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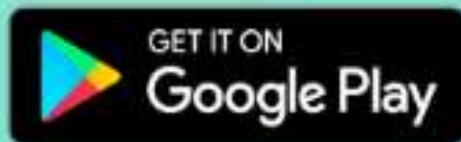
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# Important Days

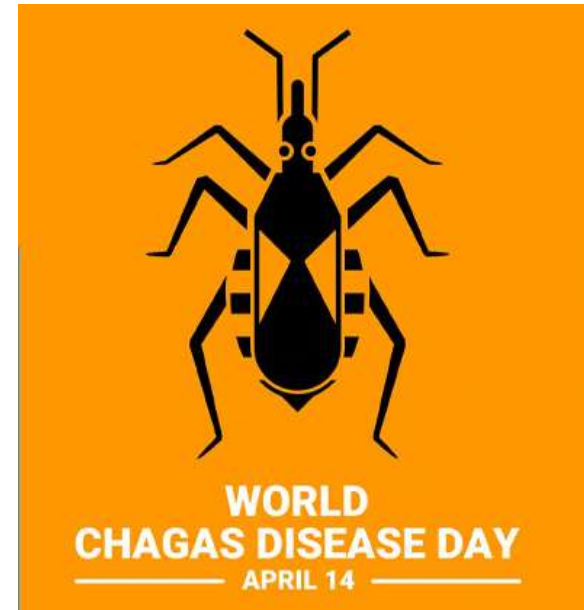


➤ **What is the theme of World Chagas Disease Day 2024, and why is it significant?**

- A. Celebrating Achievements in Vector Control
- B. Reducing the Global Disease Burden through Prevention
- C. Early Diagnosis and Lifelong Care
- D. Strengthening Surveillance Systems for Disease Control
- E. Enhancing Global Health Infrastructure

**Answer**

**C. Early Diagnosis and Lifelong Care**



# Important Days



## Event and Location:

- **Event:** World Chagas Disease Day 2024
- **Location:** Global observance





# Important Days



## Mandates and Objectives:

- **Theme:** "Early Diagnosis and Lifelong Care"
- **Primary Objectives:** To increase public awareness, secure greater support and funding for early diagnosis, and emphasize the importance of comprehensive follow-up care initiatives to manage Chagas disease effectively.



# Important Days



## Important Terms Explained:

- **Chagas Disease:** A neglected tropical disease caused by the parasite *Trypanosoma cruzi*. It is often asymptomatic until the advanced stages and can become life-threatening if not treated early.
- **Trypanosoma cruzi:** The protozoan parasite that causes Chagas disease.
- **Vectorial Transmission:** The primary mode of transmission for Chagas disease, involving blood-sucking triatomine bugs.



# Important Days



## Static GK Information:

- **World Health Organization (WHO):**
  - **Founded Year:** 1948
  - **CEO/MD/Chairman:** Dr Tedros Adhanom Ghebreyesus (Director-General)
  - **Headquarters:** Geneva, Switzerland



# Important Days



## Tabular Summary:

Event Detail	Information
Event	World Chagas Disease Day 2024
Date	14 April 2024
Theme	Early Diagnosis and Lifelong Care
Significance	Advocates for increased awareness and support for managing Chagas disease, emphasizing the importance of early diagnosis and comprehensive care.
Key Figures	Dr Jérôme Salomon, Dr Ibrahima Socé Fall
Global Impact	Affects approximately 6-7 million people worldwide, with significant public health implications in Latin America and beyond due to migration and climate change.



# Important Days



➤ **What is the primary goal of India's National Quantum Mission (NQM) as it celebrates World Quantum Day 2024?**

- A. To become the leading exporter of quantum technologies
- B. To develop a space-based quantum communications satellite
- C. To foster a vibrant ecosystem for Quantum Technology development
- D. To establish a global quantum internet connecting multiple countries
- E. To solely focus on quantum cryptography for national security



**Answer**

**C. To foster a vibrant ecosystem for Quantum Technology development**



# Important Days



## Event and Location:

- **Event:** Celebration of World Quantum Day 2024 and the objectives of the National Quantum Mission (NQM)
- **Location:** India



# Important Days



## Mandates and Objectives:

- **Objective:** The NQM aims to seed, nurture, and scale up scientific and industrial R&D to create a vibrant and innovative ecosystem in Quantum Technology (QT). This includes accelerating QT-led economic growth and making India a leading nation in the development of quantum technologies and applications.



