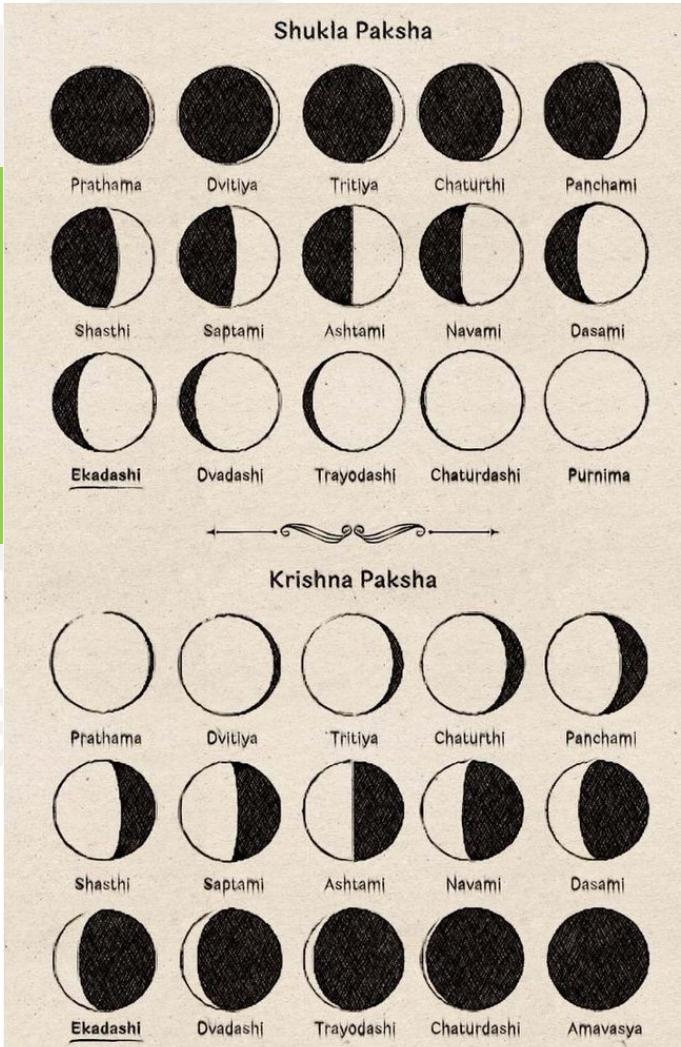


# Vaisakha, Shukla Paksha Navami

वैशाख माह शुक्ल पक्ष नवमी तिथि (विक्रमी संवत् 2081)

## Daily CA

16 May 2024



# QUESTION OF THE DAY

Which Indian company is responsible for operating the Shahid Beheshti terminal at Chabahar port under a 10-year contract?

10 साल के अनबंध के तहत चाबहार बंदरगाह पर शाहिद बेहिश्ती टर्मिनल के संचालन के लिए कौन सी भारतीय कंपनी जिम्मेदार है?

- A) Reliance Industries Limited
- B) Adani Ports and Special Economic Zone
- C) Indian Ports Global Ltd. (IPGL)
- D) Tata Group

@gurjeetkaur7150 • 37 minutes ago

Pantagonian desert is a **cold and dry** desert in south America that receives little rainfall due to its location in the rain shadow of the Andes mountains.

Cups associated with hockey 

- Agha Khan cup

- Nehru trophy

- Dhyan chand trophy

@adarshmalodia302 • 40 minutes ago

\*Patagonian Desert is a Cold Desert

\*Scindia Gold Cup, Ranjeet Singh gold cup, Rangaswami Cup (National Hockey championship)

