Daily Current Affairs













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PDF

10 MCQ QUIZ



- In which region of Tamil Nadu has the Ministry of Petroleum and Natural Gas approved oil and gas exploration?
- तमिलनाडु के किस क्षेत्र में पेट्रोलियम और प्राकृतिक गैस मंत्रालय ने तेल और गैस अन्वेषण को मंजूरी दी है?
- A. Palk Bay / पाल्क खाड़ी
 - B. Gulf of Mannar / गल्फ ऑफ मन्नार
 - C. Kaveri Basin / कावेरी बेसिन
 - D. Andaman Basin / अंडमान बेसिन

- Which policy governs the recent oil and gas exploration initiative in Tamil Nadu?
- तमिलनाडू में हाल ही में शुरू किए गए तेल और गैस अन्वेषण की पहल किस नीति के तहत आती है?
- A. New Exploration Licensing Policy (NELP) / नई अन्वेषण लाइसेंसिंग नीति (NELP)
 - B. Hydrocarbon Exploration and Licensing Policy (HELP) / हाइड़ोकार्बन अन्वेषण और लाइसेंसिंग नीति (HELP)

 - C. National Energy Policy (NEP) / राष्ट्रीय ऊर्जा नीति (NEP) D. Strategic Energy Initiative (SEI) / स्ट्रैटेजिक एनर्जी इनिशिएटिव (SEI)

- Which mineral is India exploring in Zambia, Congo, and Australia to reduce dependence on China?
- भारत चीन पर निर्भरता कम करने के लिए ज़ाम्बिया, कांगो और ऑस्ट्रेलिया में किस खनिज की खोज कर रहा है?
- A. Iron ore / लौह अयस्क
 - B. Bauxite / बॉक्साइट
 - C. Lithium / लिथियम
 - D. Nickel / निकल

- What is the significance of lithium in the energy sector?
- ऊर्जा क्षेत्र में लिथियम का क्या महत्व है?
- A. It is used in petroleum refining / यह पेट्रोलियम परिशोधन में प्रयोग होता है
 - B. It is a key component in battery storage and electric vehicles / यह बैटरी भंडारण और इलेक्ट्रिक वाहनों का प्रमुख घटक है
 - C. It is a crucial metal in nuclear energy production / यह परमाणु ऊर्जा उत्पादन में एक महत्वपूर्ण धात् है
 - D. It is mainly used for making construction materials / यह मुख्य रूप से निर्माण सामग्री बनाने में उपयोग होता है

- India is working on a Free Trade Agreement (FTA) with which international organization?
- भारत किस अंतरराष्ट्रीय संगठन के साथ मुक्त व्यापार समझौते (FTA) पर काम कर रहा है?
- A. **G7**
 - B. **BRICS**
 - C. European Union (EU) / यूरोपीय संघ (EU)
 - D. ASEAN

- What is a key demand of the European Union in the India-EU FTA negotiations?
- भारत-यूरोपीय संघ मुक्त व्यापार समझौता वार्ता में यूरोपीय संघ की मुख्य मांग क्या है?
- A. Higher tariffs on Indian pharmaceutical exports / भारतीय दवा निर्यात पर अधिक शूल्क
 - B. Lower tariffs on European cars and alcohol / यूरोपीय कारों और शराब पर कम शुल्क
 - C. More regulations on Indian textile exports / भारतीय वस्त्र निर्यात पर अधिक नियम
 - D. Increased foreign direct investment (FDI) in agriculture / कृषि में प्रत्यक्ष विदेशी निवेश (FDI) में वृद्धि

- What is the unique feature of the newly tested Naval Anti-Ship Missile (NASM-SR)?
- नवीनतम परीक्षण किए गए नौसैनिक एंटी-शिप मिसाइल (NASM-SR) की विशेषता क्या है?
- A. It is India's first hypersonic missile / यह भारत की पहली हाइपरसोनिक मिसाइल है
 - B. It has a "Man-in-Loop" capability for real-time target adjustment / इसमें वास्तविक समय में लक्ष्य समायोजन के लिए "मैन-इन-लूप" क्षमता है
 - C. It is launched from submarines only / यह केवल पनडुब्बियों से लॉन्च किया जाता है
 - D. It can carry nuclear warheads / यह परमाणु हथियार ले जाने में सक्षम है

- What is the 'Herath' festival associated with?
- 'हेरथ' त्योहार किससे संबंधित है?
- A. Buddhist Monasteries of Ladakh / लद्दाख के बौद्ध मठों से
 B. Kashmiri Hindu Community and Lord Shiva / कश्मीरी हिंदू समुदाय और भगवान शिव से
 - C. Tribal celebrations in Jharkhand / झारखंड के आदिवासी उत्सर्वों से D. Harvest festival in Tamil Nadu / तमिलनाडु के फसल त्योहार से

- What is the significance of National Science Day celebrated on February 28?
- 28 फरवरी को मनाए जाने वाले राष्ट्रीय विज्ञान दिवस का महत्व क्या है?
- A. It marks the birthday of Dr. A.P.J. Abdul Kalam / यह डॉ. ए.पी.जे. अब्दुल कलाम की जयंती का प्रतीक है
 - B. It commemorates the discovery of the 'Raman Effect' by C.V. Raman / यह सी.वी. रमन दवारा 'रमन प्रभाव' की खोज की याद दिलाता है
 - C. It celebrates India's first nuclear test at Pokhran / यह पोखरण में भारत के पहले परमाणु परीक्षण का जश्न मनाता है . D. It marks the launch of India's first satellite Aryabhata / यह भारत के
 - पहले उपग्रह आर्यभट्ट के प्रक्षेपण का प्रतीक है

- What is the Hague Service Convention related to?
- हैग सेवा संधि (Hague Service Convention) किससे संबंधित है?
- A. International trade agreements / अंतरराष्ट्रीय व्यापार समझौते
 - B. Legal document service across international borders / अंतरराष्ट्रीय सीमाओं के पार कानूनी दस्तावेजों की सेवा

 - C. Cybersecurity regulations / साइबर सुरक्षा नियम

 D. Diplomatic immunity laws / राजनियक प्रतिरक्षा कानून

Always forgive your enemies; nothing annoys them so much.

- Oscar Wilde



Data from the National Family Health Surveys reveals that obesity has been increasing across India over the years FAQ » PAGE 11





SCIENCE » PAGE 10





INSIDE



Uncertainty in Gaza as truce draws to a close

GAZA CITY Israel-Hamas truce is drawing to a close on Saturday, but negotiations on the next stage have so far been inconclusive.

Hamas has so far freed 25 hostages and returned bodies of eight others to Israel, in exchange for hundreds of prisoners. 39 PAGE 12

SFI blamed for attack on Bengal Minister's vehicle

KOLKATA
The vehicle of West Bengal
Education Minister Bratya Basu
was attacked inside Jadavpur
University on Saturday. While
the Minister alleged the attack
was led by the Students
Federation of India, its
members said the website had members said the vehicle had driven over them. » PAGE 4

Kurdish group declares truce with Turkiye

ISTANBUL. Outlawed Kurdish militants on Saturday declared a ceasefire with Turkiye following a landmark call by iailed oader Abdullah Oralan aski

Four 'located' in Telangana tunnel; hope slim: Minister



B. Chandrashekhar

cials involved in the rescue operation along with Irri-gation Minister N. Uttam Kumar Reddy, said there

reabouts of four persons have been located through nave ween located through radar," the Minister said, according to PTI. He ex-pressed hope they would be extricated by Sunday

Asked about the condi-tion of the four, the Minis-ter recalled he had said on the first day itself that the chances of survival of the

trapped persons are

The authorities super-The authorities super-vising the rescue operation hoped that at least some of the victims buried beneath the muck in the area be-side the tunnel boring ma-chine (TBM) could be found by Saturday.

More delays But the delay in muck re-moval and clearing the TBM debris has kept that

hope at bay.
Mr. Rao said there was
still about 24 ft to 26 ft of

mud in the tunnel on the sides of the TBM.

With the hope that at least some of the trapped

persons could be extracted from the debris, the auth-orities have made arrange-

ments at the tunnel site, in-cluding lining up ambulances at the nearby

perts from Hyderabad has been directed to reach the

been directed to reach the tunnel site. Mr. Reddy also asked for oxygen cylinders to be kept ready for use, if required, at the site. (With PTI inputs)

A team of forensic ex-erts from Hyderabad has

Domalapenta village.

