


Daily Current Affairs

 Date : 08 October, 2025



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RAJASTHAN



Conservation of Jantar Mantar's Instruments



Why in News?

- The Department of Archaeology and Museums (Rajasthan) and the Indira Gandhi National Centre for the Arts (IGNCA), New Delhi, will conserve the instruments of Jantar Mantar in Jaipur, a UNESCO World Heritage Site.



Key Points:

- The Indira Gandhi National Centre for the Arts will develop a 'Disaster Risk Management Plan' for the instruments to ensure the conservation of the eroding stones.
- Jantar Mantar is a group of five astronomical observatories built by Sawai Jai Singh in the 18th century, located in New Delhi, Jaipur, Ujjain, Mathura, and Varanasi.

Jantar Mantar in Jaipur:

- Built by Sawai Jai Singh, the founder of Jaipur city.
- The construction of this monument was completed in 1734.

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Major Instruments and Equipment:

Vrihat Smarak Yantra:

- The Vrihat Smarak Yantra is a massive sundial located at the center of the Jantar Mantar Observatory. This 27-meter-tall structure is the tallest sundial in the world. The 'Samrat Yantra,' meaning 'Supreme Instrument,' is an equinoctial sundial and measures time to an accuracy of two seconds.

Lukhu Smarak Yantra:

- This instrument measures local time to an accuracy of twenty seconds. The ramp of this sundial points toward the North Pole, so the local time in Jaipur can be easily calculated by measuring the position of the ramp's shadow on the engraved scale segments.

Ram Yantra:

- The Ram Yantra measures the altitude and azimuth of the Sun and planets. The Ram Yantra is only available at Jantar Mantar in Jaipur and New Delhi.

Jai Prakash Yantra:

- This instrument has two hemispherical bowls, similar to sundials, and marble slabs. Through this, the altitude, azimuth, hour angle, and exact position of celestial bodies are determined using the inverted image of the sky and the movement of inverted shadows on the strips.

Significance:

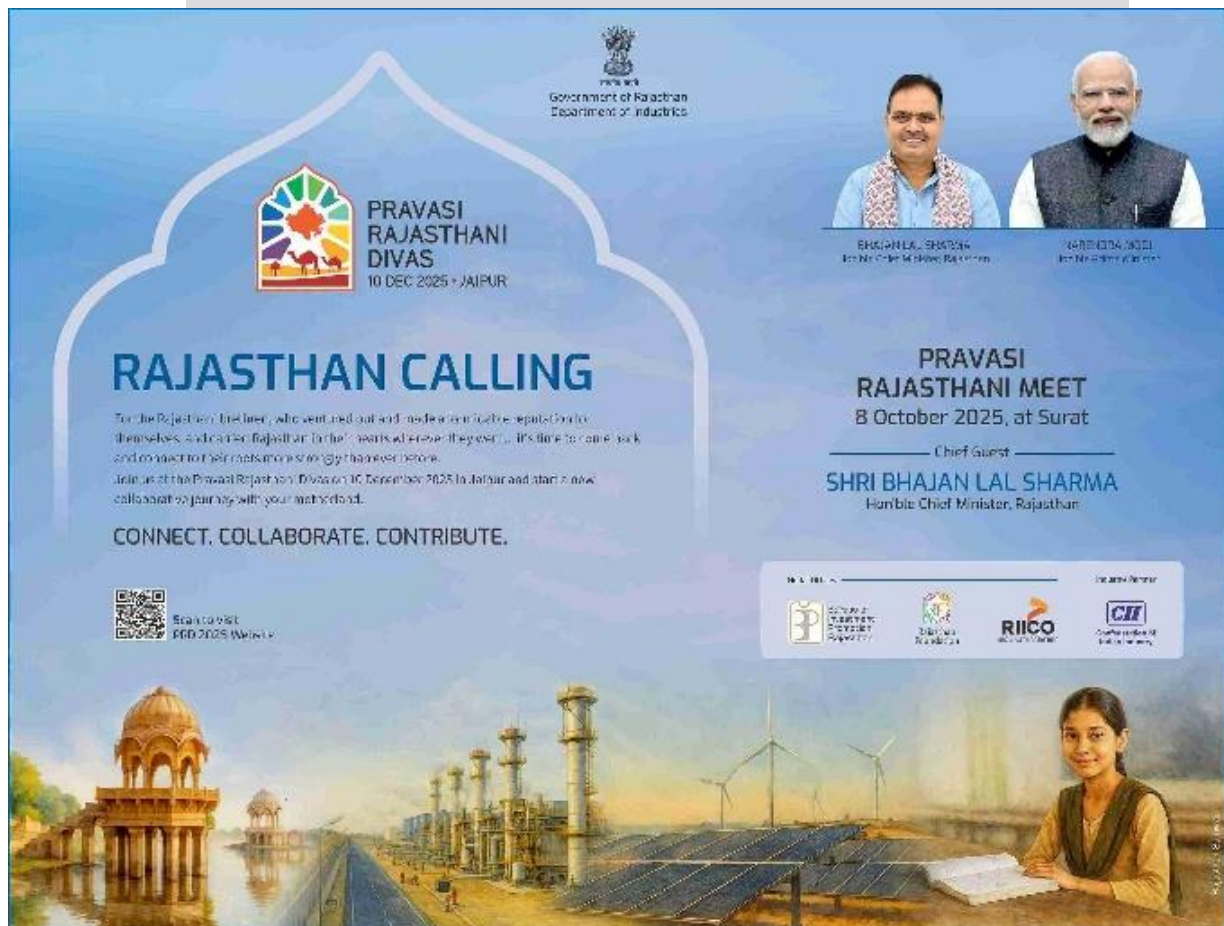
- Jantar Mantar has 19 stone-carved structures (instruments) to measure the position and distance of celestial bodies.
- The stone clusters at Jantar Mantar in Jaipur, help in interpreting the position of celestial bodies and calculate local time.
- It was declared a National Monument in 1948 and has been managed under the Archaeological Sites and Monuments Act of Rajasthan since 1961.
- Listed as a World Heritage Site by UNESCO in 2010.