# Important Days



## Important Terms Explained:

- **Quantum Technology (QT):** Encompasses various advanced fields such as quantum computing, quantum communication, quantum sensing, and quantum materials, all leveraging quantum mechanical properties like superposition and entanglement to achieve technological advancements.
- **National Quantum Mission (NQM):** An initiative by the Indian government to promote quantum technology development through substantial funding and research efforts, focusing on establishing thematic hubs and supporting collaborative projects.





# Important Days



## Static GK Information:

- **Prof. Ajay Kumar Sood:**
  - **Role:** Principal Scientific Adviser to the Government of India
  - **Contribution:** Prominent advocate for quantum technology development in India



# Important Days



## Tabular Summary:

Event Detail	Information
Event	World Quantum Day 2024
Date	April 14, 2024
Location	India
Significance	Marks India's aspirations to lead in Quantum Science and Technology
NQM Funding	Rs 6003.65 Crore
Mission Duration	8 years (2023-2031)
Mission Focus Areas	Quantum Computing, Communication, Sensing & Metrology, and Materials & Devices
Key Figures	Prof. Ajay Kumar Sood, Dr. Ajai Chowdhry, Prof. Abhay Karandikar, Prof. Urbasi Sinha, Prof. R Vijayraghavan



# RANKING



➤ According to the "World Cybercrime Index", which countries are identified as leading hubs for cybercrime activities?

- A. Brazil, Mexico, and Argentina
- B. Russia, Ukraine, and China
- C. Australia, New Zealand, and Japan
- D. India, South Africa, and Egypt
- E. Canada, Germany, and France



**Answer**

**B. Russia, Ukraine, and China**



# RANKING

## Event and Location:

- **Event:** Publication of the "World Cybercrime Index" identifying major hubs for cybercrime.
- **Location:** Global



# RANKING

## Mandates and Objectives:

- **Objective:** The index aims to identify the major geographical hubs of cybercrime and the types of crimes prevalent in those regions to enhance cybercrime research and preventive measures. India ranks number 10 in cybercrime



# RANKING

## Important Terms Explained:

- **World Cybercrime Index:** A new tool developed by researchers to assess and rank countries based on the prevalence and sophistication of cybercrimes originating from them.
- **Cybercrime:** Crimes conducted via the internet or other electronic means, including identity theft, data breaches, scams, and money laundering.



# RANKING

## Static GK Information:

- **Countries Mentioned:**
  - **Russia and Ukraine:** Noted for high levels of cybercrime activities.
  - **China:** Associated particularly with technical products or services related crimes.



# RANKING

## Static GK Information:

- **Russia**
  - **Capital:** Moscow
  - **Currency:** Russian Ruble
  - **Prime minister:** Mikhail Mishustin
  - **President:** Vladimir Putin
- **China**
  - **Capital:** Beijing
  - **Currency:** Renminbi
  - **Premier:** Li Qiang
  - **President:** Xi Jinping
- **Ukraine**
  - **Capital:** Kyiv
  - **Currency:** Ukrainian hryvnia
  - **Prime minister:** Denys Shmyhal
  - **President:** Volodymyr Zelenskyy





# RANKING

## Tabular Summary:

Event Detail	Information
Event	Release of the "World Cybercrime Index"
Significance	Identifies major global hubs for cybercrime activities
Key Countries	Russia, Ukraine, China, US, Romania, Nigeria, and India
Categories Assessed	Technical products/services, attacks/extortion, data/identity theft, scams, cashing out/money laundering
Methodology	Survey involving cybercrime experts from various academic institutions
Potential Use	The index could be used by organizations to develop targeted cybercrime prevention strategies



# RANKING



➤ **How has Manipal Academy of Higher Education (MAHE) performed in the QS World University Rankings 2024 for the subject of Medicine compared to the previous year?**

- A. MAHE's ranking in Medicine has decreased.
- B. MAHE's ranking in Medicine has remained the same.
- C. MAHE's ranking in Medicine has improved.
- D. MAHE is no longer ranked in Medicine.
- E. MAHE's ranking in Medicine has not been disclosed.



**Answer**

**C. MAHE's ranking in Medicine has improved.**



# RANKING

## Event and Location:

- **Event:** Release of the QS World University Rankings 2024
- **Location:** Global



# RANKING

## Mandates and Objectives:

- **Objective:** The QS World University Rankings aim to evaluate educational institutions globally across various subjects, providing benchmarks and insights into academic performance and improvements.



