Inauguration Date	October 2, 2024, on Swachh Bharat Diwas
Plant Capacity	12,500 m ³ biogas per day, producing 5,000 kg bio-CNG and 25 tons of manure daily
Purification Technology	Water Scrubbing Technology
Partnership	GAIL (India) in collaboration with CEID Consultants
Significance	Promotes clean energy, local employment, and energy security
Feedstock	Municipal solid waste and cow dung from Ranchi



➤ **What is the total capacity of green energy projects Anil Ambani's Reliance Group will develop in Bhutan?**

- A) 1,000 MW
- B) 500 MW
- C) 1,270 MW
- D) 770 MW
- E) 2,452 MW

Answer

C) 1,270 MW



Event and Location:

- **Event:** Anil Ambani's Reliance Group signed a \$1 billion deal for Bhutan's largest green energy projects.
- **Location:** Bhutan, focusing on renewable energy, including solar and hydroelectric power projects.



Mandates and Objectives:

- **Mandates:**
 - The project involves the development of 1,270 MW of green energy, comprising:
 - 500 MW solar power plant in Gelephu Mindfulness City, to be constructed in two phases of 250 MW each.
 - 770 MW Chamkharchhu-1 hydroelectric project, under Bhutan's run-of-the-river concession model.
- **Objectives:**
 - Support Bhutan's net-zero goals by leveraging green technologies for renewable energy generation.
 - Promote long-term collaboration between India and Bhutan in the energy sector, contributing to economic development and Bhutan's Gross National Happiness Index.



Important Terms Explained:

- **Green Energy:** Energy derived from renewable sources like solar and hydroelectric power that have minimal environmental impact.
- **Run-of-the-river plants:** Hydroelectric power stations that generate electricity without the need for large reservoirs, minimizing environmental impact.
- **Net-zero goals:** Bhutan's ambition to balance carbon emissions with measures that reduce or offset greenhouse gas output.



Static GK Information:

- **Bhutan**
 - **Capital:** Thimphu
 - **Currency:** Bhutanese Ngultrum (BTN)
 - **Prime Minister:** Lotay Tshering
 - **Monarch:** King Jigme Khesar Namgyel Wangchuck
- **Reliance Group**
 - **Founded Year:** 1966
 - **Chairman:** Anil Ambani
 - **Headquarters:** Mumbai, India



NATIONAL AFFAIRS



Tabular Summary:

Event	Details
Project Location	Bhutan
Project Total Capacity	1,270 MW (500 MW solar + 770 MW hydroelectric)
Investment Value	\$1 billion
Solar Project	500 MW solar plant in Gelephu Mindfulness City
Hydroelectric Project	770 MW Chamkharchhu-1 project
Key Partnership	Reliance Group and Druk Holding & Investments (DHI)
Significance	Largest Indian investment in Bhutan's renewable energy sector



➤ How much natural gas can be produced per day from the Bio-CNG plant at Lal Tipara Gaushala in Gwalior?

- A) 1 tonne
- B) 2 tonnes
- C) 3 tonnes
- D) 5 tonnes
- E) 10 tonnes

Answer
C) 3 tonnes



Event and Location:

- **Event:** Prime Minister Narendra Modi inaugurated the Lal Tipara Gaushala along with a Bio-CNG plant in Gwalior, Madhya Pradesh, on Swachhta Diwas (October 2, 2024).
- **Location:** Gwalior, Madhya Pradesh, India.



Mandates and Objectives:

- **Mandates:**
 - The Bio-CNG plant at the gaushala can produce 3 tonnes of natural gas per day using 100 tonnes of cow dung.
 - The project is a collaboration with the Indian Oil Corporation (IOC).
 - The plant will also produce 20 tonnes of organic manure daily.
- **Objectives:**
 - Promote sustainable energy solutions through the use of Bio-CNG from cow dung.
 - Support the Swachh Bharat Mission by ensuring effective waste management and renewable energy generation.



Important Terms Explained:

- **Bio-CNG plant:** A facility that produces compressed biogas (CBG) from organic waste, such as cow dung, which can be used as an alternative fuel source.
- **Swachhta Diwas:** Celebrated on October 2 each year to commemorate Gandhi Jayanti and promote cleanliness and sanitation under the Swachh Bharat Mission.
- **Corporate Social Responsibility (CSR):** A business initiative where companies allocate funds for social and environmental projects, such as the gaushala funded by IOC's CSR.