## Hockey Cups & Trophies:

**Aga Khan Cup**

**Dhyanchand Trophy**

**Maharaja Ranjit Singh Gold Cup**

**Murugappa Gold Cup**

**Scindia Gold Cup**

**Stanley Cup**

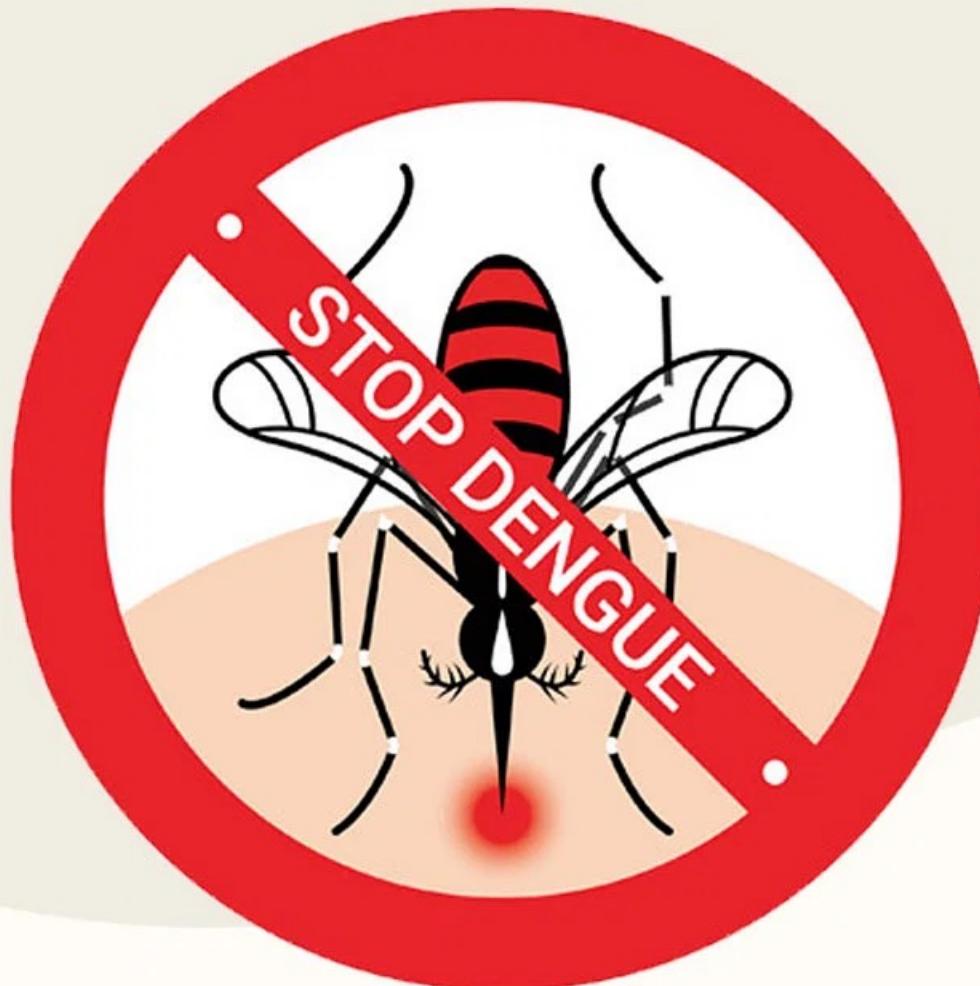
**Sultan Azlan Shah Cup**

**Beighton Cup**

**Lady Ratan Tata Trophy**

**Rangaswamy Cup**

# National Dengue Day 2024

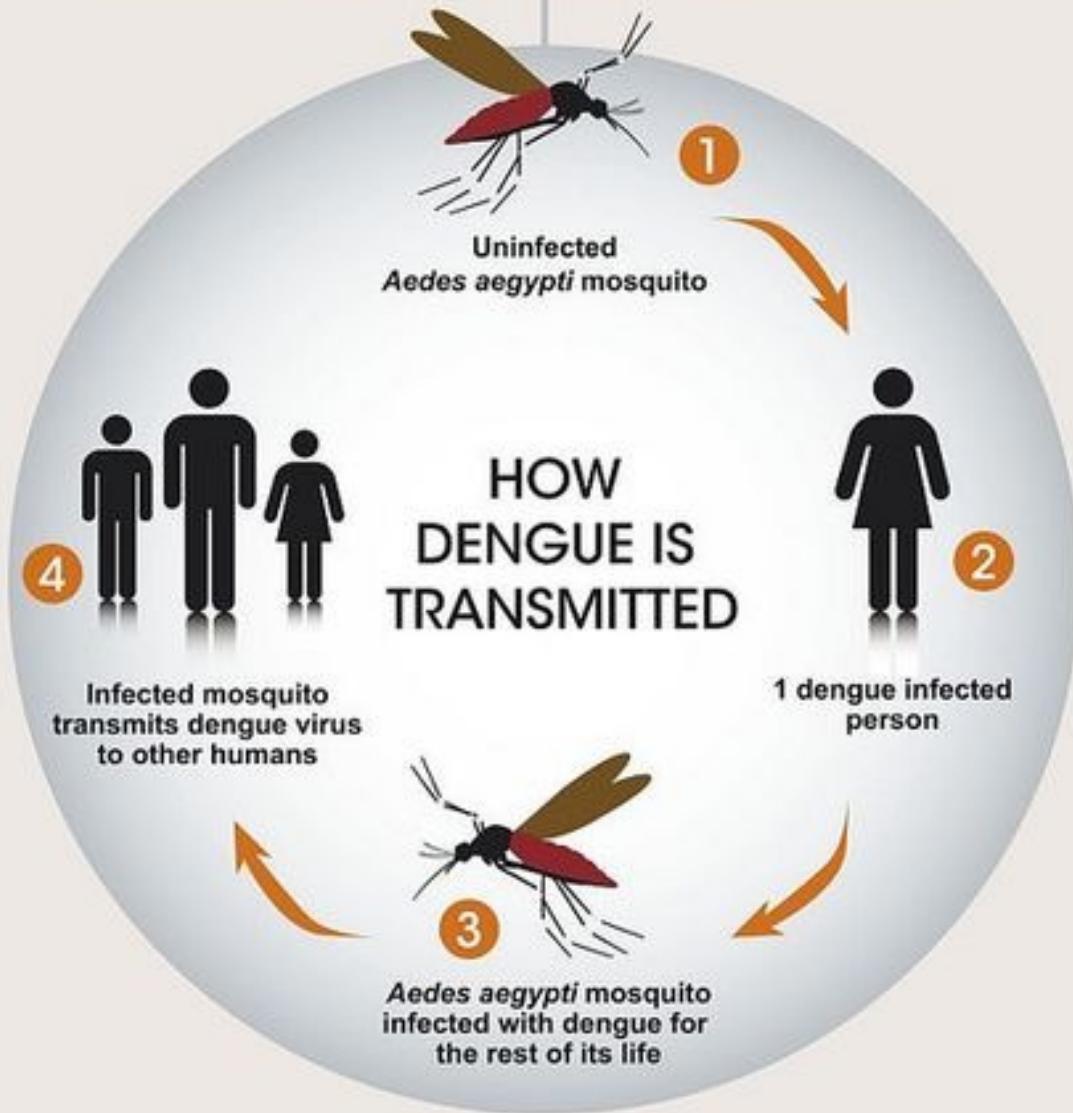


# 16 May - National Dengue Day

- It raise awareness about dengue, a **mosquito-borne viral infection**. It is endemic to more than 100 countries, and nearly half of the world's population is at risk of contracting it.
- **Theme 2024 - Dengue Prevention: Our Responsibility for a Safer Tomorrow.**

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# DENGUE



P  
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# Dengue

- It is caused by the **dengue virus (DENV)**.
- It is transmitted to humans through the bites of infected female **Aedes aegypti mosquito**.
- The severe form of dengue fever, **also called dengue hemorrhagic fever**, can cause serious **bleeding, a sudden drop in blood pressure (shock) and death**.
- It is more common in **tropical and subtropical climates**.
- The **dengue vaccine CYD-TDV or Dengvaxia** was approved by the US Food & Drug Administration in 2019, the **first dengue vaccine to get the regulatory nod in the US**.



# International Day of Light

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16 May

# **16 May - International Day of Light**

- The theme : **Light in Our Lives**
- To recognizing the contributions of light and light-based technologies in various fields and areas, including arts and culture, education, medicine, communications, science, and sustainable development.