# RANKING

## Important Terms Explained:

- **QS World University Rankings:** An annual publication of university rankings by Quacquarelli Symonds, recognized as one of the most influential and widely observed university measures.
- **Life Sciences:** A broad academic discipline that includes studies related to living organisms, such as biology, zoology, and botany.
- **Medicine:** This specific category within the rankings focuses on medical education and research performance of institutions.



# RANKING

## Static GK Information:

- **Manipal Academy of Higher Education (MAHE):**
  - **Location:** Manipal, India
  - **Focus:** Provides higher education in various disciplines, including Life Sciences and Medicine.



# RANKING

## Tabular Summary:

Event Detail	Information
Event	QS World University Rankings 2024 Release
Date	2024
Location	Global
MAHE's Rank in Life Sciences	317 in 2024, improved from 368 in 2023
MAHE's Rank in Medicine	Placed in the 201-250 band in 2024, improved from 251-300 band in 2023
Significance	Indicates MAHE's increasing global recognition and academic improvement in specific subjects



➤ **What recent regulatory approval did Revolut receive from the Reserve Bank of India (RBI)?**

- A. License to operate as a commercial bank
- B. In-principle approval for a Prepaid Payment Instruments (PPI) license
- C. Approval to initiate public share offerings
- D. Permit to operate as a private sector lender
- E. Authorization to open physical bank branches

**Answer**

**B. In-principle approval for a Prepaid Payment Instruments (PPI) license**





## Event and Location:

- **Event:** Revolut's receipt of in-principle approval from the RBI for a PPI license
- **Location:** India



## Mandates and Objectives:

- **Objective:** To allow Revolut to issue prepaid cards and wallets, enabling it to function as a domestic player in India's financial market.



## Important Terms Explained:

- **Prepaid Payment Instruments (PPI):** Financial instruments that facilitate the purchase of goods and services against the value stored on such instruments. These include prepaid cards and wallets.
- **Reserve Bank of India (RBI):** India's central banking institution, responsible for regulating the monetary policy of the Indian rupee.



## Static GK Information:

- **Revolut:**
  - **Type:** Neobank and financial technology company
  - **Headquarters:** London, UK
  - **Established:** 2015 by Nikolay Storonsky and Vlad Yatsenko



## Tabular Summary:

Event Detail	Information
Event	Revolut receives in-principle PPI license from RBI
Location	India
Significance	Enables Revolut to issue prepaid cards and wallets, integrating both international and domestic payment solutions in India
Additional Licenses	Category-II Authorised Money Exchange Dealer, multi-currency forex cards, and cross-border remittance services



➤ Which of the following companies will be impacted by the RBI's new licensing regime for POS operators?

- A) Google
- B) MSwipe
- C) Amazon
- D) Facebook
- E) Apple



**Answer**  
**B) MSwipe**



## Event and Location:

- **Event:** The Reserve Bank of India (RBI) is planning to introduce a licensing regime for point of sales (POS) operators.
- **Location:** India



## Mandates and Objectives:

- The licensing framework aims to ensure operational harmony and establish a level playing field between online and offline payment operators.
- The targeted entities for this new license are third-party POS operators, including prominent companies like Pine Labs, MSwipe, Paytm, and BharatPe.
- Banks and NBFCs already involved in the POS business will not be affected by this change.





## Important Terms Explained:

- **Point of Sales (POS):** A system used in retail and hospitality businesses to complete transactions. It's the point where a customer makes a payment to the merchant in exchange for goods or services.
- **NBFC (Non-Banking Financial Company):** Financial institutions that offer various banking services, but do not have a banking license.
- **Payment Aggregator License:** Required by businesses that want to facilitate payments between two parties through different payment methods, ensuring compliance with RBI regulations.



## Static GK Information:

- **Reserve Bank of India:**
  - **Founded Year:** 1935
  - **Governor:** Shaktikanta Das
  - **Headquarters:** Mumbai, Maharashtra, India



## Tabular Summary:

Aspect	Details
Event	RBI introducing licensing regime for POS operators
Location	India
Date	2023 (Expected year of implementation)
Significance	To regulate the rapidly growing offline POS market and ensure a level playing field between different types of payment operators.