Second edition of the "Pravasi Rajasthani Meet": Surat



Why in News?

- The second edition of the "Pravasi Rajasthani Meet" was organized by the Rajasthan government in collaboration with the Confederation of Indian Industry (CII) in Surat, Gujarat.



Key Points:

- **Event on:** October 8, 2025
- The "Pravasi Rajasthani Meet" is being organized by the state government in anticipation of the first "Pravasi Rajasthani Day" to be held in Jaipur on December 10, 2025. The first edition of this series was held in Hyderabad on September 26, 2025.

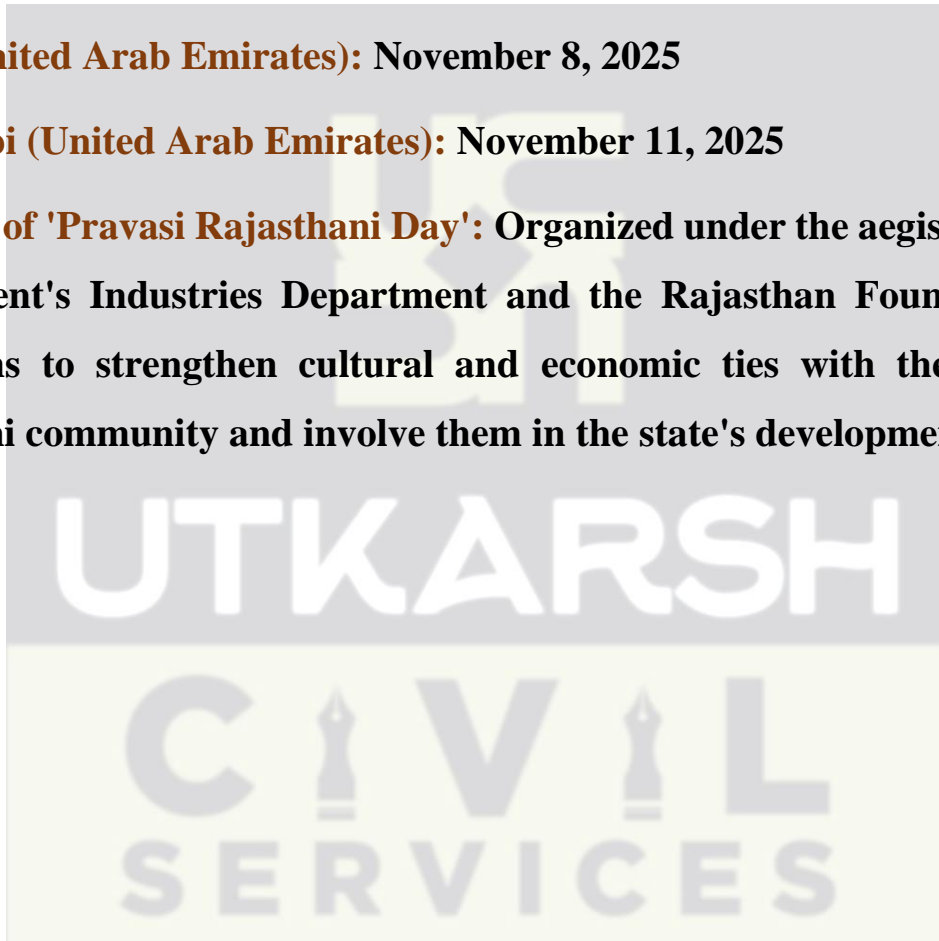
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Event Dates for the 'Pravasi Rajasthani Meet':