The rescue operations to pull out the eight persons rapped 14 km inside the Srisaliam Left Bank Canal February 22 saw a break-through on Saturday with the location of four of them likely identified. A Telangam Minister, however, put all at "1%." State Excise Minister Ju-State Excise Minister Ju-

State Excise Minister Ju-pally Krishna Rao, who at-tended a meeting with offi-

was much progress during the past couple of days. "In my view, the whe-

Four workers killed in Uttarakhand avalanche

Four still trapped as search continues amid heavy snowfall; at least eight of the rescued workers have suffered critical injuries; drones, radar, sniffer dogs are being deployed to assist operations

-

our civilian workers were still missing. were still missing, likely trapped under six feet of ice, as night fell on Saturday, two days after an avalanche hit a Border oads Organisat ing site at Mana village in Uttarakhand ttarakhand. On the second day of a

rescue operation taking place amid heavy snowfall at 10,000 feet above sea leest the post of the place of t area over the next 24 hours.

Helicopters used

Helicopters used with snow making the wind some making the cles, Army and Indian Air Force helicopters are being user for the recurse. The based intelligent buried object detection system to Army plans to employ ground penetrating radar containers inside which the five missing workers are believed to be staying.

ple possibly managed to es-cape the avalanche and ran towards Badrinath, and the remaining remained

said Lt. Gen. Anindya Sen Gupta, the General Officer Commanding-in-Chief of the Army's Central Com-mand, who arrived in Ma-na to review the rescue

operations. The Uttarakhand government said the wherea-bouts of one worker who escaped the ice slide was traced on Friday evening. traced on Friday evening, while another worker who fled the site had also reached his village without reporting to the authorities at Mana till he was traced

Minister Goyal to visit U.S. tomorrow for talks on trade agreement

Press Trust of India

Commerce and Industry Minister Piyush Goyal will visit Washington on Mon-day as India and the U.S. are planning to negotiate a bilateral trade agreement an official said.

The Minister is expected to be in the U.S. till Friday the official added. During the recent visit of Prime Minister Narendra Modi to Minister Narendra Modi to Washington, India and the U.S. announced their com-mitment to more than dou-ble the two-way commerce to \$500 billion by 2030 and negotiate the first tranche of a mutually be-neficial, multi-sector Bilat-eral Trade Agreement (BTA) by fall of 2025.

Tariff threats

The proposed agreemen is an opportunity to boos bilateral trade and invest ments between the two countries amid threat of U.S. President Donald Trump to impose higher tariffs on Indian goods.

Mr. Goyal is likely to
hold talks with U.S. Trade

Representative Jamieson Greer and U.S. Commerce Greer and U.S. Commerce Secretary Howard Lutnick during the visit. The Com-merce Ministry has already started engagements with different departments on the India-U.S. trade aspects

Mr. Goval has earlie Mr. Goyal has earlier stated that the two coun-tries can offer concessions and duty reductions, as their economies comple-ment each other.

Mounting difficulties: Tibetan Border Police personnel carry out rescue operations on Saturday, a day after an avalanche hit Border Roads Organisation building site at Mana village in Uttarkhand. Ava

Army sniffer dogs have also been deployed to search for the workers.

According to the Utta-rakhand government, there were 57 workers em-ployed at the BRO site, which is being dubbed as the last village before the Chinese border. Two workers had gone on leave but the rest are believed to have been sleeping in eight containers at the site when the avalanche crashed down on Friday.

"We learnt that 22 peotrapped under the ice,"

brought out on Saturday were later declared dead, the Army said. At least eight of the rescued work-ers have suffered critical injuries. The Army is yet to locate three of the eight containers in which the workers had been sleep-ing, and it is feared that the four missing workers are trapped within these containers.

Uttarakhand Chief Mi-nister Pushkar Dhami also reached Mana on Saturday on Saturday.

Ten workers were rescued on Friday, while another 13 were brought out alive on Saturday. Four

European leaders back Zelenskyy after U.S. fiasco | Take steps to ensure free Sriram Lakshmar

European leaders ex-pressed their solidarity with Ukrainian President Volodymyr Zelenskyy fol-lowing Friday's acrimonious interaction between the Ukrainian leader and U.S. President Donald Trump and Vice-President J.D. Vance. The Oval Office interaction led to Mr. Zelenskyy either choosing to leave – or being asked to leave – the White House without signing a deal on critical minerals.

"You are never alone. dear President Zelenskyy dear President Zelenskyy," European Commission President Ursula von der Leyen, who was in India on Friday, wrote on social me-dia site X. "We will conti-nue working with you for a just and lasting peace," she

CM (SIN)

Most European leaders did not directly refer to Mr. Trump in their messages. They have been re-apprais-ing the transatlantic rela-

tionship following the ver-bal attacks and tariff threats unleashed by Mr. Trump over the last few weeks as well as the fact that the U.S. did not invite Ukraine or other European countries to talks it had with Russia on February 18.

"...You are not alone," said Polish Prime Minister Donald Tusk, addressing his message to Ukrainians and Mr. Zelenskyy.

"We must never confuse aggressor and victim in aggressor and victim in this terrible war," said Frie-drich Merz, who is likely to be Germany's next Chan-cellor. Mr. Merz expressed his support for Ukraine in good and in "testing"

times.
"There is an aggressor: Russia. There is a victim: Ukraine," French President was the control of the con



Mr. Macron and U.K. Prime Minister Keir Starm-er had individual discussions with Mr. Trump at the Oval Office earlier this week. Both leaders inter-jected and fact-checked with the state of the con-oval Office press segments. However, there was bon-homic between the leaders the bullateral discussion and the bilateral discussion and the ensuing press confe-rence (which was can-celled in Mr. Zelenksyy's sions with Mr. Trump at

case) was positive in both

case) was positive in both cases; with the cases of the c

Friday. "In partnership with

our allies, we must intensi-fy our preparations for the European element of security guarantees, along side continued discussions with the United States," Mr. Starmer said on Saturday. Not all European lead-ers sided with Mr. Zelenskyy though. "Strong men make

peace, weak men make war. Today President Donald Trump stood bravely March 8. nald Trump stood bravely for peace. Even if it was dif-ficult for many to digest, said Hungary's President peace of the said of the said of the han has been at odds with host of his European Un-ion (EU), counterparts, gi-ven his pro-Russia position and close relationship with Russian President Vladimir

Russian President Vladimir Putin. Mr. Zelenskyy arrived in London on Saturday ahead of Sunday's summit.

movement in Manipur: Shah

Shah on Saturday chaired a high-level review meeting in New Delhi with top officials over the security sit-uation in Manipur, during which he directed authorities to ensure free movement of people on all roads across the State from

He is also said to have called for an early comple-tion of fencing of Mani-pur's border with Myan-

pur's border with Myan-mar and the dismantling of the drug network. The review meeting. The review meeting the purious meeting of the dis-tribution of the distribution of the Halla extended the period for civilians to voluntarily surrender looted and ille-urrender looted and ille-tof action till March 6. Mr. of action till March 6. Mr. Shalla had on February 20 issued a call for people to surrender the weapons.

Amit Shah

ders were arranged, in-cluding one in which the armed radical Meitei group

armed radical Meitel group Arambal Tenggol surren-dered about 250 weapons. At Saturday's review, the Manipur Security Ad-viser, the Intelligence Bu-reau Director, the Deputy Army commander of the Eastern Command, and the Directors-General of the Border Security Force, Central Reserve Polica

were in attendance. Mr. Shah also called for

the strictest of actions against anyone creating obstructions, according to a statement issued by the Union Home Ministry. Mr. Shah directed that

the fencing work on both sides of the designated entry points along Manipur's International Border to be finished at the earliest. "The entire network in-volved in the drug trade should be dismantled.", he said, according to the go-vernment statement. Mr. vernment statement. Mr Shah added that the Centre Shah added that the Centre remained "fully commit-ted" to restoring peace in the State. Meanwhile, the Kuki

Meanwhile, the Kuki Students' Organisation in Delhi & NCR and the Kuki-Zo Women's Forum in Del-hi NCR on Saturday sent a memorandum to the Prime Minister, seeking a separate administration.



Has Trump put up entry into the **Ú.S. for sale?**

What is the 'gold card' proposal? Will it replace the existing EB-5 visa programme?

Narayan Lakshman

The story so far:

The story so far:

J. President Donald Trump recently unveiled plans to sell \$5 million "gold workfull" resident permits to non-Americans workfull properties to properties the story to cattering the self-story to properties the story to properties the properties to properties the prope

Why replace the EB-5 visa?

Why replace the EB-5 visa?

The EB-5 visa was introduced in 1990 with the explicit aim of attracting foreign investors to the U.S. via the residency route, only requiring that they create and support jobs on U.S. soil via direct investment of capital. The investment direct investment of capital. The investment levels are set at \$8,00,000 in a "Targetal level Employment Area", one that faces a certain level Such areas. Critics of the EB-5 programme, primarily in the Trump administration, highlight he scope for abuse and frasid within this he scope for abuse and frasid within this aleased and frequency of EB-5 fraud and abuse are not available, there is a significant number of documented cases involving misuse of investor funds, for example developers diverting millions of dollars intended

The U.K. and Australia have experimented with similar 'golden use. In terms of governance, the visa' initiatives: in both governance, the U.S. Congress is responsible for countries it was determining citizenship scrapped 'after interest peaked at a few hundred applications this regard Mr.

reportedly said that Congressional approval may be unnecessary for the "gold card" visa, an approach that might cause consternation on Capitol Hill.