- **Designated by UNESCO** (the United Nations Educational, Scientific and Cultural Organization) and **first celebrated on May 16, 2018**.
- The date itself marks **the anniversary of the first successful operation of the laser** in 1960 by physicist and engineer, **Theodore Maiman**.

# Nobel Prize-winning author Alice Munro dies at 92/नोबेल पुरस्कार विजेता लेखिका ऐलिस मुनरो का 92 वर्ष की आयु में निधन

- Canadian author Alice Munro wrote short stories for more than 60 years, often focusing on life in rural Canada.
- Called “Canada’s Chekhov,” Munro won the **Man Booker International Prize** in 2009.
- In 2013, she became the first **Canadian woman** and 13th woman overall to win the **Nobel Prize for Literature**.





Classes

# Mazagon Dock Shipbuilders Ltd celebrates 250th Foundation Day/मङ्गांव डॉक शिपबिल्डर्स लिमिटेड ने 250वां स्थापना दिवस मनाया

- Mazagon Dock Shipbuilders Limited (MDL) is celebrating its 250th Foundation Day **on May 14, 2024**.
- The celebrations were **presided over by Defence Secretary Shri Giridhar Aramane**
- A significant highlight of the celebration day was the **launch of a prototype of the midget submarine 'Arowana'**. Designed and built by MDL this submarine prototype marks a milestone in India's indigenous submarine development.

- Mazagon Dock Shipbuilders Limited (MDL), also known as Mazagon Dock Limited, is a premier war-shipbuilding yard located in Mumbai, Maharashtra.
- **Establishment:** MDL was established in the 18th century, around 1774, during the British era.
- **Nationalization:** The shipyard was nationalized in 1960 and is now a public sector undertaking under the ownership of the Ministry of Defence, Government of India.
- CMD – Sanjeev Singhal

- Daily CA – Parcham Telegram & App
- Weekly, Monthly Magazine & Sawaal on [parchamclasses.in](http://parchamclasses.in)

