

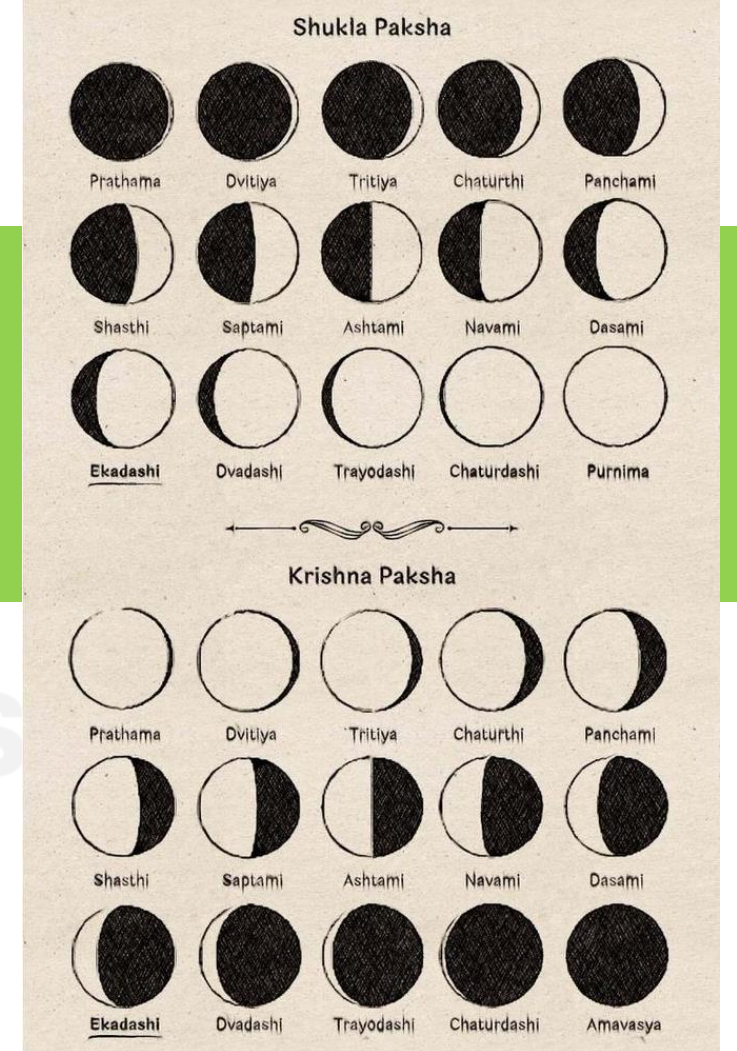
Vaisakha, Krishna Paksha Amavasya

वैशाख माह कृष्ण पक्ष अमावस्या तिथि (विक्रमी संवत् 2081)

Daily CA

8 May 2024

Parcham Clas



QUESTION OF THE DAY

Who has been appointed as the President of the Goods & Services Tax Appellate Tribunal (GSTAT)?

- a) Justice Sanjaya Kumar Mishra
- b) Justice Ramesh Mishra
- c) Justice Anil Kumar Mishra
- d) Justice Sunil Kumar Mishra

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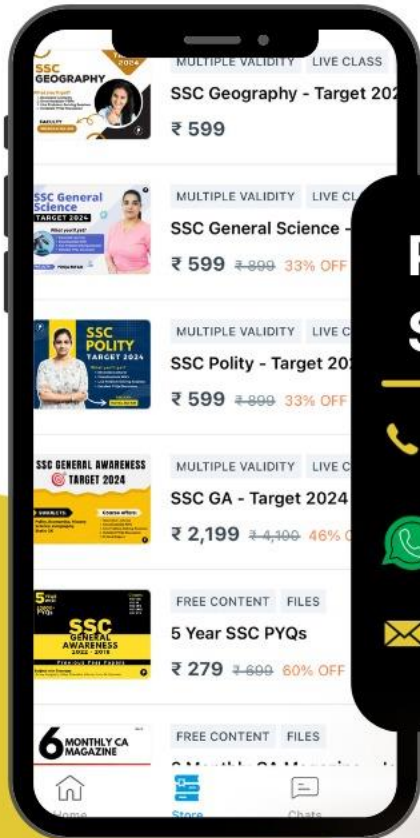
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*"You can't cross the sea merely by standing
and staring at the sea."*

Rabindranath Tagore (1861-1941)

- First Indian and first non-European to achieve the **Nobel Prize in Literature in 1913** for his exceptional work, Gitanjali. Responsible for modernising **Bengali prose and poetry**.
- Gave the **national anthems of India and Bangladesh**: the Jana Gana Mana and the Amar Shonar Bangla.
- "Jana Gana Mana" was **translated by him from Bengali to English in February 1919** at Madanapalle in the District of Chittoor (Andhra Pradesh).
- In 1915, he was **awarded the knighthood** by British King George V which he later **renounced in 1919**, to protest against the Jallianwalla Bagh massacre.
- He is said to have given Mahatma Gandhi the title of Mahatma.
- Established the **Vishwa-Bharati University** in 1921.
- Spoke at the **World Parliament for Religions** in the years 1929 and 1937.

