

NATIONAL

1. Heatwave deaths (Heat stroke)

Why in news - Central teams rushed to the affected states to guide the governments.

Key Points –

- Heat exhaustion –
 - a) Body sweats excessively to keep the core temperature low.
 - b) Feeling drained and tired after stepping out on an extremely hot day.
- Heatstroke –
 - a) Temperature is so high (up to 400 C) that the body is unable to sweat to regulate the core temperature.
 - b) It leads to a severe imbalance of salts such as sodium and potassium in the body.
 - c) High core temperature coupled with salt imbalances disrupts organs including brain, kidney and liver.

About heatwave –

- A period of abnormally high temperature that occurs during the summer season (March and June) in the North-Western parts of India.
- Criteria for Heat Waves - maximum temperature of a station reaches at least 40°C for Plains and at least 30°C for Hilly regions.
- Based on Departure from Normal –
 - a) Heat Wave: Departure from normal is 4.50 C to 6.40 C.
 - b) Severe Heat Wave: Departure from normal is >6.40C.
- Based on Actual Maximum Temperature –
 - a) Heat Wave: When actual maximum temperature ≥ 450 C.
 - b) Severe Heat Wave: When actual maximum temperature ≥ 470 C.
- For coastal areas – maximum temperature departure is 4.50 C or more from normal or 370C or more.
- If above criteria met at least in 2 stations in a Meteorological sub-division for at least two consecutive days and it is declared on the second day.

Heat wave Scenario	40°C	30°C	
Maximum Temperature	Plains	Hills	
Heat wave conditions prevail when...	Severe heat wave conditions prevail when....		
Normal maximum temperature	Deviation from normal	Normal maximum temperature	Deviation from normal
Above	4-5°C or more	Above	6°C or more
40°C	4-5°C or more	40°C	6°C or more
At or below	5-6°C or more	At or below	7°C or more
40°C	5-6°C or more	40°C	7°C or more

2. IndiGo's mega aircraft order

Why in news – IndiGo placed a mega aircraft order for 500 Airbus A320neo family planes at the Paris Air Show.

Key Points –

- Largest-ever order placed by an airline in one go (in terms of the number of aircraft ordered). (Air India's February order - 470 Airbus and Boeing aircraft).
- Order value - over \$50 billion.
- IndiGo has a market share (by passengers carried) of over 60%.
- India's aviation market is the third-largest globally.

INTERNATIONAL

1. PM Modi's state visit to USA

Why in news - PM Narendra Modi made a state visit to the United States from 21 June to 24 June, 2023.

Key Points –

- This is PM Modi's first state visit to the USA.

About State visit –

- Highest-ranked category of foreign visits to the US.
- Head of state visits the US on the formal invitation of the US President.
- It signifies that the US considers the guest nation an important friend and ally.
- Special features - state dinner, 21-gun salute and stay at the Blair House (US President's guesthouse).

- Previous state visits by Indian leaders to the US - Sarvepalli Radhakrishnan (1963) and Manmohan Singh (2009).

2. Titanic tourist submersible

Why in news - Deep-diving submersible Titan went missing in the area of the Titanic wreck in the North Atlantic Ocean.

Key Points –

- The Titanic lies in about 14,000 feet of water in the North Atlantic, 370 miles south of Newfoundland, Canada.
- Pinger - an acoustic device that emits sounds that can be detected underwater by rescuers.
- Titan is operated by OceanGate.

Value Addition -

- Deep sea divers use a mixture of helium and oxygen for breathing.
- CURV-21 - remote-operated underwater vehicles by U.S. Navy.
- Difference between submersible and submarine - Submersible does not function as an autonomous craft. It relies on a support platform to deploy and return.

GOVERNMENT SCHEMES

1. “Dakshta” Course

Why in news - The Indian government has launched a new online course called “Dakshta” on the iGOTKarmayogi platform.

Key Points –

- Dakshta - Development of Attitude, Knowledge, Skill for Holistic Transformation in Administration.
- Aim - to upskill young professionals in various domains to enhance their effectiveness in government roles.
- It brings together 6 functional hubs.
- It consists of 18 courses tailored specifically for young professionals.
- The iGOTKarmayogi platform guide government officials in capacity-building and professional development.

SUMMITS & CONFERENCES

1. Bonn Climate Change Conference (SB58)

Why in news - The Bonn climate change conference was held at the World Convention Center in Bonn, Germany.

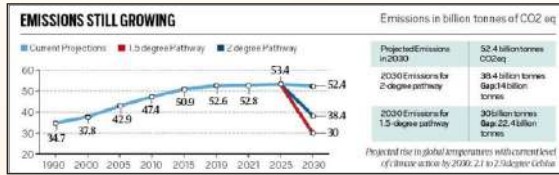
Key Points –

- The 3rd and final round of technical discussions on global stocktake (GST) was held.
- **Global stocktake –**
 - a) Mandated by the 2015 Paris Agreement (Article 14) - must be conducted every five years, starting in 2023.
 - b) Aim - to assess the progress in the fight against climate change.

Value Addition –

- **Annex I countries –**
 - a) Mentioned in Annexure I of the 1992 UN Framework Convention on Climate Change (UNFCCC).
 - b) A group of about 40 rich and industrialised countries.
- **Historical responsibility –**
 - a) Bulk of the accumulated greenhouse gas emissions (global warming) have come from Annex I countries.
 - b) Differentiated burden-sharing on developed and developing countries in the climate change framework.
- **Role of non-Annex I countries in global warming Since 1992 –**
 - a) About 57% of CO₂ emissions had come from non-Annex I countries.
 - b) 70% of the incremental warming due to CO₂, methane and sulphur dioxide had come from non-Annex I countries.
- **Mitigation Work Programme (MWP) –**
 - a) Set up at COP26 in Glasgow in 2021.
 - b) A temporary emergency exercise focused only on increasing emission cuts.
- **Climate funding –**
 - a) Developing countries need US\$ 6 trillion till 2030 to implement their climate action plans.

