



SSC



December 2023 Current Affairs

Class Notes

By: Parmarv Sir

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→ Hindi writer Sanjeev and English author Neelum Saran Gaur recipient of **Sahitya Akademi Awards 2023**

→ Highest literary award of India (books)

Given in 24 languages

• 8th schedule → 22 languages (earlier 14 languages)

2 other languages: English and Rajasthani

• 1st Sahitya Akademi Award: 1954

Sanjeev for: मुझे पहचानो

Neelum Saran for: Requiem in Raga Janki

→ **ISRO** bags Leif Erickson Lunar Prize 2023 in Iceland → Award given for exploration

• Estd. on: 15 Aug 1969

• Chief: S Somnath

→ Landing will be celebrated as **National Space Day**

• For **Chandrayaan 3** mission (Lunar Mission)

• Start Date: 14 July 2023

• Orbital insertion: 5 Aug 2023

• Lander: Vikram

• Rover: Pragyan

• Meaning: X-ray Polarimeter Satellite

• Also, India/Asia's 1st polarimeter mission and World's 2nd polarimeter mission

• 1st polarimeter mission in 2021 by NASA

→ ISRO set to launch **PSLV-C58** with **XPoSAT** on 1st Jan

→ Satellite

• Launch vehicle: Polar Satellite Launch Vehicle (used when a satellite is supposed to be placed in low earth orbit)

• To study X-rays in Universe

• X-ray discovered by: William Roentgen

Electromagnetic spectrum

R M I V U X G

• Decreasing λ (Wavelength)

• Increasing frequency



→ ISRO launched a new indigenous 'Feast' Software

- Full form: Finite Element Analysis of Structure
 - Analysis of finite elements
- Developed by Vikram Sarabhai Space Centre

→ Sukrita Paul Kumar wins Rabindranath Tagore Literary Prize for her novel "Salt and Pepper"

→ Vita Adani creates history as the first Indian Board member of International Table Tennis Headquarter (ITTF)

HQ: Lausanne, Switzerland

→ Lok Sabha passes 3 new Bills to replace British-era Criminal Laws

→ Indian Penal Code (in 1860 by Thomas Babington Macaulay) replaced with Bhartiya Nyay Sanhita Bill 2023

Chairman of India's 1st law commission

→ Criminal Procedure Code (1973) replaced with Bhartiya Nagarik Suraksha Sanhita

→ Indian Evidence Act (1872) replaced with Bhartiya Sakshya Bill

→ The man who saved "Vikrant" in 1971 receives Vir Chakra

INS Vikrant

Benoy Roychowdhury

During 1971 war with Pakistan

• INS Shivaji → Dinesh Prabhakar (Distinguished Chair at INS Shivaji)

→ Hardik Singh and Savita Punia won the Best Goalkeeper of the Year Award by FIH

Vice Captain of Indian Hockey Team

Goalkeeper of Indian team

→ 26 Sports Person short listed for the 2023 Arjuna Award (one of them is Mohammed Shami)

1st award in: 1961

→ Major Dhyani Chand Khel Ratna Award to: Badminton players – Satwiksairaj Rankedy and Chirag Shetty on 26 Jan 2024

Earlier known as: Rajiv Gandhi Khel Ratna Award

1st recipient: Viswanathan Anand

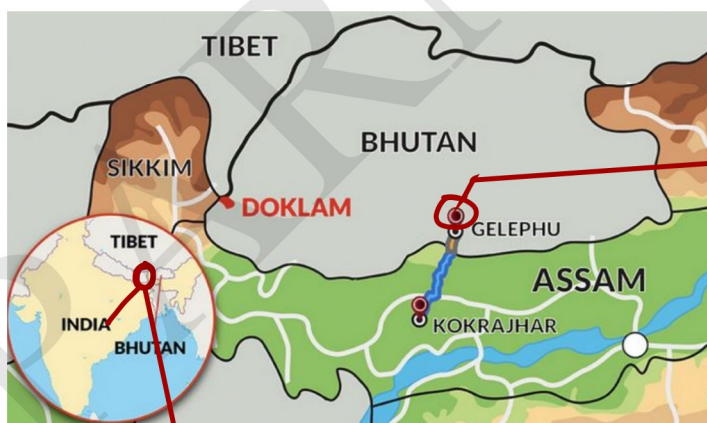
→ 1st recipient of Dronacharya Award: 1985