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Rabindranath Tagore Jayanti (163rd birth anniversary)

- He was **born in Calcutta on 7th May 1861.**
- He was a **world-renowned poet, litterateur, philosopher** and **Asia's first and first non-European Nobel laureate.**
- Tagore's most notable work of poetry is **Gitanjali: Song Offerings**, for which he received the Nobel Prize in Literature in 1913.
- He published his first poems **aged 16 under the pen-name 'Bhanusimha'.**

- Gave the **national anthems** for two countries, **Jana Gana Mana for India and Amar Sonar Bangla for Bangladesh.**
- **Revered with titles such as ‘Gurudev’, ‘Kabiguru’, and ‘Biswakabi’.**
- He died **on 7th August 1941**
- He wrote novels, plays, and short stories, including the plays **Chitra and The Post Office.**



WORLD RED CROSS & RED CRESCENT DAY

Let us take a moment to appreciate the brave people who work for the victims of various calamities. We thank you and wish you all a Happy World Red Cross and Red Crescent Day!

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8 May - World Red Cross and Red Crescent Day

- The theme - “I give with joy, and the joy I give is a reward.”
- To commemorate **the birth of the founder of the International Committee of the Red Cross**, Henry Dunant.

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- **Young Swiss businessman, Jean Henry Dunant** was appalled by the condition of the **wounded soldiers in Solferino , Italy in 1859** during the Franco - Austrian war.
- He arranged relief services with the help of the local community immediately. He wrote the **book 'Memory of Solferino'** suggesting that a neutral organization be established to aid the wounded soldiers in times of war.
- Just a year after the release of this book, an **international conference was convened in Geneva** to consider the suggestions of Henry Dunant and thus the **Red Cross Movement was born.**
- **International Red Cross Movement was established by Geneva Convention of 1864**



WORLD THALASSEMIA DAY

8 May - World Thalassaemia Day

- Theme is: “**Empowering Lives, Embracing Progress: Equitable and Accessible Thalassaemia Treatment for All**”
- Thalassemia is an inherited blood disorder caused when the **body doesn't make enough of a protein called hemoglobin**, an important part of red blood cells.
- When there are not enough healthy red blood cells, there is also **not enough oxygen delivered** to all the other cells of the body, which may cause a person to **feel tired, weak or short of breath**. This is a condition called **anemia**.
- **Severe anemia can damage organs and lead to death.**



**8-9
May**

**Time of Remembrance
and Reconciliation for
Those Who Lost Their
Lives during the
Second World War**

8-9 May: Time of Remembrance and Reconciliation for Those Who Lost Their Lives During the Second World War

War/द्वितीय विश्व युद्ध के दौरान अपनी जान गंवाने वालों के लिए स्मरण और मेल-मिलाप का समय

- **22 November 2004, the UN General Assembly declared 8–9 May as a time to pay tribute to all victims of the Second World War.**

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Sunita Williams-piloted Boeing Starliner test flight postponed over Atlas rocket glitch/एटलस रॉकेट में गड़बड़ी के कारण सुनीता विलियम्स द्वारा संचालित बोइंग स्टारलाइनर की परीक्षण उड़ान स्थगित कर दी गई



S



PANAMA ELECTIONS JOSE RAUL MULINO WINS



ALJAZEERA

José Raúl Mulino Wins Panama's Presidential Election/जोस राउल

मुलिनो ने पनामा का राष्ट्रपति चुनाव जीता

- CAPITAL: Panama City

Currency:

- Balboa (PAB)

- United States dollar (USD)