- **What significant step has Ashneer Grover taken in the fintech sector with the launch of the ZeroPe app?**
- A. Partnership with a major technology firm for healthcare data management
  - B. Introduction of a digital currency for healthcare payments
  - C. Offering instant pre-approved medical loans through an app
  - D. Launching a health insurance scheme for underserved populations
  - E. Developing AI-driven diagnostic tools for hospitals



**Answer**

**C. Offering instant pre-approved medical loans through an app**



## Event and Location:

- **Event:** Launch of the ZeroPe app by Ashneer Grover
- **Location:** India



## Mandates and Objectives:

- **Objective:** To provide instant pre-approved medical loans of up to Rs 500,000, facilitating easier access to healthcare financing through the digital platform.



## Important Terms Explained:

- **ZeroPe:** A fintech app developed by Third Unicorn, designed to offer medical loans. The app collaborates with Mukut Finvest to offer financial solutions directly in hospitals.
- **Fintech:** Refers to technology-driven financial services, here focusing on healthcare financing.
- **NBFC (Non-Banking Financial Company):** Financial institutions that provide banking services without meeting the legal definition of a bank.



## Static GK Information:

- **Ashneer Grover:**
  - **Previous Role:** Co-founder and managing director of BharatPe
  - **New Venture:** Third Unicorn, co-founded with Madhuri Jain Grover and Aseem Ghavri
- **Third Unicorn:**
  - **Founded Year:** 2023
  - **Co-founders:** Ashneer Grover, Madhuri Jain Grover, Aseem Ghavri
  - **Headquarters:** Chandigarh, India





## Tabular Summary:

Event Detail	Information
Event	Launch of the ZeroPe app
Date	Currently in testing phase (2023)
Location	India
Significance	Introduction of a fintech solution for instant pre-approved medical loans, enhancing healthcare accessibility
Collaboration	In partnership with Mukut Finvest
Funding	Raised \$3.5 million in a seed funding round
Market Impact	Part of a trend in digital healthcare financing projected to significantly grow by 2030



# ACQUISITIONS AND MERGERS



➤ **What recent development involves MUFG and HDB Financial Services?**

- A. MUFG is divesting its shares in HDB Financial Services.
- B. MUFG is acquiring a 20% stake in HDB Financial Services.
- C. MUFG and HDB Financial Services are merging.
- D. MUFG is taking a loan from HDB Financial Services.
- E. HDB Financial Services is acquiring MUFG.



**Answer**

**B. MUFG is acquiring a 20% stake in HDB Financial Services.**



# ACQUISITIONS AND MERGERS



## Event and Location:

- **Event:** Acquisition of a 20% stake in HDB Financial Services by MUFG.
- **Location:** India



# ACQUISITIONS AND MERGERS



## Mandates and Objectives:

- **Objective:** MUFG's strategic investment in HDB Financial Services aims to enhance their presence in India's financial sector, specifically in the non-banking financial company (NBFC) segment.



# ACQUISITIONS AND MERGERS



## Important Terms Explained:

- **Shadow Banking:** Refers to the collection of non-bank financial intermediaries that provide services similar to traditional commercial banks but outside normal banking regulations.
- **NBFC (Non-Banking Financial Company):** Financial institutions that provide certain types of banking services but do not hold a banking license. These institutions are not subject to the banking regulations and oversight by federal and state authorities adhered to by traditional banks.
- **ESOP (Employee Stock Ownership Plan):** A program that provides a company's workforce with an ownership interest in the company, often at no upfront cost to the employees.



# ACQUISITIONS AND MERGERS



## Static GK Information:

- **HDFC Bank:**
  - **Founded Year:** 1994
  - **CEO:** Sashidhar Jagdishan
  - **Headquarters:** Mumbai, India
- **MUFG (Mitsubishi UFJ Financial Group):**
  - **Founded Year:** 2005 (from merger; origins date back to 1880)
  - **CEO:** Hironori Kamezawa
  - **Headquarters:** Tokyo, Japan



# ACQUISITIONS AND MERGERS



## Tabular Summary:

Event Detail	Information
Event	MUFG's acquisition of a 20% stake in HDB Financial Services
Location	India
Valuation of HDB Financial Services	\$9-10 billion
Significance	One of the largest deals in India's shadow banking sector
Stake Details	95% held by HDFC Bank, 5% by employees under ESOP
Future Plans	HDB Financial Services to go public before September 2025 as per RBI regulations



# APPOINTMENTS



➤ **What significant achievement did Jagjit Pavadia recently attain at the United Nations?**