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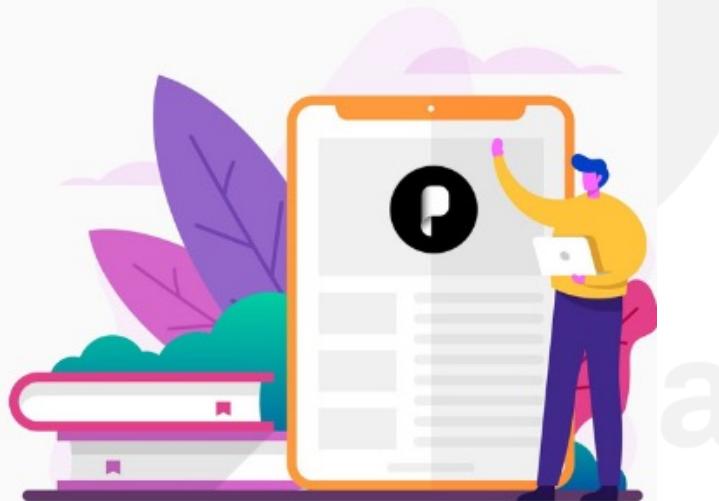
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# **SSC GENERAL AWARENESS TEST SERIES**

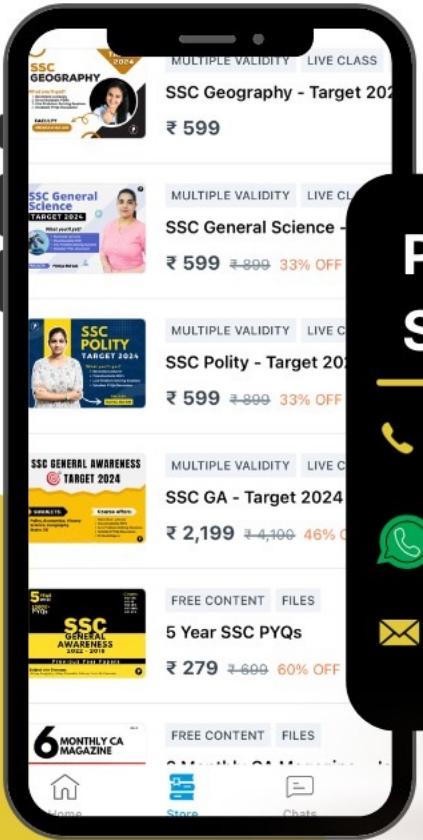
