

Jyeshtha, Shukla Paksha Purnima

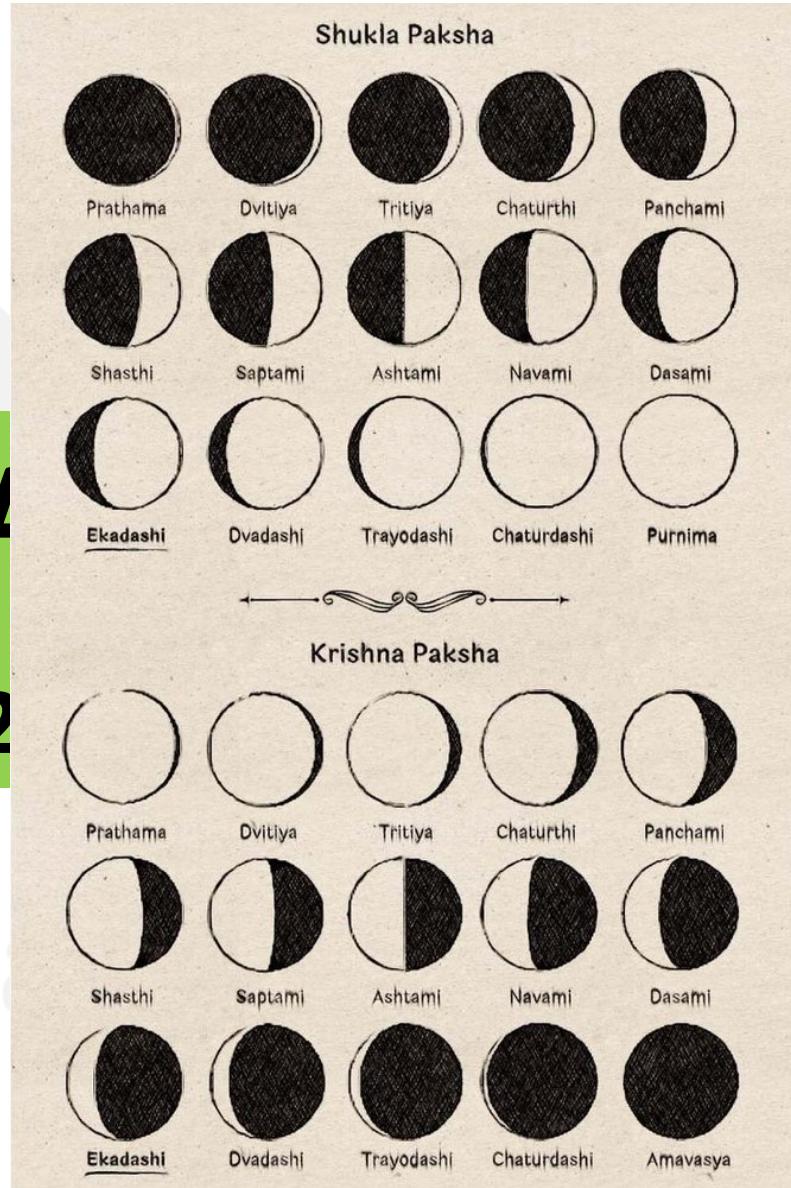
ज्येष्ठ मास, शुक्ल पक्ष की पर्णिमा तिथि
आषाढ़ मास, कृष्ण पक्ष की प्रतिपदा तिथि

विक्रमी संवत् 2081
शक संवत् 1946

Daily CA

22 June 202

Parcham CL



QUESTION OF THE DAY

What rank did India achieve on the global Energy Transition Index released by the World Economic Forum?