- A. Elected as the Secretary-General of the United Nations
- B. Re-elected for a third term to the International Narcotics Control Board
- C. Won a Nobel Peace Prize for contributions to international drug control
- D. Appointed as the head of the United Nations Development Programme
- E. Became the ambassador to the United Nations for India



**Answer**

**B. Re-elected for a third term to the International Narcotics Control Board**





# APPOINTMENTS



## Event and Location:

- **Event:** Re-election of Jagjit Pavadia to the International Narcotics Control Board (INCB)
- **Location:** United Nations, New York



# APPOINTMENTS



## Mandates and Objectives:

- **Objective:** Jagjit Pavadia was re-elected to continue her contributions towards international narcotics control, particularly focusing on ensuring adequate drug supplies for medical uses and preventing drug diversion.



# APPOINTMENTS



## Important Terms Explained:

- **International Narcotics Control Board (INCB):** An independent and quasi-judicial monitoring body responsible for the implementation of the United Nations international drug control conventions.
- **ECOSOC (Economic and Social Council):** One of the six main organs of the United Nations responsible for promoting international economic and social cooperation and development.



# APPOINTMENTS



## Static GK Information:

- **Jagjit Pavadia:**
  - **Background:** Former Narcotics Commissioner of India, with extensive experience in legal affairs and narcotics control.
  - **INCB Member Since:** 2015
  - **Previous Role:** President of the INCB in 2021-2022



# APPOINTMENTS



## Tabular Summary:

Event Detail	Information
Event	Re-election of Jagjit Pavadia to the INCB
Date	Elections held in 2024
Term Duration	2025-2030
Location	United Nations, New York
Significance	Demonstrates continued trust and recognition of Pavadia's expertise in narcotics control at an international level.
Vote Count	Secured 41 out of 53 votes, the highest among candidates
Other Elections	India also elected to several other UN bodies during the same session



# AWARDS



➤ **What recent achievement has Dr Gagandeep Kang been recognized for in the field of global health?**

- A. Starting a new global health initiative at the UN
- B. Receiving the John Dirks Gairdner Global Health Award
- C. Developing a universal healthcare policy for India
- D. Leading a worldwide campaign against childhood diseases
- E. Discovering a new treatment for diarrheal diseases



**Answer**

**B. Receiving the John Dirks Gairdner Global Health Award**



# AWARDS



## Event and Location:

- **Event:** Dr Gagandeep Kang receiving the John Dirks Gairdner Global Health Award.
- **Location:** The award is presented by the Gairdner Foundation, Canada.



# AWARDS



## Mandates and Objectives:

- **Objective:** This award recognizes outstanding contributions in the field of global health, specifically highlighting Dr Kang's work in childhood diarrhea diseases and vaccine development.





# AWARDS



## Important Terms Explained:

- **John Dirks Gairdner Global Health Award:** An annual award by the Gairdner Foundation to recognize significant global health achievements.
- **Rotavirus:** A virus that causes severe diarrhea, primarily in young children. It is the focus of Dr Kang's extensive research on vaccine development.



# AWARDS



## Static GK Information:

- **Gairdner Foundation:**
  - **Founded Year:** 1958
  - **Founder:** James A. Gairdner
  - **Purpose:** To recognize significant global achievements in biomedical science.



# AWARDS



## Tabular Summary:

Event Detail	Information
Event	Dr Gagandeep Kang receiving the John Dirks Gairdner Global Health Award
Location	Canada
Significance	Recognition of Dr Kang's contributions to global health, specifically in the study and prevention of childhood diarrheal diseases through vaccines.
Research Focus	Rotavirus and its vaccines
Honorary Titles	First Indian woman elected Fellow of the Royal Society, highlighting her prestigious contributions to science.



# AWARDS



➤ **What recent recognition has Jain spiritual leader Lokesh Muni received for his volunteer service?**

- A. The Nobel Peace Prize
- B. The Mahatma Gandhi Peace Award
- C. The US Presidential Gold Volunteer Service Award
- D. The United Nations Humanitarian Award
- E. The Padma Bhushan Award



**Answer**

**C. The US Presidential Gold Volunteer Service Award**



# AWARDS



## Event and Location:

- **Event:** Awarding of the US Presidential Gold Volunteer Service Award to Lokesh Muni
- **Location:** US Capitol



# AWARDS



## Mandates and Objectives:

- **Objective:** To honor individuals who have dedicated significant volunteer service and positively impacted communities, promoting values like compassion and service.