- **Hyderabad:** September 26, 2025
- **Surat:** October 8, 2025
- **Kolkata:** October 28, 2025
- **Dubai (United Arab Emirates):** November 8, 2025
- **Abu Dhabi (United Arab Emirates):** November 11, 2025
- **Objective of 'Pravasi Rajasthani Day':** Organized under the aegis of the State Government's Industries Department and the Rajasthan Foundation, this event aims to strengthen cultural and economic ties with the expatriate Rajasthani community and involve them in the state's development.



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Thar Festival: Barmer



Why in News?

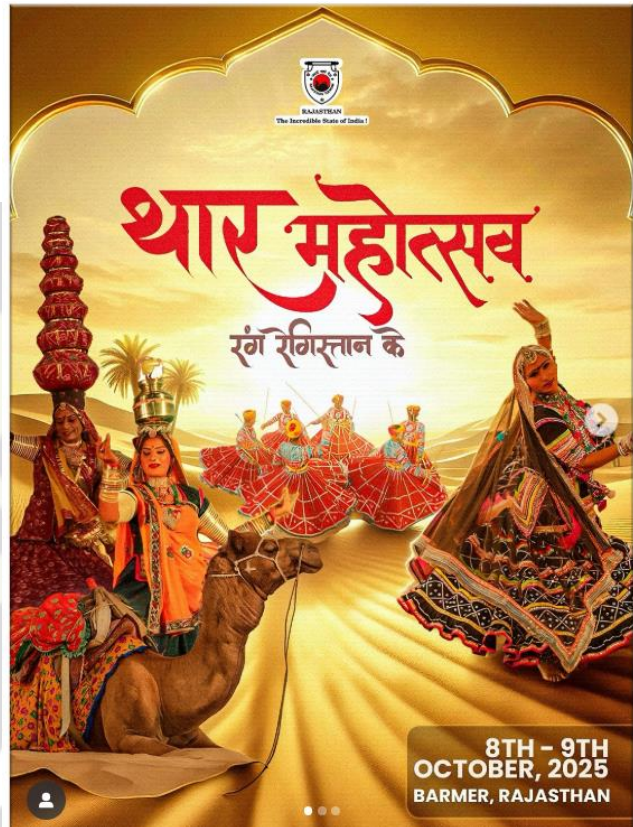
- The Thar Festival – 2025 will be organized by the Rajasthan Tourism Department in Barmer.



Key Points:

- **Event Date:** October 8 and 9, 2025
- **Event Theme:** 'Rang Registan Ke'
- **Thar Kumari (2025):** Nakshatri Choudhary.
- **Thar Shri (2025):** Dharmendra Dabi.
- **During the Thar Festival – 2025,** special attention will be given to the 'Five Pride' of Barmer district.

Barmer's Five Pride:



District	Yield	Species	Products	Tourist Place	Sports
Barmer	Isabgol	Rohida	Embroidery	Kiradu Temple	Basketball

Other important points:

Major events organized by Rajasthan Tourism in October 2025:

- **Kota Dussehra Fair:** October 2 to 17.
- **Marwar Festival (Jodhpur):** October 6-7.
- **Thar Festival (Barmer):** October 8-9.
- **Deeg Festival (Deeg):** October 10.
- **Cultural Diaries (Jaipur):** October 11.
- **Pushkar Fair (Ajmer):** October 30 to November 5.
- **Holiday Expo, Vadodara:** October 9 to 11.
- **Note:** Narsingh Chauhan won the 'Marwarshree' award in Marwar Mahotsav 2025 held in Jodhpur.