- Wrestling: Balchandra Bhaskar Bhagwat
- Boxing: Om Prakash Bhardwaj

→ Mary Erps (goalkeeper of English Football Team) wins BBC Sports Personality Award 2023

→ Bhutan unveils Gelephu City Project

Namgyel Wangchuk announced to develop a smart city "Gelephu" which is an international city near border of Assam to connect Bhutan with Southeast Asia via India's northeastern States



In Dzikongkhag district

Chicken neck Corridor

→ Bhutan's King Namgyel Wangchuk has honoured prestigious National Order of Merit Gold Medal to Poonam Khetrapal (IAS Officer and at present Regional Director of WHO's South East Asia)



→ UN declares 2024 as the International Year of **Camelids**

Variety of camels that live in high altitude

→ 2023 year: International year of Millets (Shri Ann)

→ France (womens) wins 26th World Handball Championship 2023 by defeating Norway

→ Mitchell Starc—the most expensive player of IPL 2023 → Sold to Kolkata Knight Riders at Rs 24.75 Crores

→ Pat Cummins sold to Hyderabad Sunrisers at Rs 20.5 Crores

→ India tops the Global **Remittance** Chart by World Bank
→ Meaning: the sending of money to a recipient who lives abroad

2nd: Mexico
3rd: China

Leading Source of remittance: USA

→ Post Office Bill of 2023 by Parliament to replace 125-year-old Indian Post Office Act 1898

→ The 1st Khelo India Para Games organised by New Delhi: 10–17 Dec

3 Venues:

- Mascot: Ujjwala (Sparrow)
- Top: Haryana
- 2nd: Uttar Pradesh

- Indira Gandhi Stadium
- Jawaharlal Nehru Stadium
- Karni Singh Stadium

→ Haryana bags it's 1st Vizare Hazare Trophy (Cricket) by defeating Rajasthan by 30 runs

→ Sourav Kothari clinches Maiden Senior National Snooker Title (1st National snooker championship)

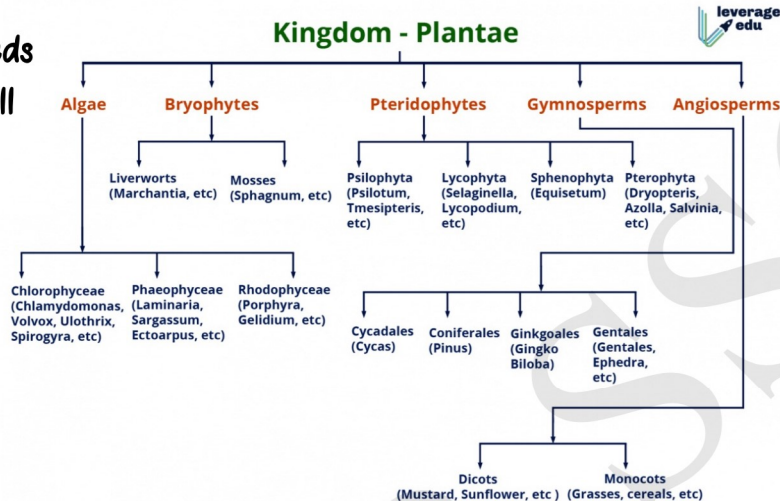
→ World's largest workspace surpassing US Pentagon inaugurated by Modi → Surat Diamond Bourse

In Surat Khajod village

→ Uttarakhand launches country's first **Gymnosperm** Garden

Whittaker in 1969 gave 5 kingdom Classification

That bear naked seeds
Eg: Deodar, Pines (all conifers)