# AWARDS



## Important Terms Explained:

- **US Presidential Gold Volunteer Service Award:** An award established in 2003 during President George Bush's tenure to recognize individuals for their volunteer service, requiring a minimum of 500 hours of service.
- **Ahimsa Vishwa Bharati:** An organization founded by Lokesh Muni, focusing on promoting peace and non-violence.



# AWARDS



## Static GK Information:

- **Lokesh Muni:**
  - **Founder:** Ahimsa Vishwa Bharati and World Peace Center
  - **Contribution:** Prominent in promoting non-violence and peace through volunteer work and spiritual leadership.





# AWARDS



## Tabular Summary:

Event Detail	Information
Event	Awarding of the US Presidential Gold Volunteer Service Award to Lokesh Muni
Date	2024
Location	US Capitol
Significance	Recognizes exceptional volunteer service in promoting community welfare and inspiring others
Award Presenter	Democratic Congressman Brad Sherman
Established	2003, under President George Bush
Minimum Service Requirement	At least 500 hours of volunteer service



- **What is the significance of the successful launch of the Angara-A5 space rocket from the Vostochny Cosmodrome?**
- A. It is the first manned mission to Mars by Russia.
  - B. It demonstrates Russia's continued reliance on the Baikonur Cosmodrome.
  - C. It marks the first successful test of Russia's new heavy-lift rocket.
  - D. It confirms Russia's use of international components in space technology.
  - E. It represents Russia's shift to a more environmentally friendly and independent space program.



## Answer

- E. It represents Russia's shift to a more environmentally friendly and independent space program.**



## Event and Location:

- **Event:** Successful test launch of the Angara-A5 space rocket
- **Location:** Vostochny Cosmodrome, Far East, Russia



## Mandates and Objectives:

- **Objective:** To replace the older Proton M rocket with the Angara-A5, which uses more environmentally friendly fuel and is fully produced with Russian components, enhancing Russia's autonomous space launch capability.



## Important Terms Explained:

- **Angara-A5:** Russia's new generation heavy-lift space launch vehicle, designed to be more environmentally friendly and fully constructed from Russian components.
- **Vostochny Cosmodrome:** A Russian spaceport located in the Far East, developed to reduce dependency on the Baikonur Cosmodrome leased from Kazakhstan.



## Static GK Information:

- **Roscosmos:**
  - **Full Name:** Russian Federal Space Agency
  - **Founded:** 1992
  - **Headquarters:** Moscow, Russia
- **Proton M:**
  - **Introduction:** Mid-1960s
  - **Role:** Heavy-lift launch vehicle used by Russia prior to the Angara-A5



# SCIENCE AND TECHNOLOGY



## Tabular Summary:

Event Detail	Information
Event	Successful launch of Angara-A5 rocket
Location	Vostochny Cosmodrome, Russia
Significance	Transition to a more eco-friendly, independent Russian space program
Rocket Features	Three-stage, 773 tonnes, capable of carrying 24.5 tonnes into space
Strategic Importance	Provides Russia with independent access to space from its own territory



- **What is the main purpose of the India-Uzbekistan Joint Military Exercise Dustlik?**
- A. To increase trade relations between India and Uzbekistan
  - B. To conduct competitive sports events between the two nations
  - C. To train for joint operations under UN mandates
  - D. To conduct negotiations for political alliances
  - E. To celebrate cultural exchanges between the two armies



**Answer**

**C. To train for joint operations under UN mandates**





## Event and Location:

- **Event:** Fifth edition of the Joint Military Exercise Dustlik between India and Uzbekistan
- **Location:** Termez District, Uzbekistan



## Mandates and Objectives:

- **Objective:** To strengthen military relations between India and Uzbekistan through joint training that focuses on sharing best practices for subconventional operations under UN mandates.



## Important Terms Explained:

- **Joint Military Exercise:** A training operation involving military personnel from two or more countries designed to enhance military cooperation and readiness.
- **Subconventional Operations:** Military operations that involve tactics other than conventional warfare, which includes counter-insurgency and anti-terrorist actions.
- **UN Mandate:** Authorizations given by the United Nations to member states to carry out operations with specific objectives in support of the UN's goals and missions.