INDRA-2025: India-Russia Joint Military Exercise



Why in News?

- The Indra-2025 joint military exercise between India and Russia has commenced at the Mahajan Field Firing Range in Bikaner.



India and Russia Begin Indra-2025 Joint Military Exercise in Rajasthan Desert



Key Points:

- This joint exercise is conducted every two years by both countries, alternating between the two countries. The last edition was held in 2021-2022.
- **Note:** In April 2025, India and Russia conducted the 'Indra Navy 2025' exercise in the Bay of Bengal. Prior to this, two Russian ships, the Varyag and Marshal Shaposhnikov, participated in the 'Milan 2024' exercise in India.

Duration of the exercise:

- October 6 to 15, 2025

India's leadership:

- Major General Sanjay Chandra Kandpal

Daily Current Affairs

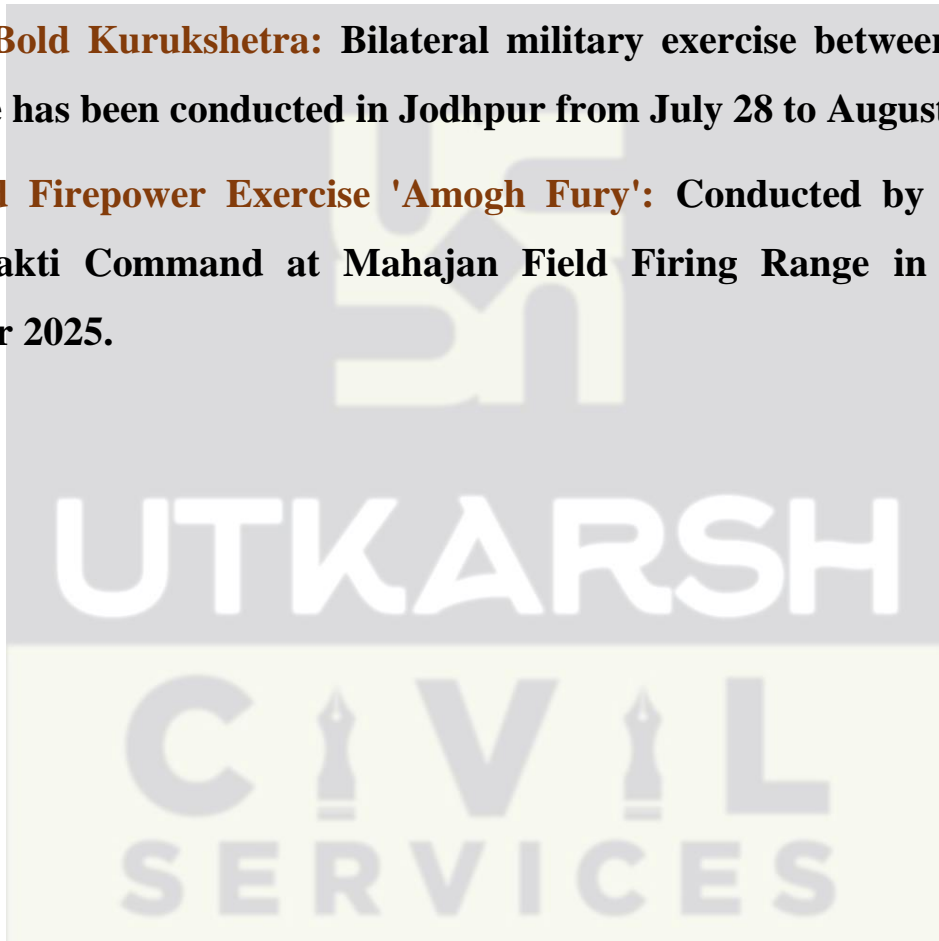
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Facts for Prelims:

Other military exercises conducted in Rajasthan:

- **Exercise Desert Hunt:** Conducted jointly by the Indian Army, Navy, and Air Force at Air Force Station Jodhpur from February 24 to 28, 2025.
- **Exercise Bold Kurukshetra:** Bilateral military exercise between India and Singapore has been conducted in Jodhpur from July 28 to August 4, 2025.
- **Integrated Firepower Exercise 'Amogh Fury':** Conducted by the Army's Sapta Shakti Command at Mahajan Field Firing Range in Bikaner in September 2025.