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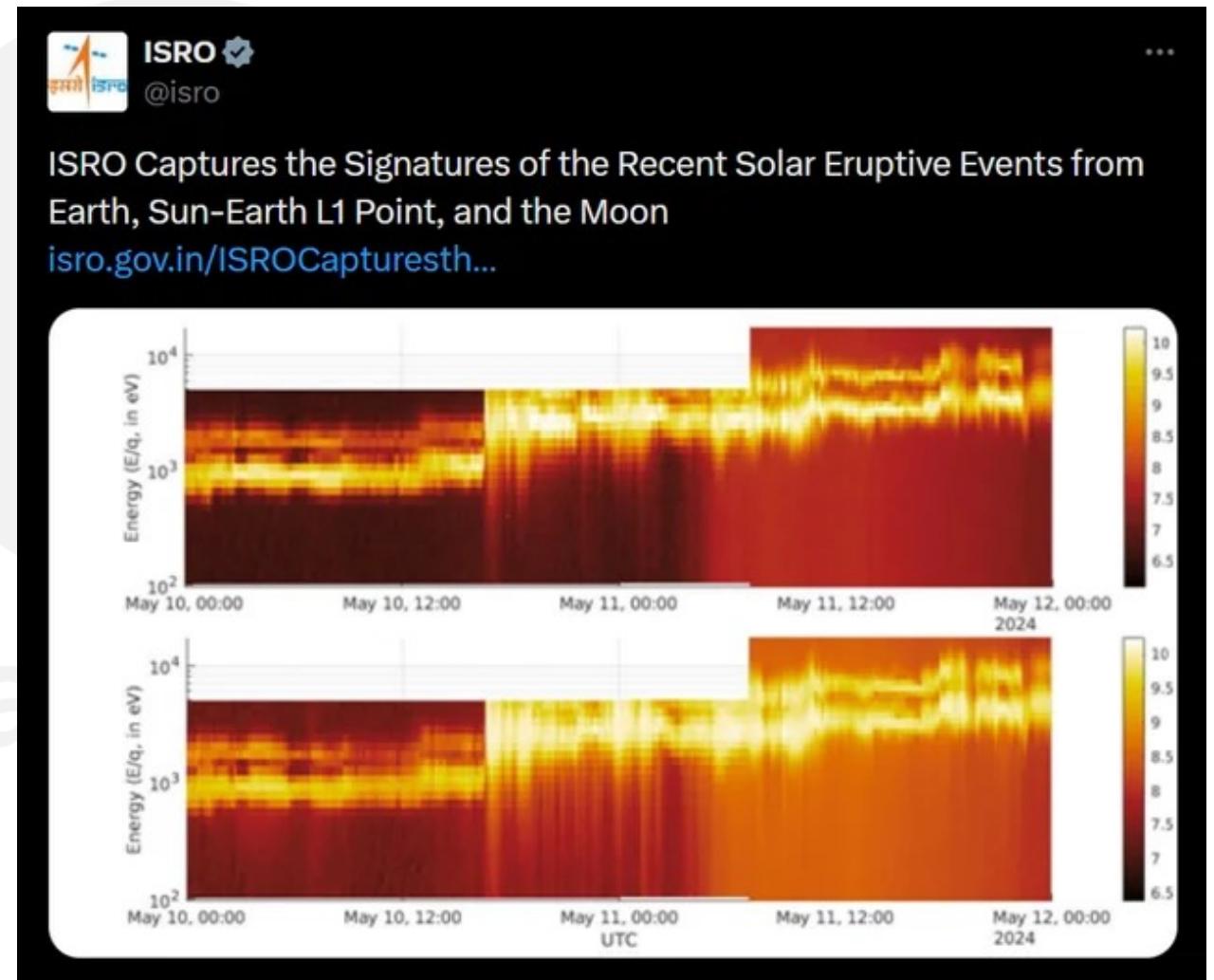
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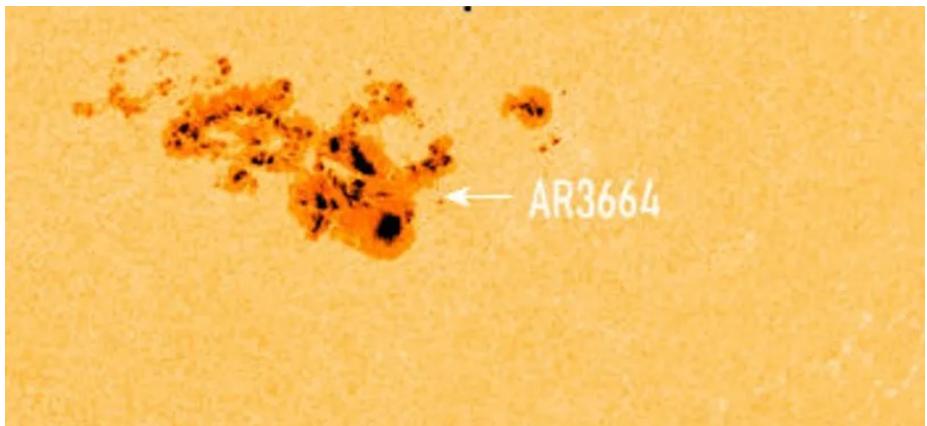
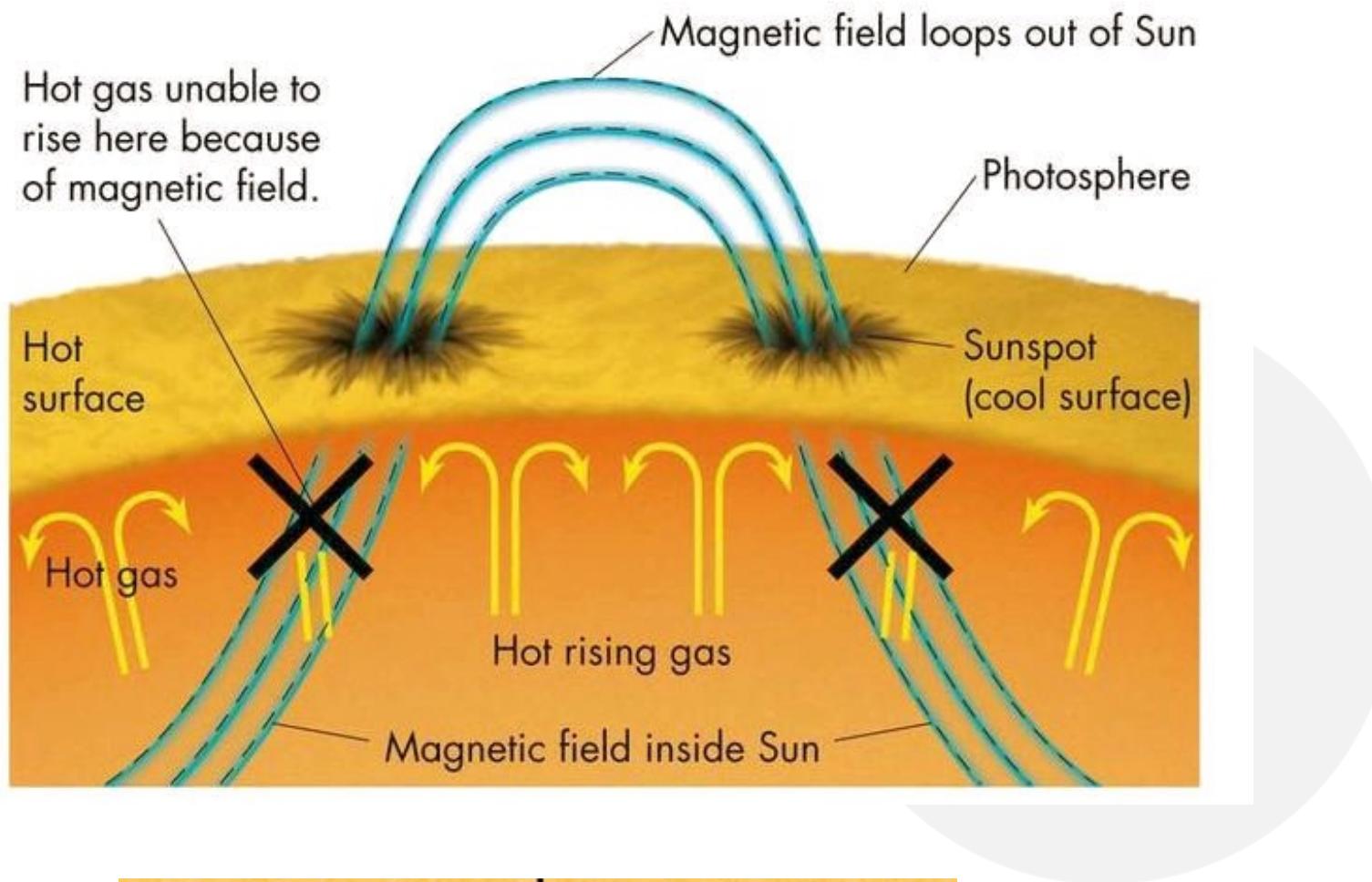