- a) 63rd
- b) 20th
- c) 1st
- d) 5th

Answer: a



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WORLD RAINFOREST DAY

22TH JUNE

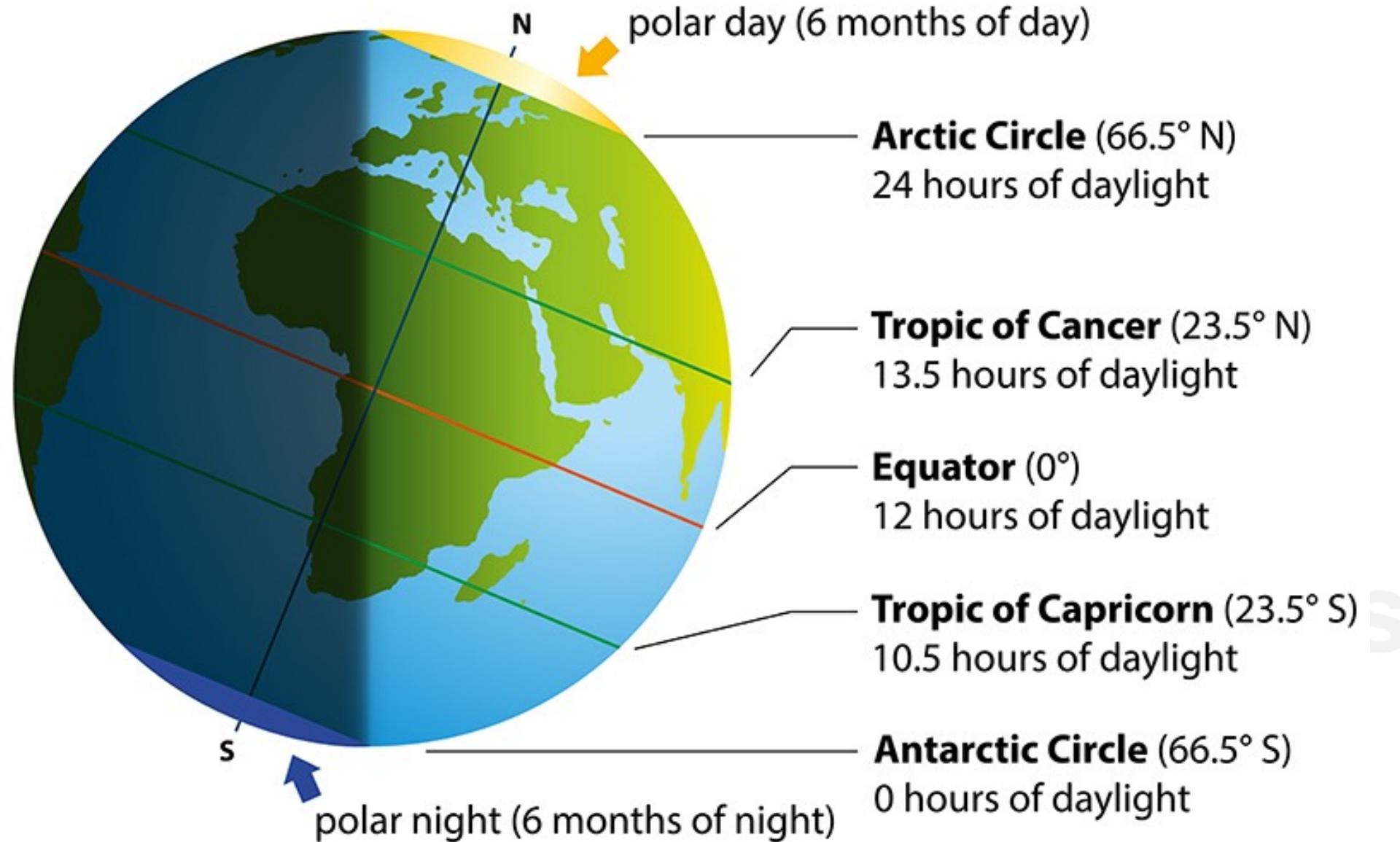
22 June - World Rainforest Day

- About half of all forests on our planet are **tropical forests**, which grow in Africa, Southeast Asia, South and Central America. The rainforest is also found in Hawaii, the Pacific Islands, and the Caribbean.
- Rainforests absorb carbon dioxide, stabilize climatic conditions, and are a source of fresh water. Despite the fact that the **rainforest ecosystem occupies less than two percent of the Earth's surface**, between **50% and 70% of the plant and animal species** of our planet are found here.

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- Environmentalists believe that **over the past 40 years**, the planet has **lost about a billion hectares** of rainforest.

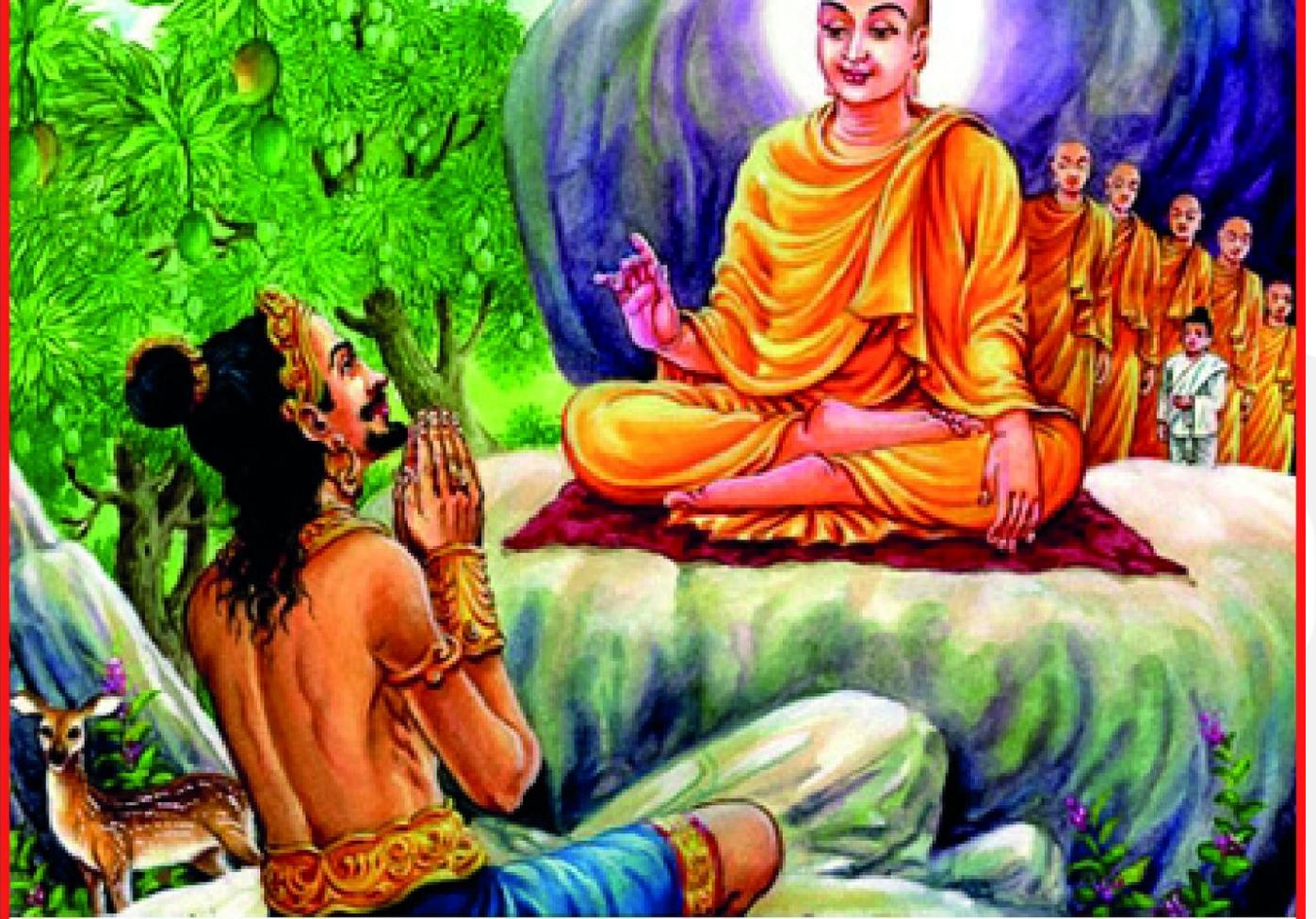
summer solstice (June 21)