India showcases tourism potential at Arabian Travel

Mart 2024/भारत ने अरेबियन ट्रैवल मार्ट 2024 में पर्यटन क्षमता का प्रदर्शन किया

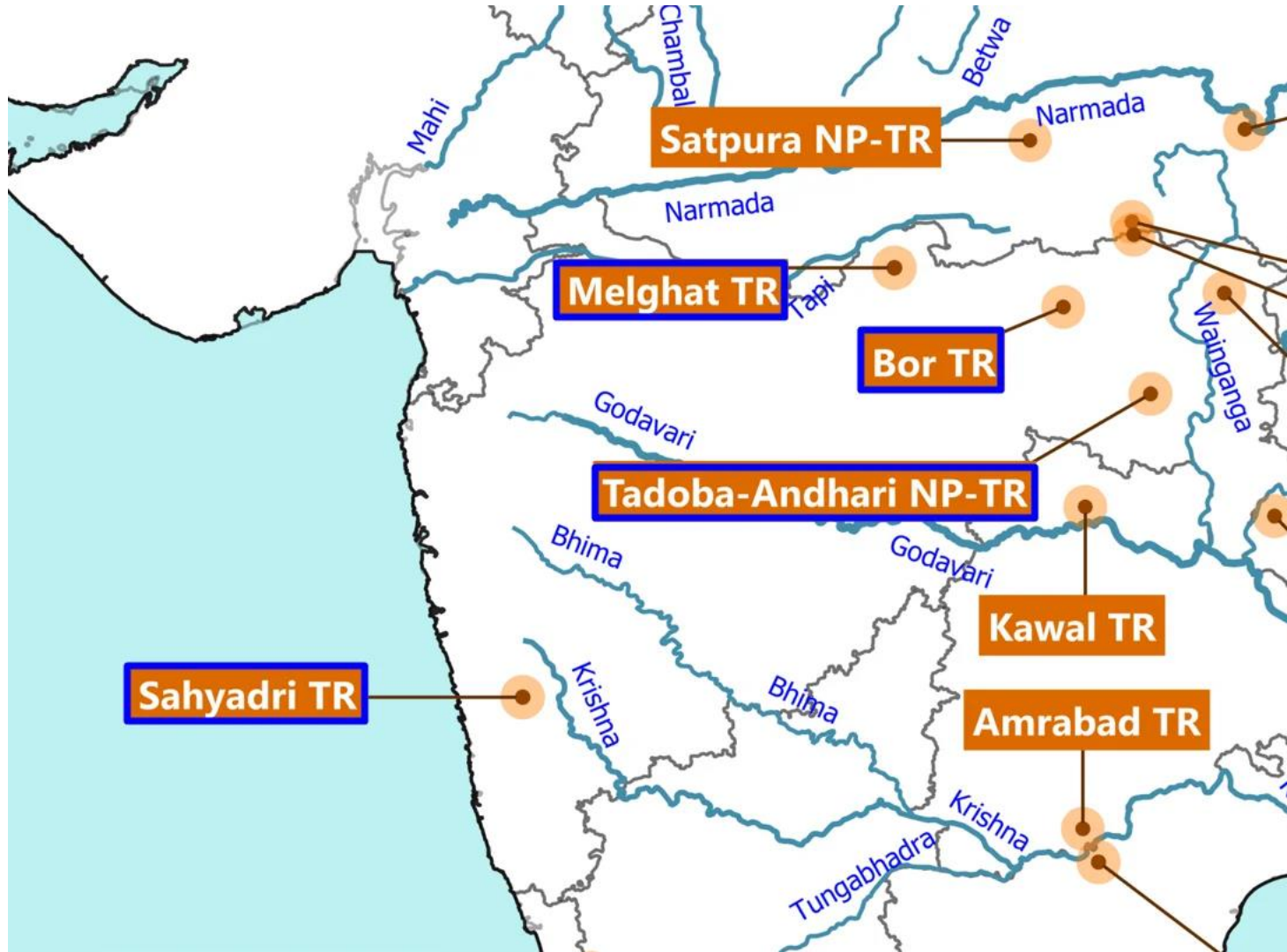
- In a bid to **strengthen India's presence in the Middle East tourism market**, the Ministry of Tourism is participating in **Arabian Travel Mart 2024**, being held in **Dubai** from **May 6 to 9, 2024**.
- **The theme** "Empowering Innovation: Transforming Travel Through Entrepreneurship."
- Highlighting lesser-known yet refreshing destinations, the Ministry of Tourism also launched the '**Cool Summers of India**' campaign named '**Coolcations**' at Arabian Travel Mart.