+ How much revenue will the card raise?

How much revenue will the card raise?
Mr. Trump, while announcing the scheme,
expressed hope that "If we sell a million, that's
expressed hope that "If we sell a million, that's
handle that the sell a million, that's
because I think there's really a thirst. "He also
noted that future recipients of the gold visa will
be "wealthy and successful and they "Ib e
spending a lot of more yand paying a lot of raises
of 75% of billionaires polled by a survey to that
asked if they would consider this visa indicated
that they would not opt for it, primarily because at that level of wealth, they anyway could set up businesses in the U.S. at a lower cost, have

businesses in the U.S. at a lower cost, have options to reside on U.S. soil, and could avoid the U.S. tax net on global income. Wet there appears to be a lack of spide of the U.S. tax net on global income. Wet there appears to be a lack of spide of the the unit of the u certain regulations or potentially cause political blowback for the White House if passed into law

What about other countries?

If we were to compare the experience of other advanced economies, both the U.K. and advanced economies, both the U.K. and Australia have experimented with similar Australia have experimented with similar to the control of the control of the control was scrapped "after interest peaked at a few hundred applications per year", according to London School of Economics Professor Kristin Portugal had similar experiences. Ms. Surak's 2023 book, The Golden Possport, examines the global market for citizenship and the wealthy

elites who buy their way through it. The U.K.'s trial of a "gold card" type programme raised another concern – former Home Secretary Suella Braverman said once to the U.K. Parliament that a closer examination o the U.K. Parliament that a closer examination or visa grantees indicated that some "were potentially at high risk of having obtained wealth through corruption or other illicit financial activity, and/or being engaged in serious and organised crime." When he was recently asked by media whether Russian oligarchs would be eligible for the card, Mr. Trump said, "Yeah, possibly... I know some Russian oligarchs that are very nice people."

How does this tie in with Trump's

5M ()

immigration paradigm? The Trump administration is currently in the process of carrying out mass deportations of undocumented migrants in the U.S. Even so, his White House has strongly supported legal migration. Add to this the MAGA focus on migration. Add to this the MAGA focus on gaining transactional advantage through dealmaking with other nations, and the gold visa scheme makes perfect sense as a means to monetise entry into the U.S., while spurring job creation. The test of the success of the programme will depend upon the numbers of those who take up the gold visa offer.

What were the objections to new Advocates Bill?

Why has the Advocates (Amendment) Bill, 2025 been retracted for now? Why is the Bar Council of India peeved with some of the proposed changes? Why are some of the amendments being

boycotts by

Aaratrika Bhaumik

The story so far:

n February 22, the Centre withdrew the contentious Advocates (Amendment) Bill, 2025, stating that a revised version incorporating public feedback will be introduced. The Bill sought to amend the Advocates Act, 1961. sought to amend the Advocates Act, 1961.
However, its introduction faced strong opposition from sections of the bar. The opposition from sections of the bar. The followed a letter from the Bar Council of India (BCI) to Union Law Minister Arjun Ram Meghwal, pointing out that the proposed amendments threatened the "autonomy and independence of the baz."

What is the objective of the BBII? The Law Ministry underscored the need to amend the 1961 Act to address "contemporary challenges" and align the legal profession with global best practices. It pointed out that seismic goods the practice the deposition of the control of the Advocates Bill, 2003, which was passed to eliminate "touts" and curb "superfluous enactments' in existing statutes.

Are lawyers allowed to go on strike?

A key point of contention in the Bill is its proposed ban on strikes and boycotts by lawyers, citing their disruptive impact on judicial proceedings. It introduces Section 35-A, explicitly prohibiting advocates and bar associations from abstaining from court work. Violations would constitute "misconduct," subjecting offenders to disciplinary action under the 1961 Act and the Bar Council of India Rules.



1975. However, the Bill clarifies that the restriction does not apply to strikes that do not "impede the administration of justice" and are intended to address "legitimate concerns about professional conduct," such as working conditions or administrative issues. Senior advocate Chander Lall underscored A key point its proposed ban on strikes and

that strikes are a legitimate means for lawyers to voice grievances. "The Bill's withdrawal was a voice grievances. "The Bill's withdrawal was a direct consequence of protests led by various bar associations. However, court boycotts and unitariated by the protest led by the best of the protest led by the best of the be

earliest vocal opponents of the Rowlatt Act, 1919, which granted the British government sweeping powers to arrest and detain individuals without powers to arrest and detain individuals without trial in colonial India. He organised widespread boycotts of British courts by Indian lawyers...Lawyers have long stood as the first line of defence in safeguarding the rule of law and preserving constitutional values," he said.

Is there executive control?

Is there executive control?

The proposed law allows the Centre to nominate up to three members to the BCI, alongside its existing members - the Attorney General, Solicitor General, and representatives from State Bar Councils. The BCI has strongly opposed this provision, calling it "draconian" and "arbitrarily inserted." The Blil also introduces Section 49B. inserted." The Bill also introduces Section 49B, empowering the Centre to issue binding directions to the BCL, set bar council eligibility criteria, and regulate the BCL's oversight of State largest Itigant, it should have no role in an autonomous body like the BCL. Such influence would undermine judicial independence, as told The Handa.

The amendments significantly expand the BCL's auch introduced to the Court." Mr. Lal GCL's authority, potentially rendering State bar councils redundant. Traditionally, misconduct disciplinary committees of State bar councils.

disciplinary committees of State bar councils. However, Section 45B now allows the BCI to hear complaints nationwide and suspend advocates at its discretion. Additionally, Section 48B empowers the BCI to dissolve a State bar council and replace it with a committee if it deems the council ineffective, Mr. Saxena

provisions. Stripping State councils of their core functions reduces them to mere adm bodies with no real authority." he sai

How will it impact corporate lawyers?
The Bill expands the definition of "legal
practitioner" under Section 2(t) to include
lawyers associated with foreign law firms,
corporate entities, and practising advocates. It
grants statutory recognition to corporate
lawyers working in law firms and as in-house counsel – a long-standing demand that has gained momentum in recent years. Additionally, the Bill empowers the Centre to formulate rules governing the entry of foreign law firms and lawyers into India. This has faced strong

severes into cells. The teget awarms am opposition from the BCI.

The Bar Council of India Rules for Registration opposition from the BCI.

The Bar Council of India Rules for Registration and Regulation of Foreign Lawyers and Foreign Law Firms in India, 2022, allows foreign lawyers and firms to practise law in India on a reciprocal and firms to practise law in India on a reciprocal ending the Post of the Politics of the Politics of the Politics of the Statutory mandate to permit such practice. "This proposed change would have had little impact on corporate lawyers in law firms, as most are unclearly and the Politics of the Politic implications are far more significant for in-house counsel. A crucial question is whether this move intends to gradually blur the distinction intends to gradually blur the distinction between 'advocates' and 'legal practitioners'. For instance, would in-house counsel be granter tribunals, and other judicial fora? Moreover, it could have definitively settled the long-standing debate on whether legal privilege excends to debate on whether legal privilege excends to employers", Mrinal Olba, partner at Solaris Legal told The Hinda. He further pointed out that while the structured entry of foreign law firms into India is a welcome development, the

firms into India is a welcome development, the proposed framework remains ambiguous Furiadictions like Singapore serve as valuable interests of international law firms and the domestic legal fraternity. However, for any regulations introduced by the Centre to be effective, they must be formulated in consultation with all key stakeholders – the BCI, bar associations, and the legal community at large." Mr. Opha added.

one hopes that inclusive dialogue will lead to meaningful reforms. Any changes must safeguard judicial independence and the autonomy of regulatory bodies," Mr. Lal stated.

Mr. Saxena further underscored the need to Mr. Saxena further underscored the need to consult High Courts before implementing any reforms, noting that Section 34 of the 1961 Act empowers them to regulate the practice of advocates before them and subordinate courts

Why is India staring at an obesity challenge?

Is there an urban-rural divide? How are prices affecting the right food intake? Why does the rise in obesity have a bearing on non-communicable diseases like diabetes? Why is childhood obesity an area of concern? What is likely to happen in adolescence and adulthood?