June 21- Summer Solstice

- In Latin, "Solstice" means "sun stands still".
- The summer solstice occurs when **one of Earth's poles** has its **maximum tilt toward the Sun**. It happens twice yearly, once in each hemisphere
- It brings **the longest day of the year**.
- On the summer solstice, the **Northern Hemisphere** is tilted **toward the sun**, receiving the full **glare of the sun's rays**.

- the North Pole is tipped towards **the Sun and the South Pole is away from it.**
- Typically, this imaginary axis passes right through the middle of the Earth from top to bottom and is **always tilted at 23.5 degrees with respect to the Sun.**
- Each year, the summer solstice in the Northern Hemisphere falls on one of two days: **June 20 or June 21.**
- In the Southern Hemisphere, the summer solstice happens on **Dec. 21 or Dec. 22.**



Poson full-moon poya day (Poson Poya Day/Poson Festival) commemorates the arrival of Buddhism in Sri Lanka in the 3rd century BC. It is a festival of great historical and religious significance celebrated island-wide by Buddhists. Poson, held on the full moon day of June, commemorates the occasion over 2,000 years ago when Arahat Mahinda, son of Emperor Asoka of India, converted King Devanampiyatissa to Buddhism. The main center of celebration is Mihintale, the ancient monastic complex where the royal missionary monk Mahinda preached the first sermon to the ruling king at Anuradhapura the ancient capital, to which large crowd of pilgrims converge. Mass religious observances, illuminations pageants are part of the celebrations.

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National Poson Festival – Sri Lanka

- The national Poson Week has commenced in Sri Lanka and will continue until the 24th of June.
- Devotees are expected to visit the **holy city of Anuradhapura and Mihintale** for the Poson Festivities
- Poson festival **marks the arrival of Buddhism to Sri Lanka** when **Arahat Mahinda, the son of Emperor Asoka preached the first sermon to a Sri Lankan king in 3rd century BC**
- **The festival is held on the full moon in June.**

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SAWAAL

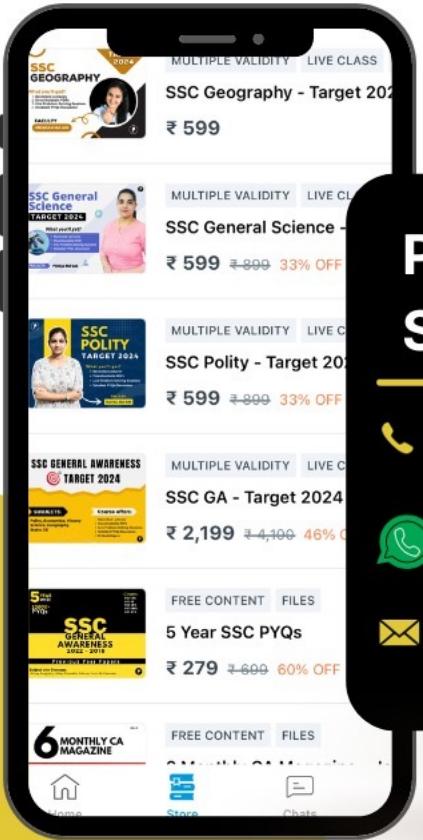
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S. Tripathy appointed as the first director of UVCE,