→ Visionary Leader Icon Award 2023 to Dr Srinivas Naik Dharavath

→ Indian Airforce conducts **SAMAR** air-defence system

SAMAR: Surface to Air
Missile for Assured
Retaliation (short range
missile)

Excise Astra Shakti in Suryalanka,
Andhra Pradesh where SAMAR air-
defence was developed

→ Emmanuel Macron (President of France) to be Chief Guest of India's 75th Republic Day
India and France completed 25 yrs of strategic
relationship

→ **Angola** has quit membership of **OPEC** (Organization of Petroleum Exporting Countries)

Western African country
Capital: Luanda

• Estd. in 1960

• HQ: Vienna, Austria (not member of
OPEC)

• 14 members



→ Gukesh (Chess Grandmaster) wins Chennai Grand Master 2023 beating Arjun Eriga

→ "Veera Mangal" launched as the official mascot of Khelo India Youth Games 2023 will be held in January in Tamil Nadu

4 locations:

- Chennai
- Madurai
- Coimbatore
- Trichy

→ Ola launches India's first own AI "Krutrim"

• ChatGPT full form: Generative Pre Trained Transformer

→ 13 states, UTs among "achievers" in Logistics Performance Index

↳ Commerce and Industry Minister Piyush Goyal has launched LEADS (Logistics Ease Across Different State) Report 2023

3 categories (States and UTs):

- Achievers
- Fast movers
- Aspirers

• Logistic Performance Index Report by World Bank

→ Rijul Maini bagged Miss India USA Crown 2023

→ Novak Djokovic (Tennis player of Serbia) and Aryna Sabalenka (Tennis player of Belarus) has won International Tennis Federation World Championship 2023

→ Indian Armed Forces awarded Golden Owl awarded by Sri Lankan DSCSC

→ NEW Delhi Declaration adopted by Global Partnership on Artificial Intelligence Summit 2023



- Minamata Convention: to limit Mercury poisoning → Japan
- Montreal Protocol (1987): to limit Ozone depletion → CFCs

→ Montreal, Canada

→ Later Amendment: Kigali Amendment → HFCs

- Bonn Convention: regarding migratory species

→ Indira Gandhi Peace Prize 2023 to Daniel Barenboim and Ali Abu Awwad

→ Human Rights Activists of Palestine

→ IPL turns into Decacorn (\$10 billion)

- Unicorn (turn over value over \$1 billion)

→ Maharashtra Legislative Council passes Lokayukta Bill → Of 2013

- Lokpal: for centre

- Lokayukta: for every State

} Anti-corruption officers

→ Ombudsman (started in Switzerland)

- First state to implement Lokpal and Lokayukta but made mandatory in 2013

- 1st Lokpal: Pinaki Chandra Ghosh

→ DRDO successfully tests high-speed flying wing UAV (Unarmed Vehicle) in Chitradurga, Karnataka

→ Indigenously developed

Estd.: 1958

President: S V Kamat

→ Antim Pangal- the "Rising Star of the Year" from Wrestling

→ India's fastest solar electric boat launched → Name: Barracuda launched in Alappuzha, Kerala

→ Venice of East

→ Rice bowl of Kerala

→ Player category

→ Leander Paes and Vijay Amritraj: first Asian in International Tennis Hall of Fame

→ In contributor category: Photographer



→ India, US, and South Korea set to establish 'trilateral technology dialogue'

↓
To counter China in technology

• QUAD: India, USA, Japan, Australia → 2+2 dialogue with India where Defence Minister and External Affairs Minister meets

→ Children of Narges Mohammadi received Nobel Prize in Peace Category (Iran's Human Rights Activists)

→ Captain Fatima becomes first women Medical Officer to be deployed at Siachen Glacier

→ India's first Regional Rapid Transit System (RRTS) → Project Namoo Bharat being constructed between Delhi and Meerut