Zubeda Hamid

The story so far:

The story so far:

The relief this week, Prime Minister

Narendra Modi, in his 'Mann Ki Baar'

Narendra Modi, in his 'Mann Ki Baar'

Radio programme, highlighted the

alarming increase in obesity in the

country, particularly among children, and noted that obesity affected one in eight Indians. Mr. Modi urged people to reduce oil consumption by 10% each month and stressed that to build a of the nation, obesity needed to be addressed

What is the scale of the problem? Overweight and obserby are defined by the World Health Organization (WHO) as abnormal or excessive fat accumulation that presents a risk to health. Data from the National Family Health increasing across India over the years. The percentage of women who were overweight/obses grew from 20.6% during NFHS-4 (2015-16) to 24% during NFHS-5 (2019-21). The percentage of overweight/obese men increased from 18.9% to 22.9% during this men increased from 18-2% to 22.5% during this period. Urban numbers were significantly highe than rural numbers. A 2023 research paper in The Lancet Regional Health Southeast Asia that analysed the NFHS-5 data, found the prevalence

obesity is still primarily an urban middle class phenomenon in India, it is already

of abdominal obesity (assessed through waist circumference) in the country was 40% in women and 12% in men. Childhood obesity is also an area of concern: the percentage of children under five who were overweight rose from 2.1% to 3.4% from 2015-16 to 2019-21, as per NFHS data. With older to 2019-21, as per NFHS data. With older children the figures are higher – the World Obesity Atlas 2022 estimates that India will have a child obesity prevalence of 10.81% among 5 to 9-year-olds and 6.23% among 10 to 19-year-olds by 2030.

What are the health risks?
According to the WHO, obesty in adulthood is a
major risk factor for the world's leading causes
of poor health and early death. These include
cancers, diabetes and osteoarthritis. India leads
the world in the number of people with diabetes
at an estimated 101 million. The burden of
cancer is on the rise; from M.6 lakh cancer cases
in 2022, the number is projected to go up to 15.7
lakh in 2025, as per the inclina Council of
Programme. Moreover, cardiovascular disease Medical Research-National Cancer Registry Programme. Moreover, cardiovascular disease remains one of the leading causes of death and disability, reportedly affecting Indians at least It years earlier than in other countries. In fact,

years earlier than in other countries. In fact, non-communicable diseases (NCDs) now account for about 60% of all deaths in India. Being overweight in childhood and adolescence, the WHO says, affects children's and adolescents' immediate health and is associated with greater risk and earlier onset of various NCDs. It can also have adverse psychosocial consequences affecting school performance and quality of life, compounded by stigma, discrimination and bullying. Children with obesity are likely to be adults with obesity

Why is obesity on the rise?

Why is obesity on the rise." Rising levels of obesity in urban India are due to a combination of multiple factors: unhealthy dets loaded with ultra-processed foods, lowere levels of physical activity and even air pollution which provides inflammation that predisposes the body to cardio-metabolic diseases and visceral adiposity in the body." says K. Srinath

Reddy, distinguished professor of public health

Reddy, distinguished professor of public health, Public Health Foundation of India. Cost is another factor. Low-income households, especially those that depend on the households, especially those that depend on the carbohydrates through rice and wheat, says public health professional Vandana Prasad. "You can instruct people to eat better, but it is not possible if these foods are unaffordable, indian deficient in iron and proteins. Foods like fruits, wegetables, pulses, dairy and animal-based foods are all expensive. While at present obesity is still primarily an urban, middle class phenomenon in India, it is already rising among the rural poor, which may soon overtake other segments," she adds.

gments," she adds. A study in *The Lancet Global Health* last year A study in The Lancet Global Health last year said almost half of all Indians are not sufficiently physically active. "Even as indoor sedentariness is increasing due to the seated nature of office conditions are not conductive to safe and pleasurable physical activity," points out Dr. Reddy. The absence of safe cycling lanes and pedestrian paths are compounded by dimly-lit lanes; green spaces available for recreational physical activity are shranking while traffic physical activity are shranking while traffic in density and rising street crime deter walkers in

Is obesity being measured correctly?

Is obesity being measured correctly?
While the usual metric to measure obesity is the
Body Mass index (BMI), there has been a
growing debat about its limitations. BMI does
not indicate how much of the weight is fat and
where the fat is distributed in the body. Fat in
the abdomen particularly — something that
Indians are genetically predisposed to accumulating – contributes to metabolic syndrome, a group of risk factors that increase the chances of developing type 2 diabetes,

stroke and heart disease.

This January, experts in India issued updated guidelines for obesity treatment and diagnosis that placed special emphasis on abdominal fat distribution. The classification introduces two distribution. The classification introduces two stages in obesity — the first stage where there is increased adiposity without discernible effects on organ functions or daily activities, and the second, where both physical and organ functions are impacted. It recommends the use of waist circumference or waist-to-height ratio and body far measurements, alonguide BMI, to

Why is India staring at an obesity challenge?

Is there an urban-rural divide? How are prices affecting the right food intake? Why does the rise in obesity have a bearing on non-communicable diseases like diabetes? Why is childhood obesity an area of concern? What is likely to happen in adolescence and adulthood?

Zubeda Hamid

The story so far:

arlier this week, Prime Minister Narendra Modi, in his 'Mann Ki Baat' radio programme, highlighted the alarming increase in obesity in the country, particularly among children, and noted that obesity affected one in eight Indians. Mr. Modi urged people to reduce oil consumption by 10% each month and stressed that to build a healthy nation, obesity needed to be addressed.

What is the scale of the problem?

Overweight and obesity are defined by the World Health Organization (WHO) as abnormal or excessive fat accumulation that presents a risk to health. Data from the National Family Health Surveys (NFHS) reveals that obesity has been increasing across India over the years. The percentage of women who were overweight/obese grew from 20.6% during NFHS-4 (2015-16) to 24% during NFHS-5 (2019-21). The percentage of overweight/obese men increased from 18.9% to 22.9% during this period. Urban numbers were significantly higher than rural numbers. A 2023 research paper in *The Lancet Regional Health Southeast Asia* that analysed the NFHS-5 data, found the prevalence

While obesity is still primarily an urban, middle class phenomenon in India, it is already rising among the rural poor

of abdominal obesity (assessed through waist circumference) in the country was 40% in women and 12% in men.

Childhood obesity is also an area of concern: the percentage of children under five who were overweight rose from 2.1% to 3.4% from 2015-16 to 2019-21, as per NFHS data. With older children the figures are higher – the World Obesity Atlas 2022 estimates that India will have a child obesity prevalence of 10.81% among 5 to 9-year-olds and 6.23% among 10 to 19-year-olds by 2030.

What are the health risks?

According to the WHO, obesity in adulthood is a major risk factor for the world's leading causes of poor health and early death. These include cardiovascular disease, several common cancers, diabetes and osteoarthritis. India leads the world in the number of people with diabetes at an estimated 101 million. The burden of cancer is on the rise; from 14.6 lakh cancer cases in 2022, the number is projected to go up to 15.7 lakh in 2025, as per the Indian Council of Medical Research-National Cancer Registry Programme. Moreover, cardiovascular disease remains one of the leading causes of death and disability, reportedly affecting Indians at least 10 years earlier than in other countries. In fact, non-communicable diseases (NCDs) now account for about 60% of all deaths in India.

Being overweight in childhood and adolescence, the WHO says, affects children's and adolescents' immediate health and is associated with greater risk and earlier onset of various NCDs. It can also have adverse psychosocial consequences affecting school performance and quality of life, compounded by stigma, discrimination and bullying. Children with obesity are likely to be adults with obesity.

Why is obesity on the rise?

"Rising levels of obesity in urban India are due to a combination of multiple factors: unhealthy diets loaded with ultra-processed foods, lowered levels of physical activity and even air pollution which provokes inflammation that predisposes the body to cardio-metabolic diseases and visceral adiposity in the body," says K. Srinath Reddy, distinguished professor of public health, Public Health Foundation of India.

Cost is another factor. Low-income households, especially those that depend on the public distribution system, eat more carbohydrates through rice and wheat, says public health professional Vandana Prasad. "You can instruct people to eat better, but it is not possible if these foods are unaffordable. Indian diets, especially among poor families, are deficient in iron and proteins. Foods like fruits, vegetables, pulses, dairy and animal-based foods are all expensive. While at present obesity is still primarily an urban, middle class phenomenon in India, it is already rising among the rural poor, which may soon overtake other segments," she adds.

A study in *The Lancet Global Health* last year said almost half of all Indians are not sufficiently physically active. "Even as indoor sedentariness is increasing due to the seated nature of office work and use of digital devices, outdoor conditions are not conducive to safe and pleasurable physical activity," points out Dr. Reddy. The absence of safe cycling lanes and pedestrian paths are compounded by dimly-lit lanes; green spaces available for recreational physical activity are shrinking while traffic density and rising street crime deter walkers in many urban zones.

Is obesity being measured correctly?

While the usual metric to measure obesity is the Body Mass Index (BMI), there has been a growing debate about its limitations. BMI does not indicate how much of the weight is fat and where the fat is distributed in the body. Fat in the abdomen particularly – something that Indians are genetically predisposed to accumulating – contributes to metabolic syndrome, a group of risk factors that increases the chances of developing type 2 diabetes, stroke and heart disease.