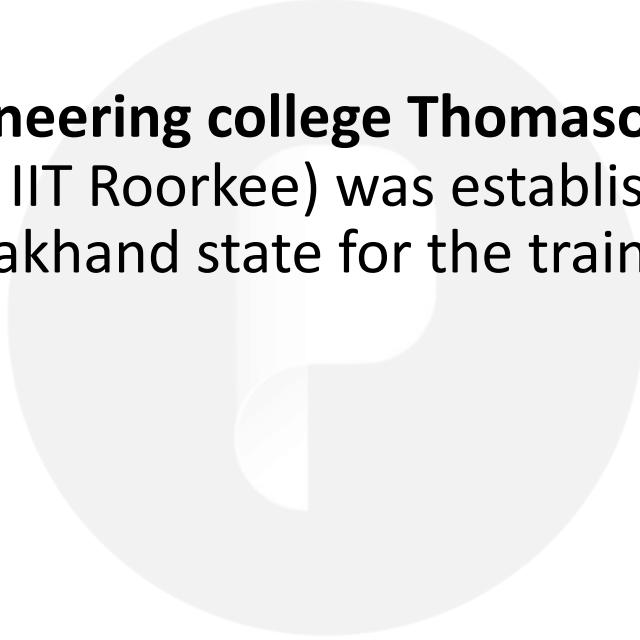
एस. त्रिपाठी को यूवीसीई का पहला निदेशक नियुक्त किया गया

- The State government has appointed S. **Tripathy**, as the first director of the University of Visvesvaraya College of Engineering (UVCE)
- **University of Vishveshvarayya College of Engineering was established in 1917**, under the name Government Engineering College, by Bharat Ratna Sir M. Vishveshvarayya.
- It is the 5th engineering college to be established in the country and **1st in Karnataka**.



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- In 1847, India's the first engineering college **Thomason College of Civil Engineering** (now called IIT Roorkee) was established at Roorkee in present-day Uttarakhand state for the training of Civil Engineers.



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GIRISH TANTI GWEC INDIA CHAIR



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SUZLON
POWERING A GREENER TOMORROW

 **GWEC INDIA**
GLOBAL WIND ENERGY COUNCIL

Global Wind Energy Council India Appoints Girish Tanti from Suzlon Group As New Chairman

ग्लोबल विंड एनर्जी काउंसिल
इंडिया ने सुजलॉन समूह के गिरीश तांती को नया अध्यक्ष नियुक्त किया

- **Suzlon Vice Chairman Girish Tanti has been elected as the Chair of Global Wind Energy Council India (GWEC India).**
- He also serves as Vice-Chair of GWEC
- As the **world's fourth biggest wind market, with 46 GW of onshore wind** and one of the world's most prominent wind energy manufacturing hubs, Tanti's leadership at GWEC and GWEC India shall help further catalyse momentum.
- The **Global Wind Energy Council (GWEC) was established in 2005** to provide a credible and representative forum for the entire wind energy sector at an international level.

Akashvani News Recognized As India's Most Trusted News Brand In 2024 Reuters Survey/आकाशवाणी समाचार को 2024 रॉयटर्स सर्वेक्षण में भारत के सबसे विश्वसनीय समाचार ब्रांड के रूप में मान्यता दी गई

- The Digital News Report 2024 conducted by the **Reuters Institute for the Study of Journalism at Oxford University** has confirmed **Akashvani News' preeminent position in the nation's media landscape.**
- This annual publication revealed that Akashvani News received a **trust score significantly higher than that of other prominent media houses in the country.**
- Prasar Bharati Chairman : Navneet Kumar Sehgal

Actor Theo James named UNHCR global goodwill ambassador

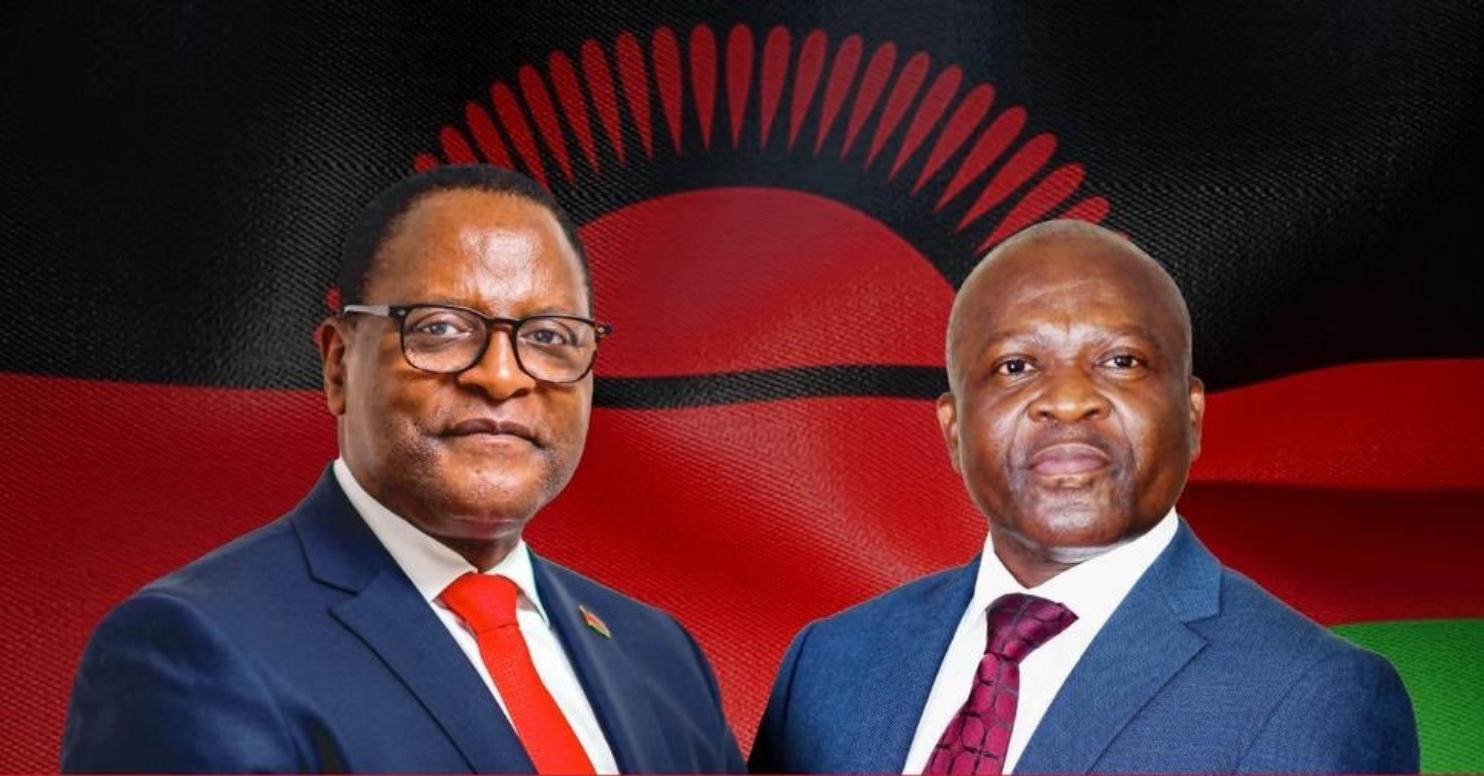
अभिनेता थियो जेम्स को यूएनएचसीआर का वैश्विक सद्भावना राजदूत नियुक्त किया गया