→ Vajra Prahar: joint military exercise between India and USA in Bakloh, Himachal Pradesh

→ 2023 UN Climate Change Conference COP28 President is Sultan Ahmed Al Jaber

↓
• Conference of Parties

• Climate Change organized by UNFCCC

Organized in UAE

• COP29: Baku, Azerbaijan

• COP30: Brazil

→ Donald Tusk- the new PM of Poland

→ SBI signs 70 billion loan for Solar PV Projects with KfW (German Developed Bank)

→ Mumbai Professor Savita Ladage bags Royal Society of Chemistry's Nyholm Prize

→ Noah Lyles and Faith Kipyegon wins Best Track Athletes 2023



Male category



Female category



→ Indian Navy re-inducts INS Tarmugli (fast attack craft to be used for surveillance) commissioned at Vishakhapatnam

→ Vienna tops the Quality of Living City Ranking 2023 → Mercer cities

• In India, Hyderabad tops with rank 163

• Pune

Bangalore

→ Archery- Parneet Kaur and Prathmesh Jawkar clinched gold in Taipei Open

→ Kenya has removed the VISA requirements for international visitors

→ First Global Stocktake adopted in COP28

→ To progress the targets setup by COP21 (2015, in Paris) → National Determined Contributions

→ UNNATI (non-profit organization)- first to list on Social Stock Exchange

→ NASA set to launch 2024 PACE Mission

→ P: Plankton

A: Aerosol

C: Cloud

E: Ocean

Ecosystem

Shows Tyndall Effect

Colloids

Dispersal medium: Solid
Dispersing medium: Liquid

• Tyndall Effect not shown by Homogeneous mixture (particle size $< 1 \text{ nm}$)

→ Royal Bengal Tiger spotted at Pangolakha Wildlife Sanctuary in Sikkim

→ Endangered category in IUCN List

HQ: Gland, Switzerland

This state has Kanchenjunga National Park



→ New Zealand scrapped world's first smoking "generation ban" to fund tax cuts

→ Mahe, Malvan and Mangrol are the three Anti-Submarine Warships

→ Punjab clinched the title of 13th Senior National Men's Hockey Championships by defeating Haryana

→ Union Cabinet has approved Central Sector Scheme for providing drones to SHGs

Major fund by Govt.

Central Sector: majorly funded by State and minor by Centre

Self Help Groups

Agriculture

10-20 members

→ Tushar Shelke and Sangeeta are related to: Archery

• Both has won in Recurve men and Recurve women category in National Archery Championship

→ Angadvir Singh Bajwa and Ganemat Sekhon are related to shooting

Won Gold in Shooting Worldcup at Karni Singh Stadium

→ Kanatara film received the special Jury or Special Peacock Award at the 54th International Film Festival of India held at Goa

→ Lalithambika, former Director of DRDO, awarded with Legion d' Honneur of France

For making coordination between space agency of France and India

→ World's AIDS Day: 1st Dec → Theme: Let Communities Lead

Acquired Immuno Deficiency Syndrome

• AIDS Test to detect the disease: ELISA Test

→ India aims to reach 500 GW non-fossil energy capacity by 2030 made at COP26

→ PM Garib Kalyan Anna Yojana extended till 2028 (started during COVID for relief work)

↳ 5kg Anna is provided

PDS: Public Distribution Scheme

→ Falkland camp is located in Mizoram

→ Indian activists Safeena Hussain awarded WISE Prize for her work in Girl's education

→ Indian Navy to conduct Milan-2024 exercise in Visakhapatnam Deploying INS Vikrant and NS Vikramaditya