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ISTOCKPHOTO

- India's Growing Obesity Challenge (भारत में बढ़ती मोटापे की समस्या)
- Obesity is rising in India, especially among children and middle-class populations.
- PM Narendra Modi emphasized the need to reduce oil consumption by 10% to promote a healthier nation.
- Childhood obesity is a growing concern, with projections of rising obesity rates in children by 2030.
- **Obesity in adults increases the risk of non-communicable diseases
 (NCDs) like diabetes, cardiovascular disease, and cancer.

- (भारत में मोटापा तेजी से बढ़ रहा है, विशेष रूप से बच्चों और मध्यम वर्ग में।
- पीएम नरेंद्र मोदी ने 10% तेल की खपत कम करने पर जोर दिया।
- बचपन में मोटापा एक बढ़ती हुई समस्या है, और 2030 तक यह तेजी से बढ़ने की संभावना है।
- **वयस्कों में मोटापा गैर-संचारी रोगों (NCDs) जैसे मधुमेह, हृदय रोग और कैंसर के जोखिम को बढ़ाता है।)

- The Scale of the Problem (समस्या का पैमाना)
- WHO defines obesity as abnormal fat accumulation posing health risks.
- According to NFHS-5 (2019-21), obesity in men increased from 18.9% to 22.9%, and in women from 20.6% to 24%.
- Urban obesity rates are significantly higher than rural areas.
- A Lancet study showed that 40% of women and 12% of men in India suffer from abdominal obesity.

- (WHO मोटापे को असामान्य वसा संचय के रूप में परिभाषित करता है, जिससे स्वास्थ्य जोखिम बढ़ता है।
- NFHS-5 (2019-21) के अनुसार, पुरुषों में मोटापा 18.9% से बढ़कर 22.9% और महिलाओं में 20.6% से 24% हो गया।
- शहरी क्षेत्रों में मोटापा ग्रामीण क्षेत्रों की तुलना में अधिक है।
- लांसेट अध्ययन के अनुसार, भारत में 40% महिलाएँ और 12% पुरुष पेट के मोटापे से पीड़ित हैं।)

- 3. Health Risks (स्वास्थ्य जोखिम)
- Obesity increases the risk of cardiovascular diseases, diabetes, cancer, and osteoarthritis.
- **India has the world's second-highest number of diabetics.
- Non-communicable diseases (NCDs) account for 60% of all deaths in India.
- Children and adolescents with obesity face greater risks of mental health issues, social discrimination, and bullying.

- (मोटापा हृदय रोग, मधुमेह, कैंसर और गठिया के जोखिम को बढ़ाता है।
- **भारत में दुनिया में दूसरा सबसे अधिक मधुमेह रोगियों की संख्या है।
- गैर-संचारी रोग (NCDs) भारत में कुल मौतों का 60% कारण हैं।
- मोटे बच्चों और किशोरों को मानसिक स्वास्थ्य समस्याओं, सामाजिक भेदभाव और बुलिंग का अधिक खतरा होता है।)

- . Why is Obesity Rising? (मोटापा क्यों बढ़ रहा है?)
- Changing lifestyles in urban India (sedentary jobs, less physical activity, fast food consumption).
- **Digital screen time and fewer outdoor activities** are reducing physical movement.
- **High cost of nutritious food** like vegetables, pulses, and dairy makes healthy eating difficult for low-income groups.
- Urban spaces for exercise and cycling are shrinking.

(शहरी भारत में बदलती जीवनशैली (बैठे-बैठे काम, कम शारीरिक गतिविधि, फास्ट फूड की अधिकता)।

डिजिटल स्क्रीन टाइम और कम आउटडोर गतिविधियाँ शारीरिक गतिविधि को कम कर रही हैं।

पौष्टिक भोजन की उच्च लागत जैसे सब्जियां, दाल, और डेयरी, गरीब वर्गों के लिए स्वस्थ आहार को कठिन बना रही हैं।

व्यायाम और साइक्लिंग के लिए शहरी स्थान सिकुड़ रहे हैं।)

- How is Obesity Measured? (मोटापा कैसे मापा जाता है?)
- Traditionally measured using Body Mass Index (BMI), but it does not indicate fat distribution in the body.
- Abdominal obesity is considered a better indicator, especially for diabetes and cardiovascular risks.
- In January 2024, India introduced new guidelines recommending waist-to-height ratio as an additional measure.

Chart 3: State-wise change in share of overweight/obese women between NFHS-4 (2015-16) and NFHS-5 (2019-2021) (in %)



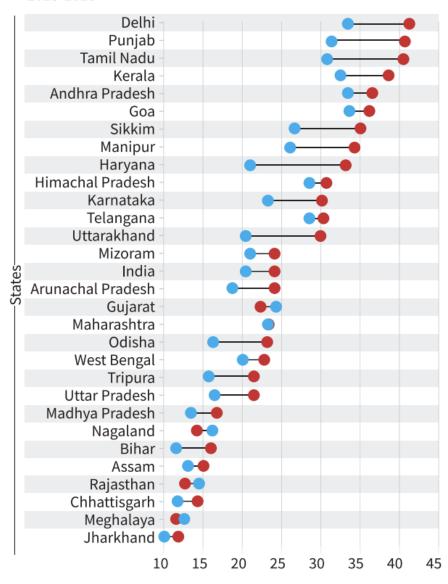
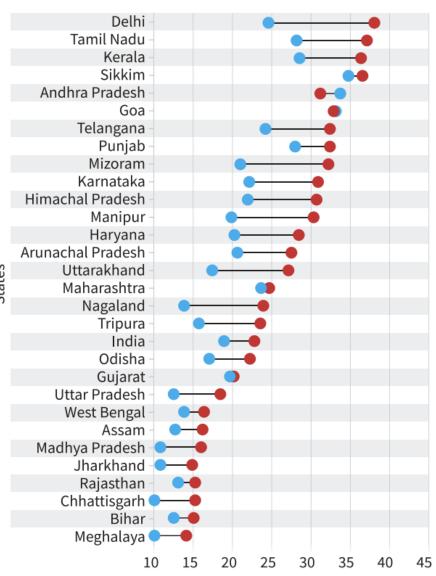


Chart 4: State-wise change in share of overweight/obese men between NFHS-4 (2015-16) and NFHS-5 (2019-2021) (in %)

2015-20162019-2021



'Not sorry, but thanks', says Zelensky; ready for US deal

'US, Ukraine Stay Partners Despite Tough Dialogue'

day after the televised spat with Donald Trump, Ukrainian president Volodymyr Zelensky thanked the American president and the people for their help and said he was ready to sign the deal for Kyiv's rare minerals as "the first step toward security guarantees".

In a long thread of posts on X, Zelensky acknowledged, "It will be difficult without the US support. But we can't lose our will, our freedom, or our people... If we cannot be accepted to Nato, we need some clear structure of security guarantees from our allies in the US."

Zelensky, Trump and US

...I'm not sure we did something bad (on face-off)

It's crucial for us to have President Trump's support. He wants to end the war, but no one wants peace more

than we do. We're ready to sign the minerals agreement, it will be the first step toward security guarantees

-Ukrainian Prez Zelensky

He (Zelensky) can come back when he is ready for peace... He's looking to go on and fight, fight, fight... I want somebody that's going to make peace

—US Prez Trump

How Trump and Vance held back from hitting that scumbag (Zelensky) is a miracle of restraint —Russian foreign ministry

You're very, very welcome here in Downing Street... you have full backing across the UK, and we stand with you, with Ukraine, for as long as it may take

—British PM Keir Starmer to Zelensky

vice-president J D Vance sparred in front of TV cameras Friday, with Vance saying the Ukrainian president had not thanked the US president and Trump saying, "...if we're out, you'll fight it out and I don't think it's going to be pretty".

Asked on Fox News if he

would apologise to Trump, Zelensky refused, and said, "despite the tough dialogue, we remain strategic partners. But we need to be...direct with each other to truly understand our shared goals." Zelensky said he is ready to sign the minerals agreement in exchange

for security — the purpose of his visit to the White House which led to the showdown. The Ukrainian president left in a huff and arrived in London Saturday, ahead of a summit on Sunday organised by British PM Keir Starmer with other European leaders.