- The United Nations refugee agency named British actor Theo James as a global goodwill ambassador.



United Nations High Commissioner for Refugees (UNHCR)

- It was established by the General Assembly of the United Nations in 1950 in the aftermath of the Second World War to help the millions of people who had lost their homes.
- It was awarded Nobel Peace Prizes in 1954 and 1981.
- It started the Nansen Refugee Award in 1954 for recognition of outstanding service to the cause of refugees, displaced or stateless people.
- Headquarters: Geneva, Switzerland



It Has Pleased His Excellency Dr. Lazarus McCarthy Chakwera, President of the Republic of Malawi, in exercise of the Powers Vested in Him by Section 84 of the Constitution, to appoint Dr. Michael Bizwick Usi as Vice President of the Republic of Malawi.

SWEARING-IN CEREMONY

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Malawi President names new deputy after plane crash kills predecessor

मलावी के राष्ट्रपति ने विमान दुर्घटना में अपने पूर्ववर्ती की मृत्यु के बाद नए उप राष्ट्रपति का नाम घोषित किया

- Malawi's **President Lazarus Chakwera** appointed **Michael Usi** as his Vice President.
- Former Vice President **Saulos Chilima** and nine others were killed when the military plane crash
- Capital: **Lilongwe**
- Currency: **Malawian kwacha**





Indian Railways Conducts Trial Run on
World's Highest Rail Bridge

Chenab Bridge: Indian Railways Successfully Conducts Trial Run on World's Highest Rail Bridge

रेलवे ने दुनिया के सबसे ऊंचे रेल पुल पर सफलतापूर्वक ट्रायल रन किया

- Indian Railways achieved a historic milestone with the **successful trial run of an eight-coach Mainline Electric Multiple Unit (MEMU) train** on the famed Chenab Bridge, **the world's highest railway bridge, in Jammu and Kashmir.**
- trial run was **conducted on a 46-km-long electrified line section between Sangaldan in Ramban district and Reasi** at a speed of **40 kmph,**
- This marks the **inaugural full train crossing** on the iconic bridge between **Dugga and Bakkal stations** over the Chenab river, **the highest arch railway bridge globally.**

- The electrification work on this section has been executed with state-of-the-art technology, **ROCS (Rigid Overhead Conductor System) at 25 kV, for the first time** on railway.

Chenab Rail Bridge

- It is located between **Bakkal and Kauri** in the **Reasi district of Jammu and Kashmir (J&K)**.
- The **1.3-km-long bridge** is located **359 metres** above the Chenab riverbed.
- It is the **highest single-arch railway bridge** in the world.
- It is part of the **Udhampur-Srinagar-Baramulla Rail Link project**.
- **life span of 120 years. Built to be ‘blast-proof’** and is capable of **withstanding** the nation’s maximum intensity **zone-V earthquake forces**.