Static GK Information:

- **Indian Oil Corporation (IOC)**
 - **Founded Year:** 1959
 - **Chairman:** Shrikant Madhav Vaidya
 - **Headquarters:** New Delhi, India
 - **Tagline:** "Pehle Indian Phir Oil"
- **Madhya Pradesh**
 - **Capital:** Bhopal
 - **Chief Minister:** Shivraj Singh Chouhan
 - **Governor:** Mangubhai C. Patel



NATIONAL AFFAIRS



Tabular Summary:

Event	Details
Gaushala Location	Lal Tipara Gaushala, Gwalior, Madhya Pradesh
Natural Gas Production	3 tonnes of Bio-CNG per day
Organic Manure Production	20 tonnes per day
Cost of Development	₹32 crore from IOC's CSR fund
Collaborating Organization	Indian Oil Corporation (IOC)
Other Projects Launched	₹685 crore worth of projects under Swachh Bharat Mission and AMRUT Yojana
Inauguration Date	October 2, 2024 (Swachhta Diwas)



NATIONAL AFFAIRS



➤ **Which organizations signed an MoU to promote solar power usage in health research facilities across India?**

- A) Indian Council of Medical Research and BHEL
- B) NTPC Vidyut Vyapar Nigam and WHO
- C) NTPC Vidyut Vyapar Nigam and Indian Council of Medical Research
- D) DRDO and NTPC Vidyut Vyapar Nigam
- E) Indian Council of Medical Research and ONGC

Answer

C) NTPC Vidyut Vyapar Nigam and Indian Council of Medical Research



Event and Location:

- **Event:** The Indian Council of Medical Research (ICMR) and NTPC Vidyut Vyapar Nigam (NVVN) signed a Memorandum of Understanding (MoU) to promote solar power usage in health research facilities across India.
- **Location:** India, impacting 15 ICMR institutes nationwide.



Mandates and Objectives:

- **Mandates:**
 - The agreement involves NVVN supplying, installing, testing, commissioning, and maintaining rooftop solar panels across 15 ICMR institutes.
 - The total solar capacity installed under this agreement will be 4,559 KW.
- **Objectives:**
 - Support India's renewable energy goals and contribute to the Atmanirbhar Bharat vision for a sustainable and self-reliant healthcare sector.
 - Provide long-term cost efficiency through a Power Purchase Agreement (PPA), ensuring a fixed solar tariff for the next 25 years.



Important Terms Explained:

- **Atmanirbhar Bharat:** A vision for India to become self-reliant in various sectors, including energy, economy, and industry.
- **Power Purchase Agreement (PPA):** A long-term contract between a renewable energy provider and a buyer, ensuring a fixed tariff for energy generated over a period of time.
- **Carbon footprint:** The total amount of greenhouse gases emitted by an entity, including organizations, due to their activities.



Static GK Information:

- **Indian Council of Medical Research (ICMR)**
 - **Founded Year:** 1911
 - **Headquarters:** New Delhi, India
 - **Director General:** Dr. Rajiv Bahl
- **NTPC Vidyut Vyapar Nigam (NVVN)**
 - **Founded Year:** 2002
 - **Headquarters:** New Delhi, India
 - **Parent Organization:** NTPC Limited
 - **Focus:** Energy trading, renewable energy projects



NATIONAL AFFAIRS



Tabular Summary:

Event	Details
MoU Signed Between	Indian Council of Medical Research (ICMR) and NTPC Vidyut Vyapar Nigam (NVVN)
Purpose	Promote solar power usage in health research facilities
Total Solar Capacity	4,559 KW
Number of ICMR Institutes	15
Project Duration	Fixed solar tariff for 25 years
Significance	Supports Atmanirbhar Bharat and renewable energy goals



➤ **What is the primary objective of the MoU signed between Amazon and India Post?**

- A) To introduce same-day delivery
- B) To scale nationwide delivery capabilities
- C) To offer drone-based delivery
- D) To introduce a new payment gateway
- E) To focus on international shipping



Answer

B) To scale nationwide delivery capabilities



Event and Location:

- **Event:** Amazon and India Post signed a Memorandum of Understanding (MoU) to enhance Amazon's nationwide delivery capabilities.
- **Location:** The MoU was signed in Bengaluru, with an aim to expand Amazon's logistics network across India.