"We are ready to sign the minerals agreement, and it will be the first step toward security guarantees. But it's not enough, and we need more than just that. A ceasefire without security guarantees is dangerous for Ukraine. We've been fighting for three years. and Ukrainian people need to know that America is on our side," he said. Trump, who headed to Florida for the weekend, told reporters that Zelensky was "looking to go on and fight, fight, fight". AGENCIES

▶Continued on P 14



Court orders FIR against Buch, 5 others NEWS to PAGE 4





to pressure Hamas

WORLD » PAGE 14

The student and the three language debate How the most important stakeholder is forgotten ITORIAL » PAGE 8



INSIDE



Trapped workers will be located

HYDERABAD

Kerala man is killed in Army fire in Jordan

THIRUVANANTHAPURAM confirmed the death of a Keralite in firing by the Army identified as Thomas Gabrie Periera. His travel companior Edison, was injured. to PAGE 5

EPFO claims huge liability to pay off higher pension

NEW DELHE
The Employees Provident Fun
Organisation may have to
spend ₹1,86,920 crore to pay
just 50% of the total applicants
for a higher pension, as per a
note circulated to the Central
Board of Trustees. » PAGE 6

Imran calls for global bein to save democracy

ISLAMABAD Pakistan's jailed form

Minister Imran Khan has appealed to the internation community, particularly the U.S, to reaffirm its and human rights. >> PAGE 14

EC to remove all duplicate voter ID numbers

Election panel says it will ensure each voter gets a unique EPIC number, blames duplication on manual method used earlier; poll body clarifies that while some numbers may be identical, other facts including demographic details, constituency and polling booth are different in such cards; Trinamool says panel's admission proves charge of fraud

aking cognisance of reports that certain electors in one State have voter ID num-bers matching those issued in another State, the Elec-tion Commission on Sunday said irrespective of the number on the elector photo identity card (EPIC).

enrolled. The EC, however, said it

would remove the duplicawould remove the duplica-tion and ensure that each voter got a unique number. The IO-digit number is printed on the ID card is-sued to each elector.

In a statement, the commission said: "It is clarified that while EPIC numbers of some of the electors of some of the electors may be identical, the other details including demographic details, Assembly Constituency and polling to constituency and polling electors with the same EPIC number."

On February 27, West Bengal Chief Minister Manota Banerjee alleged that

Irrespective of the EPIC number, electors can cast a vote only at their designated polling station... Any case of duplicate EPIC number will be rectified by allotting a unique EPIC number

the BJP, with the blessings of the commission, was ad-ding voters from other States to the West Bengal voter list. She cited a few EPIC numbers of people of the State being linked to those living in Haryana, Gujarat and Punjab. Some

series by a decentralised and manual mechanism followed prior to shifting of the electoral roll database to the ERONET platform. This resulted in certain State/UT CEO offices using the same EPIC alphanu-meric series and leaving a scope for the possibility of duplicate EPIC numbers being allotted to electors in different Assembly Consti-

The EC said some elec-tors from different States

and Union Territories were allotted identical numbers/

ERONET is a Web-based ERONET is a Web-based platform developed for election officials, in multi-ple languages and scripts, to handle all processes per-taining to registration, mi-gration, and deletion of names from the electoral

The ERONET 2.0 platform will be updated to aid and assist in this process," it said.

Ms. Banerjee has ac-

Updated process
The commission said that
to allay any apprehension,
it had decided to ensure allotment of unique EPIC
numbers to every registered elector. "Any case of
duplicate EPIC number."

Ms. Banerjee has ac-cused the BJP of appoint-ing several agencies for manipulating the electoral rolls in West Bengal with the blessings of the EC. She the blessings of the EU. She alleged that the electorial rolls of West Bengal were being manipulated so that the BJP could bring in peo-ple from other States to vote in the Assembly elec-tion in 2026.

Days of prayer



The mission is aimed at reducing costs and supporting Artemis, the

Month of fasting: People praying at the Grand Mosque in Srinagar on the first day of the month of Ramzan. IMINN NISSAI

U.K., other nations will work on Ukraine deal: Starmer

Sriram Lakshmar

The U.K. will work with France and other coun-tries to arrive at a peace deal between Ukraine and deal between Ukraine and Russia and present that to U.S. President Donald Volume and the Company of the Company

one or two others, will work with Ukraine on a plan to stop the fighting, and then we'll discuss that plan with the United States," Mr. Starmer said during a BBC interview on

sunday, Mr. Starmer had apoken with Mr. Trump, and apoken with Mr. Trump, mel Marcon as well as Mr. Zelenskyy and they had agreed to the new acqueed to the new acque ummit meeting between European leaders, Cana-dian Prime Minister Justin Trudeau, Turkish foreign

minister Hakan Fidan and NATO chief Mark Rutte. Following the Summit, Mr. Starmer said the coun tries had agreed a four-step process that would involv ontinued aid to Ukraine continued aid to usranic and economic pressure on Russia. The process would also require Ukraine to have a seat at the negotiat-

ing table.
Third, it would involve Third, it would involve boosting Ulraine's defences and, finally, a "coalition of the willing" would guarantee the peace after any ceasefire.

Mr. Starmer indicated that some – not all – of the

countries present at the summit would be part of this coalition. sovereignty.

Following the Oval Of-fice meeting, Mr. Zelen-skyy had said the relationthis coalition.

Europe must "do the heavy lifting" for a peace deal, Mr. Starmer said, as he reiterated the need for any deal to have U.S. backing. The British Prime Minister suggested that Mr. Trump supported this, else he [Mr. Starmer] would not have been exploring the idea further. He also de-fended the U.S.'s reliability

as an ally. Following Friday's spat. Mr. Starmer said he was working as a "bridge" bet-ween Mr. Zelenskyy and

ween Mr. Zelenskyy and Mr. Trump.
"Yes I felt uncomforta-ble, nobody wants to see that," he told the BBC, reacting to the happenings at the Oval Office.

Trump's motivation Mr. Starmer said he was ve-ry sure that Mr. Trump's motive was to achieve last ing peace. There is scepti-cism in Europe around Mr. Trump's motivations as he had declared a shift in U.S. foreign policy and, more recently, focused primarily on Ukraine signing a deal on a U.S.-Ukraine partner-ship to extract Ukrainian

Mr. Trump had called Mr. Zelenskyy a "dictator" last month and had ac-cused Ukraine of starting cused Ukraine of starting the war. He has also been critical about the Euro-pean Union, a traditional ally of the U.S. Last week, the U.S. voted with Russia against a United Nations General Assembly resolu-tion drafted by the Euro-peans condemning Rus-

sia's invasion of Ukraine's and affirming Ukraine's

ship with Mr. Trump could be salvaged and that he wanted Mr. Trump to "be more on our side". Mr. Trump has said he priori tises ending the war imme diately, while Mr. Zelen skyy and Europe are focused on the terms and

Mr. Starmer is one of a Mr. Starmer is one of at least three intermediaries that have emerged between the Ukrainians and the Ukrainians and the start of the st

over the weekend.

Ms. Meloni, who is close to Mr. Trump as well as to tech billionaire and U.S. go most conservative leaders. She did not publicly put out a message of support to Mr. Zelenskyy following Friday's incident. However, under her, Italy has been a strong supporter of Ukraine since it was invac ed by Russia just over three

years ago.
Speaking to the press at her bilateral meeting with her bilateral meeting with Mr. Starmer, Ms. Meloni said it was "very, very im-portant" to avoid a split in the West, as she backed a "just and lasting" peace for Ukraine. The Italian pre-mier has proposed a meet-ing between Mr. Trump and European leaders.

In a first, private spacecraft lands upright on moon

tion-tolerant computer

and an experiment testing the feasibility of using the

vigation system to navigate the Moon.

Associated Press

A U.S. company successful-ly landed its spacecraft on the moon on Sunday, marking only the second private mission to achieve the milestone – and the

first to do so upright.
Firefly Aerospace's Blue
Ghost Mission 1 touched
down shortly after 3.34 a.m. U.S. Eastern Time (0204 IST) near Mons Lation in Mare Crisium on the

"Y'all stuck the landing, we're on the moon," an engineer at mission control in Austin, Texas, called out as the team erupted in

CM (IIII

cheers. A space Falcon is from control to the first private landing last February, which came down will will be specified in the first private landing last February, which came down will be specified in the first private landing in the first privat

rate, rejoiced.

The first image from the lander revealed the rocky, pockmarked terrain it had to autonomously navigate in order to select its touch-down spot, having slowed down from thousands of miles per hour to Just two mob. mph. Nicknamed "Ghost Rid-

ers in the Sky," the mission is part of a NASA-industry partnership aimed at re-ducing costs and support-ing Artemis, the pro-gramme designed to return astronauts to the

Size of a hippopotamus The golden lander, about the size of a hippopota-mus, launched on January on a SpaceX Falcon 9

the Moon.

Designed to operate for a full lunar day (4 earth and the season of the sea

programme designed to return astronauts to the moon. AP creating the mysterious lu nar horizon glow first doc umented by Apollo astroexisting global satellite na- naut Eugene Cernan.

Hopping drone Blue Ghost's arrival will be followed on March 6 by fel-

sion, featuring its lander Athena. Athena.

In February 2024, Intuitive Machines became the first private company to achieve a soft lunar landing – also the first U.S. landing since the crewed Apollo 17 mission of 1972. However, the success was tempered by a mishap: the lander came down too fast and tipped over on im-pact, leaving it unable to generate enough solar power and cutting the mis-sion short.

sion short.

This time, the company says it has made key improvements to the hexagonal-shaped lander, which has a taller, slimmer profile than Blue Ghost, and is around the height of an adult giraffe.