SANSAD BREAKING:

| Surama Padhy elected as Odisha Assembly Speaker

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Surama Padhy Elected as Odisha Assembly Speaker/ सुरामा पाढी ओडिशा विधानसभा अध्यक्ष निर्वाचित

- Senior BJP leader Surama Padhy was elected unopposed as the Speaker of the Odisha Assembly.
- Ms. Padhy is the second woman to become Speaker of the Odisha Assembly after Pramila Mallick of BJD.
- Chief Minister : Mohan Charan Majhi
- Deputy Chief Ministers : K.V. Singh Deo, Pravati Parida

2024 Blue Planet Prize Laureates

The laureates of 2024

- › Current Year Laureates
- › The Laureates



Professor Robert Costanza

USA & Australia
Ecological Economics at the Institute for Global
Prosperity, University College London



**Intergovernmental Science-Policy
Platform on Biodiversity and
Ecosystem Services (IPBES)**

Secretariat: Bonn (Germany)

IPBES Awarded 2024 Blue Planet Prize/आईपीबीईएस को 2024 ब्लू प्लैनेट पुरस्कार से सम्मानित किया गया

- The Blue Planet Prize, **awarded by Japan's Asahi Glass Foundation** is a prestigious award that **recognizes important science and practical contributions to solving global environmental problems.**
- Every year, the Foundation selects two recipients, individuals or organizations
- The prize includes an award of \$500,000.
- The award ceremony will be held on October 23 in Tokyo, Japan

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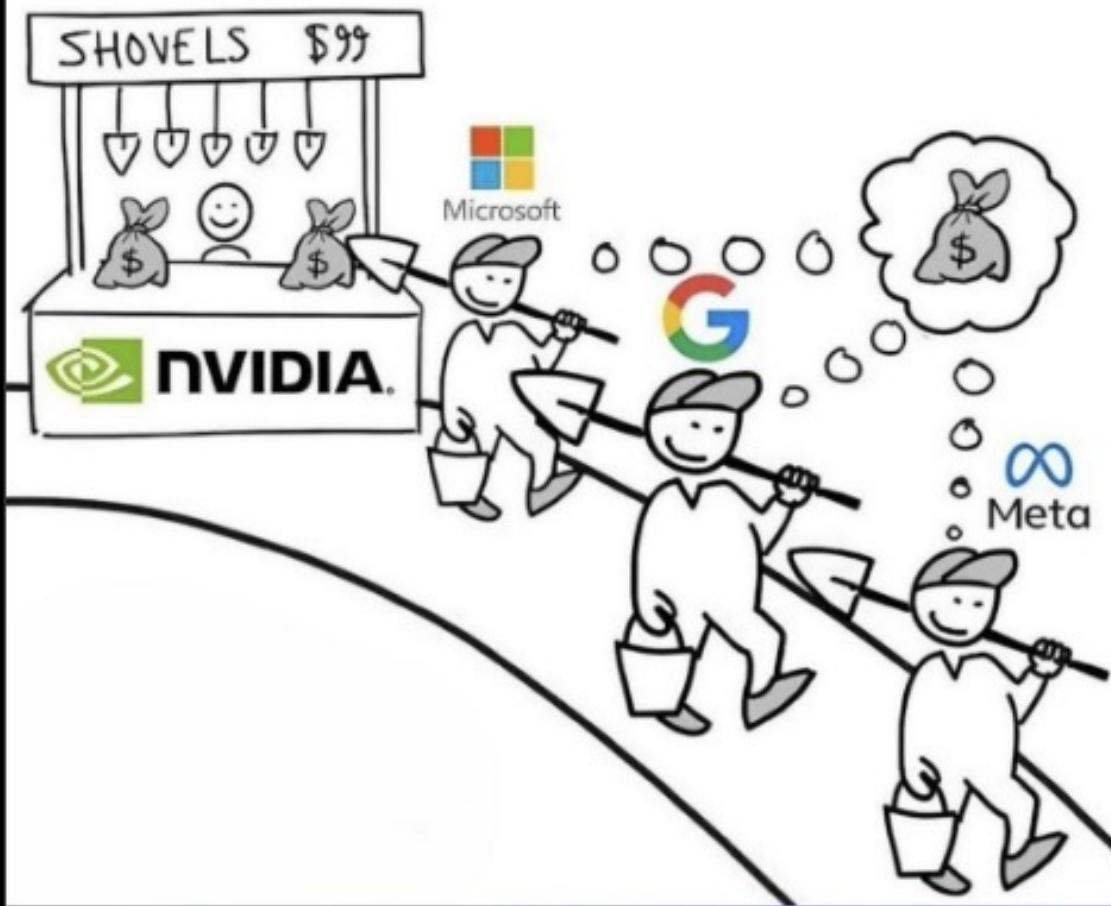
Winners

1. **Professor Robert Costanza** (University College London)
2. **Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES).**

Established on **April 21, 2012**, IPBES secretariat: **Bonn (Germany)**

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360°



Nvidia Overtakes Microsoft
to Become World's Most
Valuable Company



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Nvidia solidifies position as world's most valuable

company/एनवीडिया ने दुनिया की सबसे मूल्यवान कंपनी के रूप में अपनी स्थिति मजबूत कर ली है

- Nvidia lead as **the world's most valuable company**, after partners Dell and Super Micro Computer received server orders for Elon Musk's AI startup.

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Researchers Discover New Plant Species,
Petrocosmea arunachalense, in Arunachal
Pradesh.

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New Plant Species *Petrocosmea Arunachalense* Discovered/नई वनस्पति प्रजाति पेट्रोकोस्मिया अरुणाचलेंस की खोज की गई

- A team of researchers from the **Arunachal Pradesh Regional Centre of the Botanical Survey of India** has discovered a new plant species from the **Mandala region of West Kameng district** in Arunachal Pradesh.
- It has been named **Petrocosmea arunachalense**.
- **only the second known species** of the genus **Petrocosmea** found in India.
- The detailed research findings have been published in the latest issue of the **Nordic Journal of Botany**.