Mandates and Objectives:

- **Mandates:**
 - The MoU enables Amazon to leverage India Post's extensive postal network to reach every pin code in India.
 - This partnership enhances Amazon's ability to facilitate cash-on-delivery and integrate delivery solutions across the country.
- **Objectives:**
 - Amazon's logistics network has expanded, with pickup points growing from 6 locations to 13 locations nationwide.
 - The partnership allows Amazon to become the first e-commerce company to offer a fully integrated end-to-end cash-on-delivery solution with India Post, further improving its logistics and delivery infrastructure.



Important Terms Explained:

- **Cash-on-Delivery:** A payment method where customers pay for goods at the time of delivery, rather than in advance.
- **MoU (Memorandum of Understanding):** A formal agreement between two parties outlining mutual goals and commitments, but not legally binding.



Static GK Information:

- **Amazon**
 - **Founded Year:** 1994
 - **Founder:** Jeff Bezos
 - **CEO:** Andy Jassy
 - **Headquarters:** Seattle, Washington, USA
- **India Post**
 - **Founded Year:** 1854
 - **Headquarters:** New Delhi, India
 - **Director General:** Alok Sharma
 - **Parent Ministry:** Ministry of Communications, Government of India



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Tabular Summary:

Event	Details
MoU Between	Amazon and India Post
Objective	Scale nationwide delivery capabilities
Significance	Enables cash-on-delivery across all pin codes in India
Logistics Expansion	Amazon expanded its pickup locations from 6 to 13 nationwide
MoU Signed Date	October 4, 2024



QUICK RECALL



- **World Animal Day 2024 will be observed on October 4, with the theme "The world is their home too."**
- **World Space Week is celebrated from October 4-10, marking the launch of Sputnik 1 in 1957.**
- **Sri Lankan cricketer Jayawickrama banned for failing to report match-fixing approach in 2021.**
- **Axis Mutual Fund launched the Nifty500 Value 50 Index Fund to track the Nifty500 Value 50 Total Return Index.**
- **Claudia Sheinbaum takes office as Mexico's first woman president on October 1, 2024.**
- **NASA's SpaceX Crew-9, with Nick Hague and Aleksandr Gorbunov, launched on September 28, 2024, to the ISS.**
- **Bharat Electronics and Israel Aerospace Industries formed a joint venture to support MRSAM systems for India's defense forces.**
- **India and the U.S. signed an MoU to diversify critical mineral supply chains during the 6th Commercial Dialogue.**



QUICK RECALL



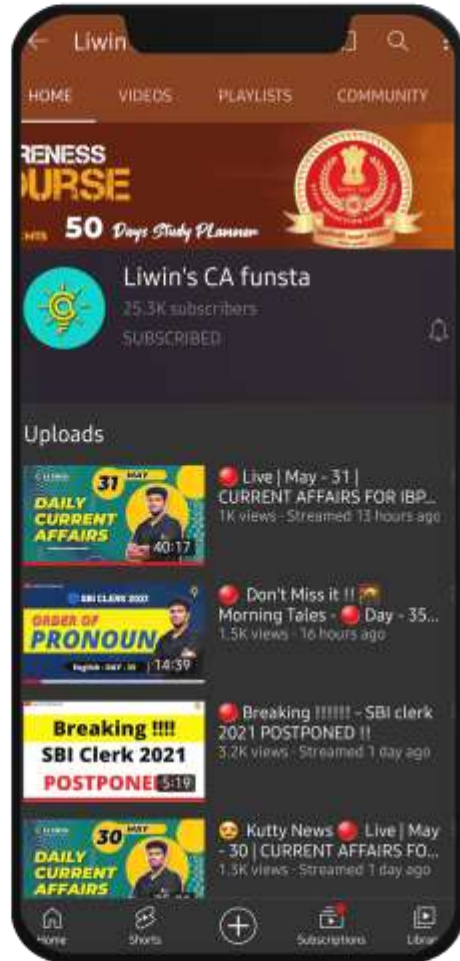
- **GAIL's first CBG plant in Ranchi, Jharkhand, was inaugurated using water scrubbing technology.**
- **Reliance Group signs \$1 billion deal to develop 1,270 MW of green energy in Bhutan.**
- **PM Modi inaugurated a Bio-CNG plant at Lal Tipara Gaushala in Gwalior, producing 3 tonnes of gas daily.**
- **ICMR and NTPC Vidyut Vyapar Nigam signed an MoU to install solar panels at 15 research institutes across India.**
- **Amazon and India Post signed an MoU to scale nationwide delivery capabilities, including cash-on-delivery services.**



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