Athena launched on Wednesday aboard a SpaceX rocket, taking a more direct route toward Mons most lunar landing site ev er attempted. Until Intuitive Machines first successful mission, only five national space agencies had accom-

agencies had accom-plished this feat: the Soviet Union, the United States, China, India and Japan, in that order. Now, the U.S. is working to make private lu-nar missions routine through NASA'S \$2.6 billion Commercial Lunar Pay-load Services programme.

In a first, private spacecraft lands upright on moon

Associated Press

WASHINGTON

A U.S. company successfully landed its spacecraft on the moon on Sunday, marking only the second private mission to achieve the milestone — and the first to do so upright.

Firefly Aerospace's Blue Ghost Mission 1 touched down shortly after 3.34 a.m. U.S. Eastern Time (0204 IST) near Mons Latreille, a volcanic formation in Mare Crisium on the moon's northeastern near side.

"Y'all stuck the landing, we're on the moon," an engineer at mission control in Austin, Texas, called out as the team erupted in cheers.

CEO Jason Kim confirmed that the spacecraft was "stable and upright" – in contrast to the first private landing last February, which came down sideways.

"We're on the Moon!" Nicky Fox, associate administrator for NASA's Science Mission Directorate, rejoiced.

The first image from the lander revealed the rocky, pockmarked terrain it had to autonomously navigate in order to select its touchdown spot, having slowed down from thousands of miles per hour to just two mph.

Nicknamed "Ghost Riders in the Sky," the mission is part of a NASA-industry partnership aimed at reducing costs and supporting Artemis, the programme designed to return astronauts to the moon.

Size of a hippopotamus

The golden lander, about the size of a hippopotamus, launched on January 15 on a SpaceX Falcon 9 rocket, capturing stunning footage of the earth and the moon along its 2.8 million mile journey.

It shared a ride with a Japanese company's lander set to attempt a landing in May.

Blue Ghost carries 10 instruments, including a lunar soil analyser, a radia-



The mission is aimed at reducing costs and supporting Artemis, the programme designed to return astronauts to the moon. AP

tion-tolerant computer and an experiment testing the feasibility of using the existing global satellite navigation system to navigate the Moon.

Designed to operate for a full lunar day (14 earth days), Blue Ghost is expected to capture high-definition imagery of a total eclipse on March 14, when the earth blocks the sun from the moon's horizon.

On March 16, it will record a lunar sunset, offering insights into how dust levitates above the surface under solar influence –

creating the mysterious lunar horizon glow first documented by Apollo astronaut Eugene Cernan.

Hopping drone

Blue Ghost's arrival will be followed on March 6 by fellow Texas company Intuitive Machines' IM-2 mission, featuring its lander Athena.

In February 2024, Intuitive Machines became the first private company to achieve a soft lunar landing – also the first U.S. landing since the crewed Apollo 17 mission of 1972.

However, the success was tempered by a mishap: the lander came down too fast and tipped over on impact, leaving it unable to generate enough solar power and cutting the mission short.

This time, the company says it has made key improvements to the hexagonal-shaped lander, which has a taller, slimmer profile than Blue Ghost, and is around the height of an adult giraffe.

Athena launched on Wednesday aboard a SpaceX rocket, taking a more direct route toward Mons Mouton – the southernmost lunar landing site ever attempted.

Until Intuitive Machines' first successful mission, only five national space agencies had accomplished this feat: the Soviet Union, the United States, China, India and Japan, in that order. Now, the U.S. is working to make private lunar missions routine through NASA's \$2.6 billion Commercial Lunar Payload Services programme.

- First Private Spacecraft Lands Upright on the Moon (पहली निजी अंतरिक्ष यान ने चंद्रमा पर सीधा उतरने में सफलता पाई)
- Firefly Aerospace's Blue Ghost Mission 1 successfully landed on the Moon on February 25, 2024.
- This marks the second private mission to the Moon but the first to land upright.
- It landed near Mons Laetrelle, a volcanic formation in Mare Crisium, in the Moon's northeastern region.
- The mission is part of NASA's Artemis program to return astronauts to the Moon.

- 2. Technical Features (तकनीकी विशेषताएँ)
- The lander, called "Ghost Riders in the Sky," was developed under NASA's industry partnership.
- It carried 10 instruments, including a lunar soil analysis tool, a radiation-tolerant computer, and an experiment on global satellite navigation.
- It successfully captured images of Earth and the Moon during its journey

- 3. Scientific Goals (वैज्ञानिक उद्देश्य)
- To capture high-definition images of the Moon and Earth.
- To study the lunar horizon glow and how dust levitates on the Moon's surface.
- To collect data for future Artemis missions, which aim to establish a permanent human presence on the Moon.

- 4. Challenges and Improvements (चुनौतियाँ और सुधार)
- Previous private lunar missions faced difficulties, including tip-over landings and solar power failures.
- This lander, with a taller and slimmer profile, aims to overcome those challenges.
- Athena, a lander from Intuitive Machines, is expected to follow this landing on March 6, 2024.

- C. Geographical Aspects (भौगोलिक पहलू)
- Mons Laetrelle in Mare Crisium is a new lunar landing site with potential scientific importance.
- Lunar landings help in understanding Moon's geography, which can be useful for future human colonization.

Major Moon Missions for UPSC Exam

Mission Name	Country/Agency	Year	Objective	Key Achievements
Apollo 11	USA (NASA)	1969	First human landing on the Moon	Neil Armstrong & Buzz Aldrin walked on the Moon
Chandrayaan-1	India (ISRO)	2008	Orbital mapping and water discovery	Confirmed presence of water molecules
Luna 2	Soviet Union	1959	First spacecraft to impact the Moon	First human-made object on another celestial body
Chang'e 4	China (CNSA)	2019	First soft landing on Moon's far side	First rover on Moon's far side (Yutu-2)
Artemis I	USA (NASA)	2022	Uncrewed test mission for Artemis program	Tested Orion spacecraft & SLS rocket
Hakuto-R Mission 1	Japan (ispace)	2023	Attempted private lunar landing	Failed lunar landing; first private attempt
Blue Ghost Mission 1	USA (Firefly Aerospace)	2025	First successful private lunar landing	First private company to successfully land on the Moon

Vidarbha's winning habit

Third Ranji Trophy title in 7 years means they should be considered genuine domestic heavyweights

SANDIP G

NAGPUR, MARCH 2

THE REVELRY lasted the whole evening. Vidarbha's euphoric cricketers gathered around the pitch, muttered prayers and kept the trophy at the centre of the 22-yard strip. Some broke down in the arms of their tearful parents, the farewelling Aditya Wadkar clung onto the giant ears of the trophy, tugging it close to his chest; sweets were distributed, feet were touched in reverence, Jamtha turned into a bubble of emotions.

The moment of victory was wrought hours ago. When the digital clock mounted beside the manual scoreboard flashed 2.15, the sun scorching down, Darshan Nalkande swiped Aditya Sarwate towards midwicket to complete his half-century.

The long-awaited declaration arrived, and the moment of frenzy kicked in. Vidarbha declared at 375 for 9, and Kerala's captain conveyed the message that they won't dare the ludicrous task of chasing down 412 in less than 40 overs. The match was drawn and the hosts won on their first-innings lead. The rest of



Vidarbha players pose with the Ranji Trophy after winning the final against Kerala in Nagpur on Sunday.PTI

poals were faint the maxements laborious and autitorious specially and attitude attitude and attitude attitude and attitude att

Which countries dominate international Oscar?

In 1947, the Academy introduced a special award for foreign-language films, which evolved into the Best International Feature Film category in 1956. Italian films have the highest wins in this category, followed by France