# Aditya L1 and Chandrayaan 2 capture intense solar storm that hit Earth

- The **ASPEX payload on-board Aditya-L1** is showing high speed solar wind, high temperature solar wind plasma and energetic ion flux till now



- At least five solar storms, known as coronal mass ejections (CMEs), slammed into our planet's protective field one after the other from **May 10 to May 13**.
- These CMEs were launched into space by solar flares from a single, massive sunspot, named AR3664, which is more than **15 times wider than Earth**.
- Solar flares are intense bursts of radiation coming from the release of magnetic energy associated with sunspots. They are the largest explosive events in our solar system.
- Sunspots are areas of strong magnetic fields on the sun's surface. These magnetic fields are so strong that they inhibit convection, forming areas of reduced surface temperature.
- When these magnetic fields suddenly realign, they can release a huge amount of energy in the form of radiation, which is a solar flare.



Am Classes

- Scientists believe we have entered **solar maximum** — the most active phase of the sun's roughly 11-year solar cycle.
- A majority of these **flares that hit Earth recently were X-class** — the **most powerful type** of surface explosions the sun is capable of producing.
- Scientists expected the storm would be a "**severe" G4 disturbance**" — the second-highest class of geomagnetic storms. However, it **briefly reached "extreme" G5 status** at least twice
- The CME bombardment **temporarily weakened Earth's protective field**, which enabled charged particles from the sun to penetrate deep into the atmosphere and excite molecules of gas. These in turn triggered vibrant, **multicolored auroras** at **latitudes much farther from Earth's polar regions than normal**.

- It also resulted in some **minor "power grid irregularities"** and temporary disruptions to GPS and other satellite services
- As per ISRO - “This is the biggest geomagnetic **storm since 2003** in terms of its strength, as the flaring region on the Sun was as big as the historically **important Carrington event that took place in 1859**”.
- The **October 2003** solar storm called ‘**Halloween Storms**’ caused **blackouts in Sweden and damaged power infrastructure in South Africa**.
- The most powerful geomagnetic storm in recorded history, **known as the Carrington Event, occurred in September 1859**
- Given the rate at which the current solar cycle is progressing, there is a decent chance that we **might experience more G4 or G5 disturbances over the next few years**.



@thetatvaindia



**Indian government officially begins  
implementing CAA: First batch of 14**

**Centre issues first set of citizenship certificates under CAA to 14 applicants/केंद्र ने 14 आवेदकों को सीएए के तहत नागरिकता प्रमाणपत्र का पहला सेट जारी किया**

- Over two months after notifying rules for the Citizenship Amendment Act (CAA), the Ministry of Home Affairs issued the first set of citizenship certificates under the law to 14 persons.
- The Citizenship (Amendment) Act, 2019 (CAA) was passed on December 11, 2019 to amend the Citizenship Act of 1955.
- CAA sought to fast-track the process of granting Indian citizenship to Hindus, Sikhs, Buddhists, Jains, Parsis and Christians—but not Muslims—who migrated to India before 31st December 2014 owing to religious persecution in Pakistan, Afghanistan and Bangladesh.