→ INS Sandhayak- largest survey vessel built in India - delivered to Indian Navy

↳ Built by: Garden Reach Shipbuilders and Engineers

→ NITI AAYOG releases 'Composite Water Management Index' in India

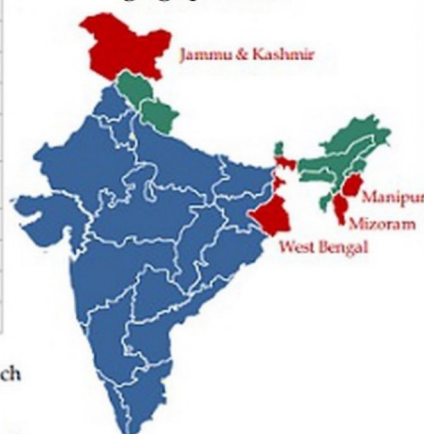
↳ Executive body

The Index comprises of 9 themes, and covers 25 states and 2 UTs

CWMI themes and weights

	Sectors	Weights
1	Source augmentation and restoration of waterbodies	5
2	Source augmentation (Groundwater)	15
3	Major and medium irrigation—Supply side management	15
4	Watershed development—Supply side management	10
5	Participatory irrigation practices—Demand side management	10
6	Sustainable on-farm water use practices—Demand side management	10
7	Rural drinking Water	10
8	Urban water supply & sanitation	10
9	Policy and governance	15
	Total	100

Classification of states to account for different hydrological conditions and geographical area

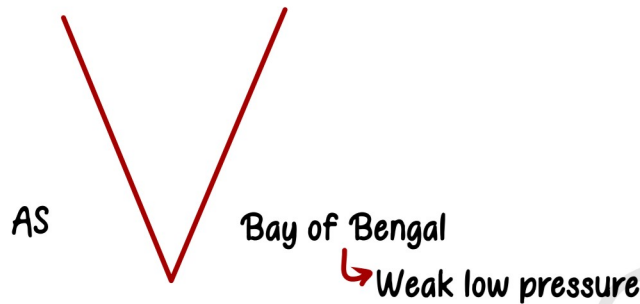


The nine themes are further sub-divided into 28 indicators which account for equal weightages within respective themes

Groundwater augmentation, major and medium irrigation, and policy & governance remain themes with highest weightages — given the growing groundwater crisis, India's low irrigation utilization, and the importance of effective policy frameworks

■ Non-Himalayan states
■ North-Eastern & Himalayan states
■ Union Territories
■ No data available

→ Cyclone Michaung, named by Myanmar, hits Bay of Bengal, India



- Eye is the central part of Cyclone
- Calm region where clouds don't develop
- In Australia it is known as Willy Willy
- In South China Sea, it is known as Typhoon
- In Eastern Pacific known as Hurricane

→ World's first portable disaster hospital unveiled in India, under BHISHM Project

→ World Digital Competitiveness Ranking 2023

India's rank: 49

Top: USA

→ Published by International Institute for Management Development

→ Suresh Raina has been appointed as the youth voter awareness ambassador for Jammu and Kashmir

→ On the occasion of International Day of Persons with Disability on 3rd Dec, iGOT Karmayogi Platform was launched by Government officials

→ **JT-60SA** - Joint initiative between Japan and European Union is the world's largest and most advanced fusion reactor → Japan Taurus 60 Super Advanced

→ Agni-1: short range ballistic missile tested from APJ Abdul Kalam Island (Odisha)

→ Range: 700-1200 km

It is also a Ballistic missile

→ International Food Convention, IFCON-2023 Host is Mysuru (Karnataka)

→ Garba is a traditional dance of Gujarat, included in the list of Intangible Cultural Heritage by UNESCO

Other dances:
Dandiya, Shalmaji

→ Ministry of Ports, Shipping, and Waterways launched "Harit Sagar Guidelines"

• Aims to reduce carbon intensity at all major ports

Major ports: 13

• Minor ports: 200

• Deepest landlocked: Visakhapatnam

• Largest container port: Mumbai

• Artificial port: Jawaharlal Nehru Port Trust also known as "Nhava Sheva"

• Tidal port: Kandla (also known as Deen Dayal Port)

• Riverine port: Haldia Port

• Private port: Kamarajkar (also known as Ennore Port, Tamil Nadu)

→ Mount Merapi is located in Indonesia

Reason?