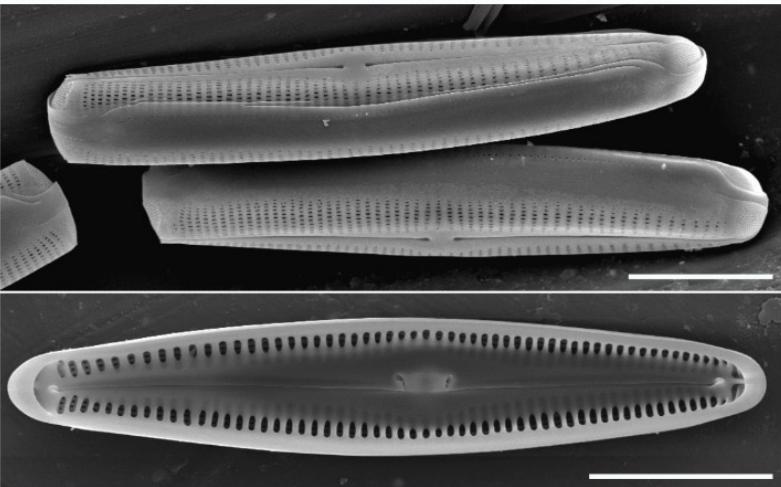
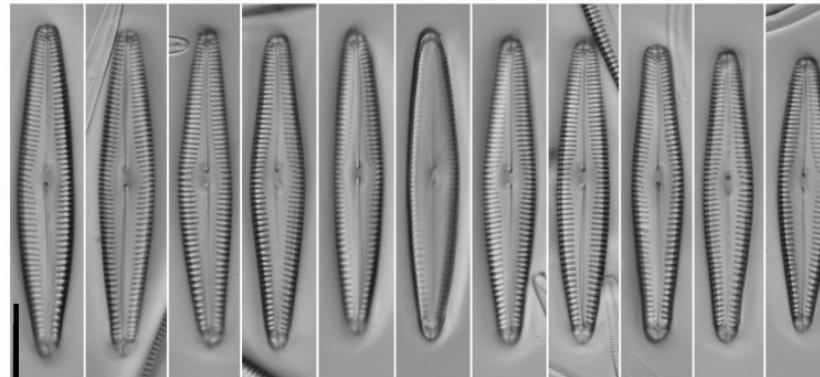
New freshwater "Diatom Genus" Indiconema discovered in India/भारत में मीठे पानी की नई "डायटम प्रजाति" इंडिकोनेमा की खोज हुई

- Researchers from the Agharkar Research Institute (ARI) in Pune have **discovered a new genus of diatoms** in the unpolluted waters of the **Eastern Ghats mountain range (Masila waterfalls, Tamil Nadu)**.
- One species of Indiconema has been reported from the Eastern Ghats and another from the Western Ghats
- The genus has been **named “Indiconema” due to its limited distribution within the country.**

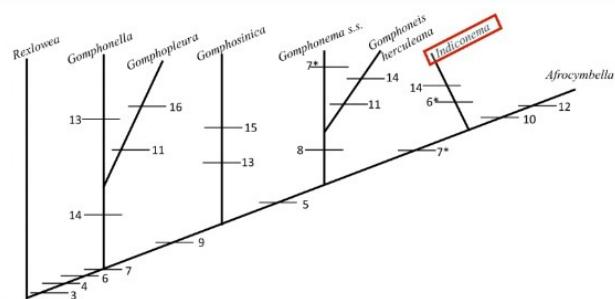
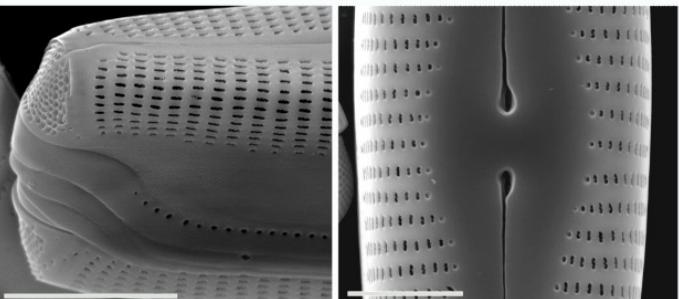
- Diatoms are microscopic algae that play a crucial role in **producing approximately 25 percent of the global oxygen supply**.
- They form the base of the **aquatic food chain and serve as valuable indicators of water quality due to their sensitivity** to changes in water chemistry.
- India boasts a rich diatom diversity, with an **estimated 6,500 taxa, of which 30 percent are endemic** (restricted to a particular region).
- **Indiconema** is closely related to **Afrocymbella**, a genus **endemic to East Africa**.

A new freshwater gomphonemoid diatom genus from India, with the description of a new species from the Eastern Ghats

- ⊖ ***Indiconema* gen nov.** a new gomphonemoid diatom genus from the Peninsular India.
- ⊖ ***Indiconema difforme* comb. nov.** was described from the clean water streams of the Western Ghats.



- ⊖ ***Indiconema cataractarum* sp. nov.** is only known from the type locality (Maasila Waterfalls), Kolli Hills region of Eastern Ghats, India.
- ⊖ Taxon sister to ***Afrocymbella***, an endemic to Africa, supports a close relationship of the flora between two regions.