Maharashtra gears up for tiger translocation to Sahyadri reserve

महाराष्ट्र सह्याद्री रिजर्व में बाघों के स्थानांतरण के लिए तैयार

- **Maharashtra** forest department is gearing up for translocation of a few tigers from the **Tadoba-Andhari Tiger Reserve (TATR)** in Chandrapur to **Sahyadri Tiger reserve**.
- The Sahyadri Tiger Reserve (STR) is **one of only five tiger reserves** in the country — Kaval in Telangana, Kamlang in Arunachal Pradesh, Dampa in Mizoram and Satkosia in Odisha being the other four — **with zero tigers within the reserve**
- National Tiger Conservation Authority (**NTCA**) had cleared the translocation plan in **October 2023**. Final go-ahead from the **Union Environment Ministry** is awaited.



Sahyadri Tiger Reserve (STR):

- located in the Sahyadri Ranges of the Western Ghats
- Notified in **2010** by amalgamating the **Chandoli national park and Koyna wildlife sanctuary.**
- includes the area around the **Koyna Dam, the Warna River**

Tiger reserves of Maharashtra:

- Melghat Tiger Reserve
- Pench Tiger Reserve
- Nawegaon Nagzira Tiger Reserve
- Tadobha Andhari Tiger Reserve
- Sahyadri Tiger Reserve
- Bor Tiger Reserve

A very warm Indian Ocean is causing mass coral bleaching in Lakshadweep



Marine Heatwaves Trigger Widespread Coral Bleaching in Lakshadweep Sea/समुद्री हीटवेव के कारण लक्षद्वीप सागर में बड़े पैमाने पर प्रवाल विरंजन हो रहा है

- Researchers at the **Central Marine Fisheries Research Institute (CMFRI)** have recorded widespread bleaching impacting coral reefs in the **Lakshadweep sea** primarily due to **prolonged period of marine heat waves** affecting the region **since late October 2023**.
- Heatwaves were rare extreme weather events that involved prolonged periods of **abnormally high ocean temperatures**.

- Coral are made up of genetically identical **organisms called polyps**. These polyps have microscopic algae **called zooxanthellae living within their tissues**.
- The corals and algae have **a mutualistic (symbiotic) relationship**.
- The coral provides the **zooxanthellae with the compounds necessary for photosynthesis**
- In return, the zooxanthellae **supply the coral with organic products of photosynthesis, like carbohydrates**, which are utilized by the coral polyps for **synthesis of their calcium carbonate skeletons**.
- When corals face stress by changes in conditions such as **temperature, light, or nutrients, they expel the symbiotic algae zooxanthellae living in their tissues**, causing them to turn completely white. This phenomenon is called **coral bleaching**.

CORAL BLEACHING

Have you ever wondered how a coral becomes bleached?

HEALTHY CORAL

1 Coral and algae depend on each other to survive.



Corals have a symbiotic relationship with microscopic algae called zooxanthellae that live in their tissues. These algae are the coral's primary food source and give them their color.

STRESSED CORAL

2 If stressed, algae leaves the coral.



When the symbiotic relationship becomes stressed due to increased ocean temperature or pollution, the algae leave the coral's tissue.

BLEACHED CORAL

3 Coral is left bleached and vulnerable.



Without the algae, the coral loses its major source of food, turns white or very pale, and is more susceptible to disease.

WHAT CAUSES CORAL BLEACHING?



Change in ocean temperature

Increased ocean temperature caused by climate change is the leading cause of coral bleaching.



Runoff and pollution

Storm generated precipitation can rapidly dilute ocean water and runoff can carry pollutants — these can bleach near-shore corals.



Overexposure to sunlight

When temperatures are high, high solar irradiance contributes to bleaching in shallow-water corals.



Extreme low tides

Exposure to the air during extreme low tides can cause bleaching in shallow corals.



NOAA's Coral Reef Conservation Program
<http://coralreef.noaa.gov/>

BSF : On-request posting, Airfare booking etc. in New Guidelines

बीएसएफ: नए दिशानिर्देशों में ऑन-रिक्वेस्ट पोस्टिंग, हवाई किराया बुकिंग आदि

- Five individual choices for posting, on-request posting, and booking of **air tickets for all the personnel while proceeding on leave – these are some of the key decisions made by the BSF** in a bid to improve ‘satisfaction level’ of its personnel.
- According to the **data, provided by the Ministry of Home Affairs, more than 46,000 personnel from six Central Armed Police Forces (CAPFs) took early retirement during the last five years (2019-2023).**
- The maximum — more **than 21,000 men and women** — who took early retirement were **from the Border Security Force (BSF)**, which guards the Pakistan and Bangladesh borders

Central Armed Police Forces (CAPF)