**CHINA SURPASSES US, BECOMES  
INDIA'S TOP TRADING PARTNER**

# China Overtakes US as India's Largest Trading Partner in FY24/FY24 में चीन भारत के सबसे बड़े व्यापारिक भागीदार के रूप में अमेरिका से आगे निकल गया

- China has emerged as India's largest trading partner in the FY 2023-24 with **\$118.4 billion two-way commerce**, narrowly edging past the US (**\$118.3 bn**), according to the data of economic think tank GTRI.
- The bilateral trade between India and the US stood at **\$118.3 billion in 2023-24**.

- The US was the India's largest trading partner in **2021-22 and 2022-23**.

- According to the report, **India's exports to China rose by 8.7 per cent** in the last fiscal.
- The main sectors which recorded healthy growth in exports to that country include **iron ore, cotton yarn/fabrics/madeups, handloom, spices, fruits and vegetables, plastic and linoleum.**
- **Imports from China increased by 3.24 per cent.**
- In 2023-24, the **UAE (with USD 83.6 billion)**, was the **third largest trading partner** of India. It was **followed by Russia (\$65.7 billion), Saudi Arabia (\$43.4 billion), and Singapore (\$35.6 billion).**

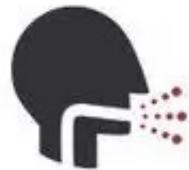
# Hepatitis A outbreak in Kerala: 12 deaths so far, 4 districts on alert/केरल में हेपेटाइटिस ए का प्रकोप: अब तक 12 की मौत, 4 जिले अलर्ट पर

- Kerala is seeing its **worst outbreak of the Hepatitis A virus** in recent years, with the state reporting **1,977 confirmed cases and 12 deaths in the first four-and-a-half months** of this year.
- State Health Minister Veena George has put out an alert for the four districts – **Kozhikode, Malappuram, Thrissur and Ernakulam** – from where the most number of cases were reported.

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# WHAT IS HEPATITIS A?

- 1 Hepatitis A is a highly contagious viral liver infection.



- 2 It preventable by vaccine, and is caused by ingestion of fecal matter.

- 3 It might last for weeks up to months.



## WHAT ARE THE SYMPTOMS?

Jaundice   Nausea   Abdominal Pain



## HOW IS IT SPREAD?

Direct Contact   Infected Food   Sewage Contamination



- Hepatitis A is a **highly contagious liver infection** caused by the **hepatitis A virus (HAV)**, and is transmitted through **contaminated food and water, or through direct contact** with an **infectious person**.
- It can be an **acute (short-term) infection or a chronic (long-term) infection**.
- Generally, most people recover from hepatitis A with no permanent liver damage. In rare cases, hepatitis A can cause liver failure.

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# Deepika Padukone becomes the only Indian star to feature on Deadline's Global Disruptors 2024 list/दीपिका पादुकोण डेडलाइन की ग्लोबल डिसरप्टर्स 2024 सूची में शामिल होने वाली एकमात्र भारतीय स्टार बन गई



For two consecutive years, Deepika Padukone has kickstarted India's box office with a bang. In 2023, the acclaimed actor and producer reunited with her *Om Shanti Om* co-star Shah Rukh Khan for espionage actioner *Pathaan*, which went on to take \$76 million in India and crossed the \$100 million global box office milestone without a China release. This year Padukone starred in Viacom/Marlin's Hindi aviation actioner *Fighter* (from *Pathaan* director Siddharth Anand), which grossed \$43 million globally in just 30 days.

"Of course, the success of a movie is important, and box office is important, and the awards and accolades are important, but for me, as a person, the time I've had with people and the experiences I have on the set of a film are the most important," Padukone says.

The former Cannes jury member, who is now one of India's biggest female stars, first broke into the Hindi cinema scene in 2007 with blockbuster hit *Om Shanti Om* opposite Bollywood legend Khan. The film is largely considered one of the country's classic titles, and when its director, Farah Khan, cast unknown model and former badminton athlete Padukone (Deepika's father is Indian world champion player Prakash Padukone) as its leading lady without even auditioning her, it quickly catapulted her to star status.

"It was sort of unheard of," says Padukone of the experience. "I remember thinking, 'Why would they put so much money into such a big movie for such a big superstar and then cast me opposite with not even an audition?'" But, according to Farah Khan, she saw something in Padukone that had yet been undiscovered—a unique mix of the old and modern world of Indian cinema.

"When I think back, I think of myself as so young and naive and lost but at the same time, I felt so protected and I really couldn't have asked for a better debut, because they protected me

and they didn't need to," says Padukone. "They made sure that I emoted well and that I said my dialogue well, and made me feel included and comfortable. And then when we started promoting the movie, they really proped me up and put me out there and my life changed overnight."