Donald Sutherland, 'Hunger Games' and 'Ordinary People' actor, has died at age 88

The actor is survived by five children, including his 24 actor son Kiefer, whom he shared with ex-wife actress Shirley Douglas



n Classes

Actor Donald Sutherland dies at 88/अभिनेता डोनाल्ड सदरलैंड का 88 वर्ष की आयु में निधन

- well-known for his appearances in **Pride and Prejudice, M*A*S*H, The Hunger Games, and Ad Astra**
- Sutherland was never nominated for an Academy Award but received an **honorary Oscar in 2017**. He did win an **Emmy in 1995 for the TV film Citizen X** and won **two Golden Globes for Citizen X** and the 2003 TV film **Path to War**.

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David Johnson, former India pacer, dies at 52 in Bengaluru/भारत के पूर्व तेज गेंदबाज डेविड जॉनसन का 52 वर्ष की आयु में बैंगलुरु में निधन

- Former India pacer **David Johnson** has tragically passed away after falling from the balcony of his fourth-floor apartment in Bengaluru.
- Test debut against Australia in Delhi in 1996

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Celia Lobo, opera diva and mother of choreographer Ashley Lobo, dies at 87



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the
better
india

Take a Bow, Smriti Mandhana

First Indian to Score Consecutive
Hundreds in Women's ODIs



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Smriti Mandhana becomes first Indian woman to hit consecutive ODI hundreds, equals Mithali Raj's century tally/ स्मृति मंधाना लगातार वनडे शतक लगाने वाली पहली भारतीय महिला बनीं, मिताली राज के शतकों की बराबरी की

- Smriti Mandhana became the first Indian woman to record two consecutive ODI hundreds **during the second ODI against South Africa** at the M Chinnaswamy Stadium in Bengaluru
- Mandhana also equalled Mithali Raj for the most ODI centuries among Indian women

- **Most ODI hundreds among women**

Suzie Bates (New Zealand) – 12

- **Most ODI hundreds for India (women)**

- 7 – Mandhana
- 7 – Mithali Raj
- 6 – Harmanpreet Kaur



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Indian Tennis Teams bag Bronze at BRICS Games/भारतीय टेनिस टीम ने ब्रिक्स खेलों में कांस्य पदक जीता

- Indian women and men won the bronze medals in tennis at the BRICS Games in Kazan, Russia.



U.S. HOSTS COPA AMERICA 2024



**The Copa America 2024
football tournament
('soccer' to Americans)
will be played between
June 20 and July 14, 2024.**

lasses

2024 Copa America football tournament to Kick off in the USA/2024 कोपा अमेरिका फुटबॉल टूर्नामेंट अमेरिका में शुरू होगा

- The United States of America will host the **South American continental competition**.
- The 48th iteration of the **oldest football competition in history** including **national teams** will take place from **June 20 to July 14**.

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REVISION QUESTIONS

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Which news channel has been recognized as one of the most trusted news brands in India according to the Digital News Report 2024?

डिजिटल न्यूज रिपोर्ट 2024 के अनुसार किस समाचार चैनल को भारत में सबसे भरोसेमंद समाचार ब्रांडों में सै एक के रूप में मान्यता दी गई है?

- A) NDTV
- B) Times Now
- C) Akashvani News
- D) Republic TV

Ans: c

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Who were the recipients of the Blue Planet Prize in the year 2024?

वर्ष 2024 में ब्लू प्लैनेट पुरस्कार के प्राप्तकर्ता कौन थे?

- A) Professor Jane Goodall and World Wildlife Fund
- B) Professor Robert Costanza and Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)
- C) Intergovernmental Panel on Climate Change and Professor Wangari Maathai
- D) Professor Robert Costanza and United Nations Environment Programme

Ans: b

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The Chenab Rail Bridge is part of which rail link project?

चिनाब रेल पुल किस रेल लिंक परियोजना का हिस्सा है?

- A) Udhampur-Srinagar-Baramulla Rail Link project
- B) Delhi-Jammu-Srinagar Rail Link project
- C) Katra-Baramulla Rail Link project
- D) Jammu-Reasi-Srinagar Rail Link project

Answer: a

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Who was the first woman to become Speaker of the Odisha Assembly?

ଓଡିଶା ବିଧାନସଭା କି ଅଧ୍ୟକ୍ଷ ବନନେ ଵାଲୀ ପହଳୀ ମହିଳା କୌଣ ଥିଲୁ?

- A) Nandini Satpathy
- B) Surama Padhy
- C) Pramila Mallick
- D) Jayalalitha Patnaik

Ans: c

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On which of the following dates does the summer solstice typically occur in the Northern Hemisphere?

निम्नलिखित में से किस तिथि को उत्तरी गोलार्ध में ग्रीष्म संक्रांति आमतौर पर होती है?

- A) June 19
- B) June 18
- C) June 21
- D) June 23

Answer: c

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QUESTION OF THE DAY

When is the Poson festival celebrated in Sri Lanka?

श्रीलंका में पोसोन त्योहार कब मनाया जाता है?

- a. Purnima (Full Moon)
- b. Amavasya (New Moon)
- c. Ekadashi (Eleventh day after Full Moon or New Moon)
- d. Pradosham

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