• Falls under Pacific ring of fire

• Highest volcano in the world: Ojas del Salado (Chile and Argentina border)

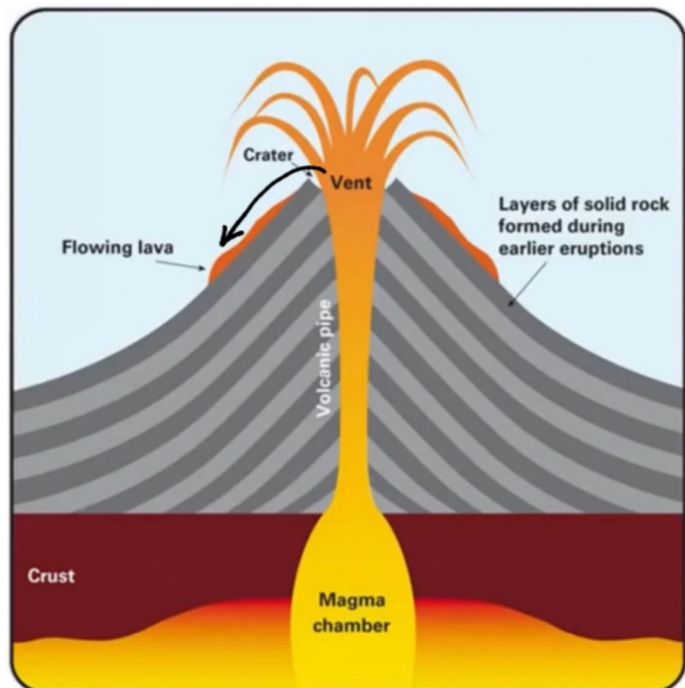
→ Lighthouse of Mediterranean: Mt. Stromboli

• India volcanoes:

→ Active: Barren

→ Dormant: Narcondam

} Andaman and
Nicobar





→ Jude Bellingham- Golden Boy Award, Kopa Trophy (related to football)

↳ Under 21

→ Athlete of the Year 2023: Lionel Messi

→ Maha Laxmi Scheme of Telangana aims to provide free travel to women in buses

→ Tshering Tashi of Bhutan was conferred with the Sahitya Akademi's Premchand Fellowship

→ Nirmala Sitharaman in Forbes (32nd rank) list of 100 most powerful women in 2023

Others:

- Roshini Nadar (HCL CEO)
- Soma Mandal (SAIL 1st women chairman)
- Kiran Mazumdar Shaw (Biocon's CEO)

→ Taylor Swift- Person of the Year by Time Magazine (also 1st singer to become Billionaire)

→ Italy withdraws from Belt and Road Initiative of China (opposed by India)

→ Ashwini Ponnappa and Tanisha Crasto are related to Badminton → Won Guwahati Masters Championship

→ VINBAX-23 is a military exercise between Armies of India and Vietnam conducted in Hanoi (Capital of Vietnam)

→ Steel Slag-based road constructed in Gujarat

→ Houthi (rebel group of Yemen) attacks in Red Sea

- Strait of Hormuz: connects Persian Gulf to Gulf of Oman
- Bosphorus Strait: connects Black Sea with Sea of Marmara
- Kerch Strait: connects Black Sea with Sea of Azov
- Gibraltar: connects Mediterranean Sea with Atlantic Ocean



→ Indian Navy has commissioned INS Imphal

- 1st: INS Vishakhapatnam
- 2nd: INS Mormugao
- 3rd: INS Imphal
- 4th: INS Surat

→ Sheikh Mishal: Kuwait's new Emir (new ruler)

→ 1st state to live stream district and Tehsil court is Madhya Pradesh

→ UNESCO recognises Kempegowda T2 as one of the "World's most beautiful airports"

→ First Cyber Security Center opened in Chandigarh

→ Viswa Bharti researchers name a bacteria after Rabindranath Tagore

- Declared as first Living Heritage University by UNESCO

→ Good bacteria that will help in agriculture

- Name kept: Pantoea tagorei

Why?