- Assam Rifles (AR)
- Border Security Force (BSF)
- Central Industrial Security Force (CISF)
- Central Reserve Police Force (CRPF)
- Indo Tibetan Border Police (ITBP)
- National Security Guard (NSG)
- Sashastra Seema Bal (SSB)

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ISRO completes key test for India's first semi-cryogenic engine



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- ISRO conducted the first ignition trial for **SCE-200 (semi-cryogenic engine-200)** at the semi-cryo integrated engine test facility (SIET) located in the ISRO propulsion complex (IPRC) in **Mahendragiri, TN**
- The space agency is developing a **semi-cryogenic engine which works on a propellant combination of liquid oxygen and kerosene** and is **aimed at enhancing the payload capability** of launch vehicle **Mk III (LVM3)** and future launch vehicles.
- **ISRO Headquarters:** Bengaluru
- **Founded:** 15 August 1969
- **Founder:** Vikram Sarabhai
- **DIRECTOR :** S. Somanath



Mindgrove Rolls Out First **India-Made** Microcontroller Chip

The startup expects to improve cost efficiency for Indian OEMs by 30% for their feature-rich devices.

Program Classes

Mindgrove company launches India's 1st commercial MCU Chip

माइंडग्रोव कंपनी ने भारत की पहली वाणिज्यिक MCU चिप लॉन्च की

- **Mindgrove Technologies**, an IIT Madras incubated startup has launched **India's first indigenous high-performance microcontroller chip** with **high-performance SoC, Secure IoT**
- **IoT security** (internet of things security) is the technology segment focused on safeguarding connected devices and networks in IoT
- **SoC** - security operations center is responsible for protecting an organization against cyber threats.

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- Mindgrove claims that this **chip is 30% cheaper** than other chips in a similar performance class, allowing **Indian original equipment manufacturers (OEMs)** to integrate an India-made SoC into their products and reduce cost without compromising on features.

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Paytm President and COO Bhavesh Gupta

resigns/पेटीएम के अध्यक्ष और सीओओ भावेश गुप्ता ने इस्तीफा दिया

- The Company has accepted his resignation, and **he will be relieved on May 31, 2024**
- **Varun Sridhar** appointed as **CEO of Paytm Services Pvt Limited.**
- **Rakesh Singh** appointed as **CEO of Paytm Money.**
- **Vijay Shekhar Sharma** - Founder & CEO, of Paytm
- Parent organization: **One97 Communications**
- Founded: **August 2010**



2024 Madrid Open, Iga Swiatek and Andrey Rublev Triumph/2024 मैड्रिड ओपन, इगा स्विअटेक और एंड्रे रुबलेव की जीत



- World no.1 women's tennis players **Iga Swiatek (Poland)** defeated Aryna Sabalenka
- **Andrey Rublev (Russia)** defeated Felix Auger-Aliassime
- at the **women's and men's singles titles** at the **2024 Madrid Open**, respectively.

Spanish football club Real Madrid wins 36th La Liga title

The La Liga is a professional **men's club-based football championship** in Spain.



Real Madrid clinch Liga



REVISION QUESTIONS

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What campaign is India launching at the Arabian Travel Market 2024 to promote its lesser-known summer destinations?

भारत अपने कम प्रसिद्ध ग्रीष्मकालीन स्थलों को बढ़ावा देने के लिए अरेबियन ट्रैवल मार्केट 2024 में कौन सा अभियान शुरू कर रहा है?

- a) "Hot Summers of India"
- b) "Sunshine Escapes"
- c) "Cool Summers of India"
- d) "Sizzling Summer Adventures"

Ans: c

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Who won the women's singles title at the 2024 Madrid Open?

- a) Naomi Osaka
- b) Serena Williams
- c) Iga Swiatek
- d) Simona Halep

Ans: c

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Which organization launched India's first commercial high-performance SoC, Secure IoT?

- a) Mindgrove
- b) Intel Corporation
- c) Broadcom Inc.
- d) Micron Technology

Ans: a

Consider the following statements World Thalassaemia Day

1. May 8th is celebrated as World Thalassemia Day
2. Thalassaemia the name for a group of inherited conditions that affect a substance in the blood called plasma.

Which of the above given statement/s is/are correct?

- a. Only 1
- b. Only 2
- c. Both 1 and 2
- d. Neither 1 nor 2

Ans: a

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When you're nervous about stepping outside of your comfort zone, remind yourself:

"It feels scary because it's unfamiliar—not because I'm incapable."



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