## Static GK Information:

- **Uzbekistan:**
  - **Country Name:** Republic of Uzbekistan
  - **Currency:** Uzbekistani Som
  - **Capital:** Tashkent
  - **President:** Shavkat Mirziyoyev
- **India:**
  - **Country Name:** Republic of India
  - **Currency:** Indian Rupee
  - **Capital:** New Delhi
  - **Prime Minister:** Narendra Modi



# INTERNATIONAL AFFAIRS



## Tabular Summary:

Event Detail	Information
Event	5th Edition of Joint Military Exercise Dustlik
Date	15 to 28 April 2024
Location	Termez District, Uzbekistan
Participating Forces	Indian Armed Forces and Armed Forces of the Republic of Uzbekistan
Significance	Enhances collaboration and readiness for subconventional operations under UN mandates
Previous Edition	Held in February 2023, Pithoragarh, Uttarakhand, India
Participants	45 soldiers from each country



- **Who is Gopichand Thotakura and what makes his upcoming space journey noteworthy?**
- A. An astronaut with ISRO preparing for a mission to the ISS
  - B. A business magnate sponsoring a new space exploration initiative
  - C. The first Indian tourist to travel into space
  - D. A scientist selected for a NASA Mars mission
  - E. A sports celebrity promoting space tourism



**Answer**

**C. The first Indian tourist to travel into space**



# NATIONAL AFFAIRS

## Event and Location:

- **Event:** Gopichand Thotakura's journey into space as a tourist
- **Location:** Aboard Blue Origin's New Shepard spacecraft



# NATIONAL AFFAIRS

## Mandates and Objectives:

- **Objective:** To travel beyond the Earth's atmosphere as part of a six-person crew on the New Shepard 25 mission, marking a historic moment as the first Indian tourist in space.





# NATIONAL AFFAIRS

## Important Terms Explained:

- **Blue Origin:** An American privately-funded aerospace manufacturer and suborbital spaceflight services company founded by Jeff Bezos. Known for developing technologies to enable private human access to space.
- **New Shepard:** A reusable suborbital rocket system designed for space tourism, named after Alan Shepard, the first American in space. The system includes a crew capsule and a booster, designed to offer passengers a brief period of weightlessness.
- **Embry-Riddle Aeronautical University:** A renowned university specializing in aviation and aerospace, offering training and degrees pertinent to careers in these fields.



# NATIONAL AFFAIRS

## Static GK Information:

- **Blue Origin:**
  - **Founded Year:** 2000
  - **Founder:** Jeff Bezos
  - **Headquarters:** Kent, Washington, USA



# NATIONAL AFFAIRS

## Tabular Summary:

Event Detail	Information
Event	Gopichand Thotakura's space tourist journey
Location	Aboard Blue Origin's New Shepard
Significance	First Indian tourist to travel into space
Mission Name	New Shepard 25
Crew Members	Gopichand Thotakura, Ed Dwight, Mason Angel, Sylvain Chiron, Kenneth L. Hess, Carol Schaller
Environmental Impact	99% of the dry mass produced is reused; byproduct is water vapor



- **What distinguishes the renewable energy park built by Adani Group in Gujarat's Khavda region?**
- A. It's the first of its kind in India
  - B. It's the largest renewable energy park in the world
  - C. It includes a large water park for recreation
  - D. It is primarily powered by nuclear energy
  - E. It focuses only on wind energy



**Answer**

**B. It's the largest renewable energy park in the world**



# NATIONAL AFFAIRS

## Event and Location:

- **Event:** Construction of the world's largest renewable energy park
- **Location:** Khavda region, Gujarat, India



# NATIONAL AFFAIRS

## Mandates and Objectives:

- **Objective:** To generate 45 GW of electricity, primarily from solar energy, contributing significantly towards India's target of generating 500 GW of electricity from non-fossil sources by 2030.



# NATIONAL AFFAIRS

## Important Terms Explained:

- **Renewable Energy Park:** A large-scale project integrating multiple renewable energy sources, such as solar and wind, to generate electricity in an environmentally sustainable manner.
- **Solar Irradiation:** A measure of solar power energy received on a given surface area in a given time. It is critical for optimizing the placement of solar panels.
- **Wind Capacity:** Refers to the maximum electrical power that can be produced under specific conditions by a wind farm.