- b) Loss and damage of developing countries every year - US\$ 400 billion.
- c) Under Green Climate Fund, developed nations committed \$100 billion every year by 2020.



ENVIRONMENT

1. LEED Zero green certification initiative

Why in news - India ranked first globally in LEED Zero certified green building projects.

Key Points –

- India has 73 LEED Zero certified projects.
- **Leaders –**
 - a) Company - DLF (realty firm) and ITC (FMCG player).
 - b) States - Haryana and Tamil Nadu.
- It recognizes projects that have reached net zero or net positive status in the categories of carbon, energy, water, or waste.
- Other top performers –US (2nd) and China (3rd).
- Published by - US Green Building Council (USGBC) and Green Business Certification Inc (GBCI).

SCIENCE – TECH

1. Indian Languages Programme

Why in news -Google launched Indian Languages Program to support local language publishers in India.

Key Points –

- Launched by - Google News Initiative (GNI).
- Support is being provided for a total of 9 languages i.e., English, Hindi, Kannada, Tamil, Telugu, Bengali, Malayalam, Gujarati, and Marathi.

IMPORTANT DAYS

1. 9th International Yoga Day 2023

Why in news - Since 2015, June 21 has been celebrated as International Yoga Day.

Key Points –

- Theme - Yoga for VasudhaivaKutumbakam.
- National celebration of Yoga day – Jabalpur (Madhya Pradesh). Led BY Vice-President Jagdeep Dhankhar.
- PM Narendra Modi led a yoga class for the first time at the United Nations Headquarters on June 21, 2023.
- Rajnath Singh joined Navy personnel on board INS Vikrant to participate in the yoga celebrations.
- December 11, 2014 - The UN proclaimed June 21 as International Day of Yoga during the 69th session of the General Assembly.

Value Addition –

Yoga school –

- Part of orthodox school of Indian philosophy.
- Founder - Sage Patanjali.
- Literal meaning - Union of two major entities (physical and mental discipline).
- Yogasutra of Patanjali (2nd century BCE) explains the origins of Yoga and the school.
- Early references to Yoga philosophy - Brihadaranyaka Upanishad (the oldest Upanishad), Chandogya Upanishad, Katha Upanishad etc.
- YOGA School is closely related to Samkhya school.
- Path to moksha- systematic techniques and practices, or personal experimentation, combined with Samkhya's approach to knowledge.

SPORTS

1. Asian Fencing Championships

Why in news - Olympian C A Bhavani Devi scripted history by winning bronze at the Asian Fencing Championships.



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Key Points –

- She won bronze after losing to Uzbekistan's Zaynab Dayibekova.
- Venue - Wuxi, China.
- Bhavani Devi was the first Indian fencer to qualify for the Olympics (Tokyo Games).

BIHAR

1. Viraat Ramayan temple

Why in news - Work on the "world's largest Ramayan temple" began in East Champaran district in Bihar on June 20, 2023.

Key Points –

- Secretary of the Patna-based Mahavir Temple Trust Acharya Kishor Kunal, along with former Chief Justice of the Rajasthan High Court Justice S. N. Jha and others, laid the foundation stone.
- The 3--storey Viraat Ramayan temple would be completed by the end of 2025.
- Estimated cost – Rs 500 crore.
- Location - Kaithwalia-Bahuara villages (area - 3.76 lakh sq. ft).
- Temple specification - 12 domes, 2,800 feet in length, 1,400 feet in width and 405 feet in height.

PATNA CENTRE: NEW BPSC BATCHE STARTING FROM 28TH JULY 2023 TIMING 4:00PM - 07:00 PM (HINDI MEDIUM) AND 12TH JULY 2023 (TIMING 4:00 PM - 7:00 PM (ENGLISH MEDIUM))

DELHI CENTRE: NEW BPSC BATCHE STARTING FROM 5TH JULY 2023 TIMING 8:00AM - 12:00 PM (HINDI MEDIUM) AND 12TH JULY 2023 (TIMING 4:00 PM - 8:00 PM (ENGLISH MEDIUM))



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➤ CURRENT AFFAIRS ONE LINERS ◀

- Which has bagged the first rank in the 4th National Water Awards in the Best Industry category - **NTPC Barauni.**
- Which country has launched 41 satellites into space in a single mission – **China.**
- Union Minister Mahendra Nath Pandey has launched the "Dugdhanakalan Saathi Mobile" App in which state - **Uttarakhand (Mussoorie).**
- What percent increase has been recorded in the Gross Direct Tax Collection for the financial year 2023-24 so far - **12.73 percent.**
- India gifted the indigenously built in-service missile corvette INS Kirpan to which country – **Vietnam.**
- Who has built the 'Solar Ultraviolet Imaging Telescope' - Pune's Inter-**University Center for Astronomy and Astrophysics (IUCAA).**
- Which state government has launched Griha Jyoti Yojana – **Karnataka.**
- In which state the National Yoga Olympiad is being organized - **Madhya Pradesh.**
- NTPC Power Trading Corporation has launched the first solar rooftop project in which IIT - **IIT Jodhpur.**
- As per the recent reports Jan Aushadhi Yojana has helped citizens to save approximately how many thousand crore rupees - **Rs 20,000 crore.**

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