Since then, Padukone has starred in a raft of hit films such as scientific comedies *Cocktail*, *Yeh Jawaani Hai Deewani*, and *Chennai Express*, as well as heartfelt comedy *Happy New Year* and period dramas *Bajirao Mastani* and *Padmaavat*. There's also 2015's *Piku*, for which



- Deepika Padukone has been featured **on the list of Global Disruptors 2024** by Deadline Hollywood magazine.
- The list features celebrities who are **significantly contributing to defining the future of the entertainment industry globally**.
- In the feature, Deepika is introduced as '**India's surprise superstar who is on a mission to break boundaries and taboos**'.

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# MILLETS SEEDS OF CHANGE

How these ancient grains are shaping our future



# Google Arts & Culture Launches Digital Exhibition “Millets: Seeds of Change”

- Google Arts & Culture launched a new digital exhibit, “Millets: Seeds of Change,” at **Krishi Bhawan in Delhi**.
- The exhibition has been launched **in collaboration with India’s Ministry of Agriculture and Farmers Welfare** to celebrate the rich history and growing international importance of **millets**, of which **India is the world’s largest producer**.
- India had spearheaded the UNGA resolution to declare **2023 the International Year of Millets**

**INDIA'S  
BIGGEST  
*SKILL*  
COMPETITION**



**#SkillSeJeetengeDuniya**

# Nation's Biggest Skill Competition, IndiaSkills 2024 inaugurated in New Delhi/देश की सबसे बड़ी कौशल प्रतियोगिता, इंडियास्किल्स 2024 का उद्घाटन

- **Organized by the Ministry of Skill Development and Entrepreneurship (MSDE)**
- Lasting 4 days, IndiaSkills will feature **competitions in 61 skills**, ranging **from traditional crafts to modern technologies**.
- **Participants have been trained** in various institutions including ITIs, NSTIs, Polytechnics, engineering institutes, nursing institutes, and biotechnology institutes, reflecting the high-quality training available in India's skill network.

- **Winners of IndiaSkills will receive training from industry experts to prepare for the WorldSkills Competition in Lyon, France, in September 2024**, where they will compete with representatives from over 70 countries.
- The competition also introduces a **new competition information system called Qrencia**.

## Parcham Classes

# SBI becomes the first bank as trading, clearing member of IIBX/SBI IIBX का ट्रेडिंग, क्लियरिंग सदस्य बनने वाला पहला बैंक बन गया है

- secured the distinction of being the first bank to become a trading-cum-clearing (TCM) Member of **India International Bullion Exchange at the GIFT City in Gujarat.**
- This milestone **enables SBI's IFSC Banking unit (IBU) Gift City to conduct trades on the IIBX platform and settle them on behalf of its clients**

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- SBI Chairman - Dinesh Kumar Khara

Magnus Carlsen Wins 2024 Superbet Rapid & Blitz Poland/मैग्नस कार्लसन की अविश्वसनीय वापसी ने 2024 सुपरबेट रैपिड और ब्लिट्ज पोलैंड जीता



# Prithvi Shekhar won the title in Slovenia Deaf Tennis Open/स्लोवेनिया डेफ टेनिस ओपन में पृथ्वी शेखर ने खिताब जीता

- **Prithvi Shekhar won the title in the Slovenia Deaf Tennis Open by winning the title in the men's singles category.**
- **Earlier he claimed a singles title at the Australian Open Deaf Championship.**



# REVISION QUESTIONS



Parcham Classes

Who won the Grand Chess Tour Superbet Rapid and Blitz 2024?

ग्रैंड शतरंज टूर सुपरबेट रैपिड और ब्लिट्ज़ 2024 किसने जीता?

- a) Fabiano Caruana
- b) Hikaru Nakamura
- c) Viswanathan Anand
- d) Magnus Carlsen

Ans: d

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Which financial institution has become the first trading-cum-clearing member of the India International Bullion Exchange (IIBX) in GIFT City?

कौन सा वित्तीय संस्थान GIFT सिटी में इंडिया इंटरनेशनल बुलियन एक्सचेंज (IIBX) का पहला ट्रेडिंग-कम-किलयरिंग सदस्य बन गया है?

- a) ICICI Bank
- b) HDFC Bank
- c) State Bank of India
- d) Axis Bank

Ans: c

Parcham Classes

Who became the only Indian star to feature on  
Deadline's Global Disruptors 2024 list?

- a) Priyanka Chopra
- b) Shah Rukh Khan
- c) Aishwarya Rai Bachchan
- d) Deepika Padukone

Ans: d

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# Question of the Day

**Which country emerged as India's largest trading partner in the fiscal year 2023-24?**

**वित्तीय वर्ष 2023-24 में कौन सा देश भारत का सबसे बड़ा व्यापारिक भागीदार बनकर उभरा?**

- a) United States
- b) China
- c) Japan
- d) United Kingdom

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**You Cannot keep everyone Happy!  
Do good. Be Good.**



**Parcham Classes**