# NATIONAL AFFAIRS

## Static GK Information:

- **Adani Green Energy Ltd (AGEL):**
  - **CEO:** Vneet Jaain
  - **Headquarters:** Ahmedabad, Gujarat, India
- **Gautam Adani:**
  - **Role:** Founder of Adani Group
  - **Net-Zero Emission Target:** 2070





# NATIONAL AFFAIRS

## Tabular Summary:

Event Detail	Information
Event	Construction of the world's largest renewable energy park
Date Initiated	December 2022
Location	Khavda, Gujarat, India
Capacity	45 GW total; 26 GW from solar, 4 GW from wind
Significance	Largest of its kind globally; significant step towards India's renewable energy goals
Infrastructure	Includes 100 km of roads, desalination and RO plants, and advanced solar panel cleaning systems
Environmental Impact	Addresses challenges such as high solar irradiation and frequent sandstorms



➤ **What is the primary purpose of the Man Portable Anti-tank Guided Missile (MPATGM) Weapon System developed by DRDO?**

- A) To increase the mobility of infantry units
- B) To defeat modern armor protected Main Battle Tanks
- C) To enhance aerial defense capabilities
- D) To improve naval warfare efficiency
- E) To support cyber warfare initiatives



**Answer**

**B) To defeat modern armor protected Main Battle Tanks**



# NATIONAL AFFAIRS

## Event and Location:

- **Event:** Successful trials of the indigenous Man Portable Anti-tank Guided Missile (MPATGM) Weapon System.
- **Location:** Trials conducted at the Pokhran Field Firing Range, Rajasthan, India.



# NATIONAL AFFAIRS

## Mandates and Objectives:

- The MPATGM is designed to meet the General Staff Qualitative Requirements of the Infantry, Indian Army.
- The primary objective of the MPATGM is to provide a portable, efficient, and effective anti-tank weapon system capable of defeating modern armored main battle tanks.



# NATIONAL AFFAIRS

## Important Terms Explained:

- **Man Portable Anti-tank Guided Missile (MPATGM):** A lightweight anti-tank missile system designed for use by infantry to target and destroy enemy armored vehicles and tanks.
- **Tandem Warhead System:** A type of warhead designed to defeat reactive armor on tanks, typically consisting of two charges: a precursor to detonate the reactive armor and a main charge to penetrate the main armor.



# NATIONAL AFFAIRS

## Static GK Information:

- **Defence Research & Development Organisation (DRDO):**
  - **Founded Year:** 1958
  - **Chairman:** Dr. Samir V Kamat
  - **Headquarters:** New Delhi, India



# NATIONAL AFFAIRS

## Tabular Summary:

Aspect	Details
Event	Successful trials of the MPATGM system
Location	Pokhran Field Firing Range, Rajasthan, India
Date	13 April 2024
Chief Guest/Official	Raksha Mantri Shri Rajnath Singh and DRDO Chairman Dr. Samir V Kamat
Significance	Marks a significant advancement in India's defense technology, enhancing anti-tank capabilities for infantry and moving towards self-reliance in defense systems.



# QUICK RECALL



- **World Chagas Disease Day is observed on April 14 to raise awareness around Chagas disease.**
- **India is celebrating World Quantum Day on April 14.**
- **According to the "World Cybercrime Index", Russia, Ukraine, and China are identified as leading hubs for cybercrime activities.**
- **The ranking of Manipal Academy of Higher Education (MAHE) in the broad subject of 'Life Sciences' stood at 317 in 'QS World University Ranking 2024'.**
- **Revolut received In-principle approval for a Prepaid Payment Instruments license from the Reserve Bank of India.**
- **The Reserve Bank of India (RBI) is planning to introduce a licensing regime for point of sales (POS) operators.**
- **BharatPe co-founder Ashneer Grover set to re-enter fintech with ZeroPe app.**
- **MUFG is acquiring a 20% stake in HDB Financial Services.**





# QUICK RECALL



- **India's Jagjit Pavadia re-elected for a third term to the International Narcotics Control Board**
- **Dr Gagandeep Kang received the John Dirks Gairdner Global Health Award.**
- **Jain spiritual leader honoured with the US President's Gold Volunteer Service.**
- **Russia successfully launches first Angara-A5 space rocket from Far East cosmodrome.**
- **International affairs**
- **India-Uzbekistan Joint Military Exercise DUSTLIK begins on April 15.**
- **First Indian space tourist to fly on Jeff Bezos's Blue Origin's NS-25 mission.**
- **Adani Group builds world's largest renewable energy park in Gujarat.**
- **DRDO & Indian Army conduct successful trials of indigenous Man Portable Anti-tank Guided Missile Weapon System**



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