- Because **Rabindranath Tagore** founder of Viswa Bharti University in 1921

→ 1943: first person to win Nobel Prize for his novel "Gitanjali"

→ 1st Indian women to get novel: Mother Teresa

→ Investigation in 75 days (after FIR is lodged): New target by Bihar Police

→ Guru Nanak Dev University wins Maulana Abul Kalam Azad Trophy 2023

↓
Amritsar

↓
For Inter State University Competition



→ Deepika Padukone: the first Global Brand Ambassador of Bisleri

→ Manchester City, the winner of 2023 FIFA Club World Cup

- 1st English team to win by beating Fluminense FC

→ 1st Divyang Khel Puraskar won by Sumit Antil and Sheetal Devi (in New Delhi)

Javelin thrower

Archery

→ Pramod Agarwal to take in charge as Bombay Stock Exchange's new chairman

Setup in: 1875

- Announced by SEBI
- Set up: 1988
- SEBI Act 1992 recognises
- SEBI as Statutory body
- Chairman: Madhabi Puri Buch → First non-IAS chairman

→ Indian Blind Chess Team- the winner of Major Dhyanchand Team of the Year

HQ: Cologny-Geneva, Switzerland

→ The World Economic Forum meeting in Davos to see a delegation from the Uttar Pradesh government (investment showcase)

→ 25 Dec will be celebrated as Tabla Day

→ Birth Anniversary of Tansen

Why?

• Original name: Ram Tanu Pandey

• Birth: Gwalior

• Served under: Tomar Dynasty King

• Navarathna of Akbar

• Gharana: Gwalior

• Composed "Dhrupads" for God

• "Miya" title by Akbar

• 1300 people played Vande Mataram in Tabla at Gwalior Fort (Guinness Book of World Record)



→ "Four Stars of Destiny" an autobiography by M M Naravane (previous Army Chief)

→ "Why Bharat Matters" by Jai Shankar- first copy gifted to Modi

→ Badminton: Anmol Kharb (women category) and Chirag Sen (male category) crowned National Champions

→ Japan University honoured Maharashtra CM Devendra Fadnavis with a doctorate

→ Why?

- 2015: he inaugurated a statue of B R Ambedkar at Koyasan University

→ India to acquire 5 lithium blocks in Argentina

- White gold
- Alkali metal (1st group)
- Atomic number (Z): 3
- Valence electrons: 1

→ 2, 1

→ CM Yogi has started first intra-district chopper service in UP from Bateshwar (Agra) to Govardhan (Mathura)

↓
Associated with
God Shiva

→ Israeli film wins Golden Royal Bengal Tiger Award

→ New Tortoise Sanctuary soon to be open in banks of Ganga

→ Ayodhya Airport renamed as "Maharishi Valmiki International Airport"

- Ayodhya Railway renamed as "Ayodhya Dham junction"

→ Amrit Bharat Express set to be inaugurated by Modi (sleeper edition of Vande Bharat Express)

→ India's largest "Petro Capital" city is Gujarat

- World's largest refinery: Jamnagar refinery

- World Rapid Chess Championship 2023: won by Anastasia Bodnaruk and runner up is Koneru Humpy
- Male category: Magnus Carlsen (from Norway)

NEW CMs.

New Chief Minister in India		
State	New Chief Minister	Date of Office Taken
Telangana	Revanth Reddy	7 December 2023
Mizoram	Mr. Lalduhoma	8 December 2023
Rajasthan	Bhajan Lal Sharma	11 December 2023
Madhya Pradesh	Mohan Yadav	11 December 2023
Chhattisgarh	Vishnu Deo Sai	11 December 2023

- Iran unveiled Kerrar combat drone equipped within air-to-air missile