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Rajasthan Institute of Medical Sciences (RIMS), Jaipur



Why in News?

- Recently, a Memorandum of Understanding (MoU) was signed between the All India Institute of Medical Sciences (AIIMS), New Delhi, and the Department of Medical Education, Government of Rajasthan, for the establishment and operation of the Rajasthan Institute of Medical Sciences (RIMS), Jaipur.



Key Points:

- **Announcement:** The Rajasthan University of Health Sciences (RUHS) will be upgraded to RIMS in Jaipur, as announced in the 2024-25 state budget. The State Cancer Institute, Jaipur, is also proposed to be incorporated into RIMS.
- **Type of Institute:** RIMS will function as an autonomous institute and university, granting degrees, diplomas, and other academic accreditations under the National Medical Commission Act, 2019.
- **Budget Provision:** RIMS will function as an autonomous institute with a dedicated endowment. The state government proposes to spend ₹100 crore for the construction of RIMS infrastructure. A budget of ₹5 crore per year has been allocated for other expenses, which can be increased as needed.
- **Note:** On September 3, 2025, the Rajasthan Legislative Assembly passed the 'Rajasthan University of Health Sciences (Amendment) Bill, 2025' by voice vote.



NEWS IN SHORTS



S. No.	News
1.	<p>Rajasthan's First Sports University: Jaipur</p> <ul style="list-style-type: none">Recently, the Jaipur Development Authority (JDA) allotted land in Achrol (Jaipur) to the Sports Council of Rajasthan to establish the state's first sports university.In the state budget for 2024-25, the establishment of Maharana Pratap Sports University in Jaipur was announced to promote sports and physical education in the state, provide scientific training with modern equipments to talented youth, and prepare high-level coaches and sports experts in various sports.In this regard, the Rajasthan Cabinet approved the draft of 'The Maharana Pratap Sports University Jaipur Bill-2025' in September 2025.
2.	<p>Rajasthan's First Tertiary Treatment Plant: Pilot Project in Pushkar</p> <ul style="list-style-type: none">A pilot project for the state's first tertiary treatment plant will be implemented in Pushkar (Ajmer) to utilize treated waste water of sewage treatment plant wastewater in Rajasthan for agriculture and industrial purposes
3.	<p>Rajasthan Ranks First in the Country in e-Prosecution</p> <ul style="list-style-type: none">Rajasthan was recently honored by the Skoch Foundation for achieving the first position in the country in the field of e-prosecution.

- Rajasthan's prosecution department filed over 800,000 cases in 2024 and over 650,000 cases by August 2025, the highest in the country.
- e-prosecution is a digital platform that helps public prosecutors to digitally record, manage, and present criminal case proceedings, making the justice process faster, transparent, and efficient. It is part of the Interoperable Criminal Justice System (ICJS), which enables seamless data transfer between police, prosecutors, and courts.

4.

22nd Senior National Rollball Championship: Rajasthan Wins Silver Medal

- Recently, the Rajasthan Senior Women's Rollball Team won the silver medal at the 22nd Senior National Rollball Championship held in Indore.
- Final: Rajasthan vs. Uttar Pradesh.
- Semi-final: Rajasthan vs. Maharashtra.
- Event: October 3 to 6, 2025.

5.

Sanjay Veer and Dharmendra Meena: Senior Video Analysts at BCCI

- Recently, Sanjay Veer and Dharmendra Meena from Rajasthan became Senior Video Analysts in the Video Analyst Exam conducted by the Board of Control for Cricket in India (BCCI) in Ahmedabad.

6.

Kendriya Vidyalayas (KVs) in Sirohi and Didwana

- Recently, the Cabinet Committee on Economic Affairs (CCEA) chaired by the Prime Minister approved the opening of 57 new Kendriya Vidyalayas (KVs) across the country. Of these 57 schools, two will be opened in Sirohi and Didwana.

7.

7th National Wheelchair Rugby Championship: Rajasthan Wins Silver Medal

- Rajasthan won the silver medal in the 7th National Wheelchair Rugby Championship 2025 held in Gwalior.
- Event: October 3-5, 2025
- Final: Odisha vs. Rajasthan.





Kharkiv and Poltava Regions



Why in News?

- Recently, Russia launched large-scale attacks on Ukrainian gas sites in the Kharkiv and Poltava regions.



Key Points:

- Other regions, such as Donetsk, Luhansk, Sumy, Kherson, Mykolaiv, Dnipro, Zaporizhzhia, and Chernihiv, were also affected.
 - Zaporizhzhia is a region of particular concern because it is the site of a nuclear power plant.

Madagascar Appoints New Prime Minister

- Madagascar President Andry Rajoelina appointed Rupin Fortunat Zafisambo as Prime Minister after weeks of anti-government protests.



SCIENCE & TECHNOLOGY

AstroSat

Why in News?

- India's first space observatory, AstroSat, completes 10 years.

It was launch and Mission Life

- Launched on September 28, 2015, by a PSLV-C30(XL) rocket from the Satish Dhawan Space Centre, Sriharikota.
- Originally designed for a mission life of five years, it is still operational a decade later.

Scientific Contributions

- AstroSat is a multi-wavelength space observatory with five payloads.
- **Important Discoveries:**
 - Observations ranging from black holes to neutron stars.
 - First detection of FUV photons from galaxies 9.3 billion light-years away.
 - Information across the electromagnetic spectrum, from UV/visible to high-energy X-rays.



ECONOMIC SCENARIO



World Bank Cuts India's GDP Growth Projection

- The World Bank cut India's GDP growth forecast for 2026-27 by 20 basis points to 6.3%.
- The forecast for 2025-26 is 6.5%, which is lower than the RBI's projections.
- This cut was made due to US tariff policies, especially stressing on the risks of a 50% tariff.

Indian Government's Reform Efforts:

- The Indian government has initiated several reforms, such as reducing income tax rates, labor market reforms and regulatory policy flexibility, and reducing GST rates.
- Measures such as the National Clean Air Program (NCAP), bureaucratic reforms, and controlling inflation have been implemented.

Economic Risks and External Pressures:

- The global recession and the US 50% tariff are identified as key external risks for India.
- The need to simplify exports and imports to boost the Indian manufacturing sector was stressed.



INDEXES AND REPORTS



The State of Social Justice: A Work in Progress Report

- The International Labour Organization (ILO) released The State of Social Justice: A Work in Progress Report.
- This report also marks the 30th anniversary of the 1995 Copenhagen Social Development Summit.

Key Points of the Report

- **Progress:** Extreme poverty in the world has declined from 39% to 10%.
 - For the first time, more than 50% of the world's population will be covered under some form of social protection scheme by 2023.
- **Shortcomings:** Progress towards reducing inequality has stalled.
 - 71% of a person's income depends solely on the circumstances of their birth (e.g., family, country, social status, etc.).
- Public trust in institutions has been steadily declining worldwide since 1982.
- **Risks:** If governments do not make timely and policy-driven interventions, profound challenges such as environmental, digital, and demographic changes will lead to a dramatic decline. Social changes can further increase inequality.

Social Justice:

- **Definition:** The objective of social justice is to ensure that every person has the right to material prosperity and spiritual development in an environment of freedom, dignity, economic stability, and equal opportunities.
- **Pillars:** The International Labour Organization's (ILO) concept of social justice is based on four main pillars:
 - Fundamental human rights and capabilities
 - Equal access to opportunities
 - Fair distribution
 - Just transition.

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NEWS IN SHORTS



S. No.	News
1.	<p>Typhoon Matmo</p> <ul style="list-style-type: none">China's Yunnan and Guangdong provinces were affected by Typhoon Matmo. A typhoon is a tropical cyclone that forms in the western Pacific Ocean.
2.	<p>Al-Hol</p> <ul style="list-style-type: none">Recently, the Iraqi government, with technical assistance from the United Nations Office for Counter-Terrorism (UNOCT), held a high-level international conference on the repatriation of individuals from Al-Hol.Al-Hol is a refugee camp located in northeastern Syria. It houses Syrian and Iraqi refugees and individuals from other countries.
3.	<p>Securities Transaction Tax</p> <ul style="list-style-type: none">The Supreme Court agreed to examine the constitutional validity of the Securities Transaction Tax. <p>Securities Transaction Tax:</p> <ul style="list-style-type: none">It is a direct tax levied on the purchase and sale of securities through a recognized stock exchange. It was implemented under the Finance Act, 2004.Objective: To prevent tax evasion in the securities market.