Countries with max no. of wins

Italy No. of awards

France

9

11

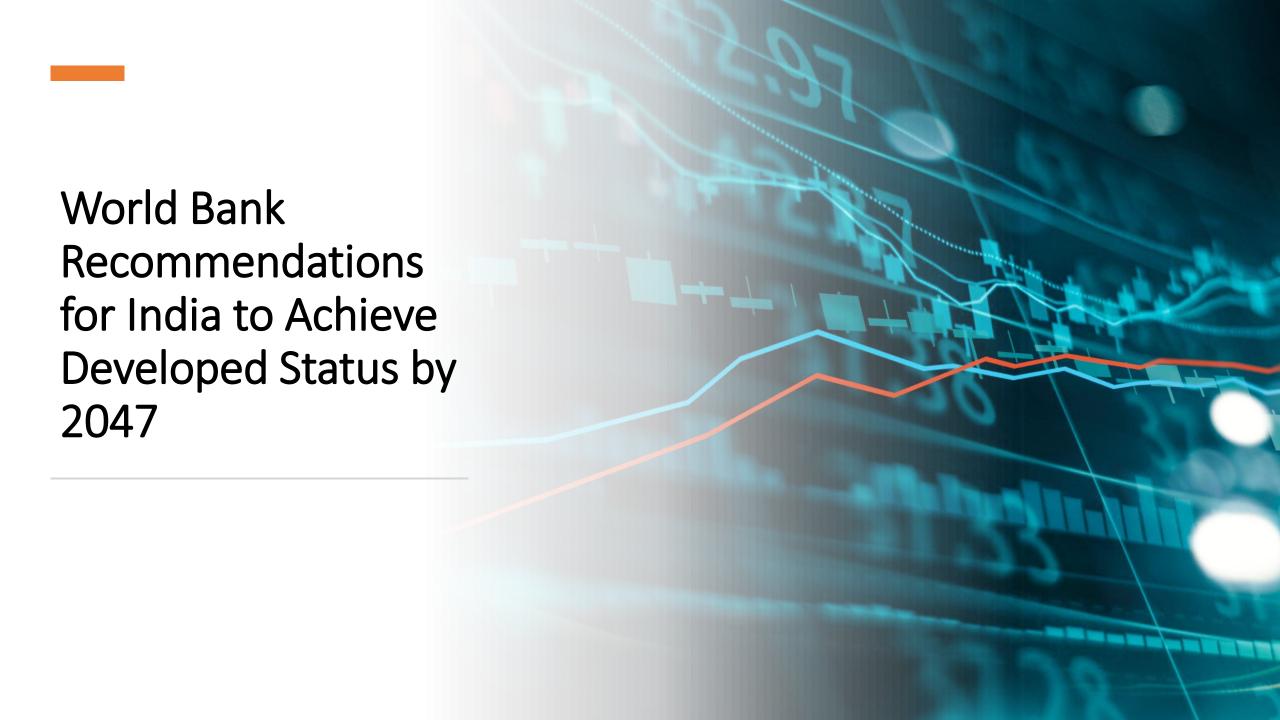
Spain, Denmark

4

Netherlands, Sweden, Soviet Union*

3

*Till 1991: 2024 awards not considered; Source: Statista



- The World Bank's India Country Economic Memorandum (2025) states that India needs an average growth rate of 7.8% until 2047 to achieve high-income status.
- About World Bank Recommendations for India to Achieve Developed Status by 2047:
 - 1. <u>Increase Investment & Capital Formation:</u>
 - **1.Raise investment from 33.5% to 40% of GDP by 2035** through private and public sector participation.
 - 2.Improve financial sector regulations and ease FDI restrictions.
 - 3.Boost MSME credit access and streamline business regulations.

1. Enhance Labor Force Participation:

- 1. Increase overall labor force participation from 56.4% to 65%.
- 2. Raise female workforce participation from 35.6% to 50%.
- 3. Encourage job-rich sectors like manufacturing, hospitality, transportation, and the care economy.



1. Boost Structural Transformation & Trade Integration:

- **1. Reduce agriculture employment from 45%** by shifting labor towards manufacturing & services.
- **2. Strengthen infrastructure, adopt new technology, and** simplify labor regulations.
- 3. Enhance Global Value Chain (GVC) participation to compete with Vietnam, Thailand, and China.

1. Promote Balanced Growth Among States:

- 1. Support less developed states in improving health, education, and infrastructure.
- 2. Encourage industrialized states to deepen business reforms & GVC participation.
- 3. Expand incentive-driven federal programs like the Urban Challenge Fund.

Cali Fund

COP16 to the Convention on Biological Diversity (CBD) secured a landmark agreement on biodiversity funding, committing \$200 billion annually by 2030 to conservation efforts.

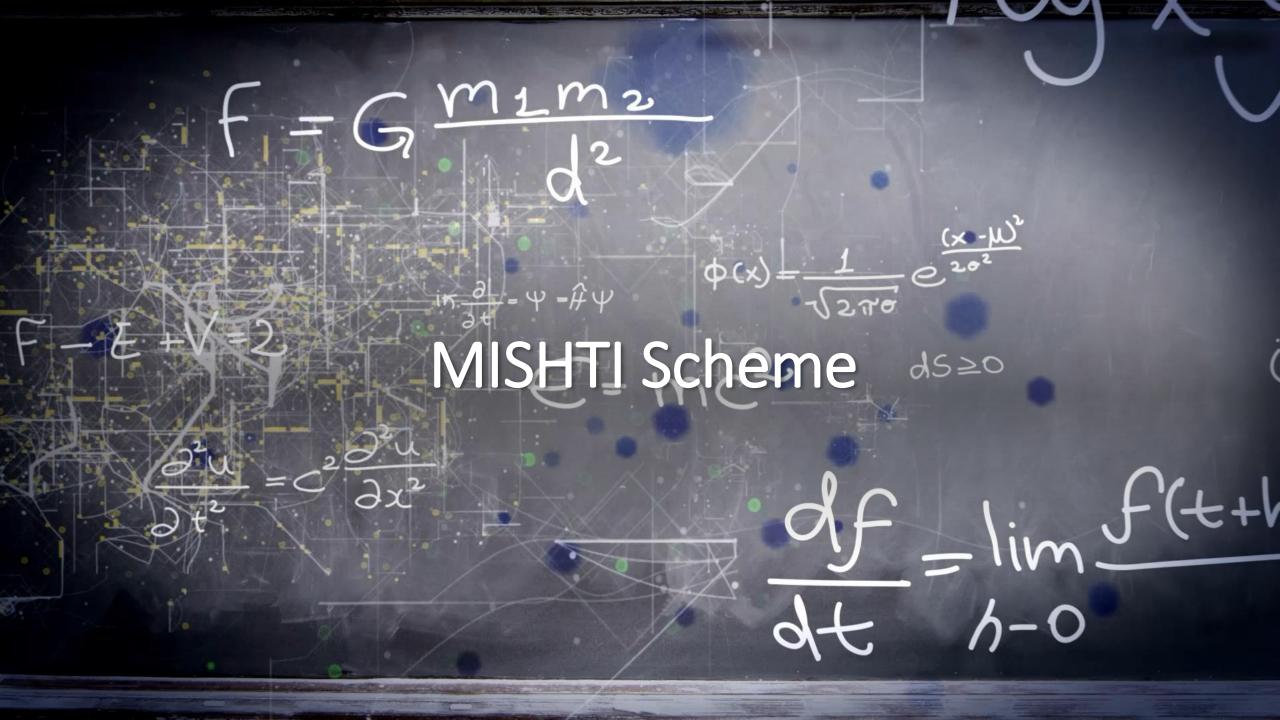
A major outcome was the launch of the Cali Fund, ensuring fair benefit-sharing from genetic resources used in industries like pharmaceuticals and biotechnology.

What is the Cali Fund?

- A global financial mechanism designed to ensure equitable benefit-sharing from digital genetic resources.
- Ensures that industries using biodiversity-based genetic data contribute financially to conservation efforts.

Origin & Launch:

- Proposed during CBD COP16 discussions in Cali, Colombia (2024).
- Officially launched at CBD COP16 in Rome (2025) as part of the biodiversity finance agreement.



• Gujarat has become the national leader in mangrove afforestation, covering 19,020 hectares in two years under the MISHTI scheme.

About MISTI Scheme:

What it is?

- The MISHTI (Mangrove Initiative for Shoreline Habitats & Tangible Incomes) scheme, launched in 2023, aims to expand India's mangrove cover and enhance coastal resilience.
- Focuses on ecological restoration and livelihood generation for coastal communities.

Launched In: Union Budget 2023-24, with implementation from 2023 to 2028.

Funding Sources:

- **CAMPA Fund** (Compensatory Afforestation Fund Management and Planning Authority).
- MGNREGS (Mahatma Gandhi National Rural Employment Guarantee Scheme).
- Other government and private funding sources.

<u>Under Ministry:</u> Ministry of Environment, Forest & Climate Change (MoEF&CC).

Rank	Region	Mangrove Cover (Mha)	Percentage of Global Mangroves
1	South & Southeast Asia	5.33	36.20%
2	North & Central America	2.55	17.30%
3	Western & Central Africa	2.3	15.60%
4	South America	2.12	14.40%

Rank	State/UT	Mangrove Cover (sq km)	% of Total Mangrove Cover in India
1	West Bengal	2,114	42.30%
2	Gujarat	1,177	23.60%
3	Andaman & Nicobar Islands	616	12.30%
4	Andhra Pradesh	404	8.10%
5	Maharashtra	324	6.50%



- According to NFHS-5 (2019-21), how much has obesity increased in Indian men and women?
- NFHS-5 (2019-21) के अनुसार, भारतीय पुरुषों और महिलाओं में मोटापा कितना बढ़ा है?
- A. Men: 16.5% to 19.8%, Women: 18.2% to 22.5%
 - B. Men: 18.9% to 22.9%, Women: 20.6% to 24%
 - C. Men: 20% to 25%, Women: 25% to 30%
 - D. Men: 15% to 18%, Women: 18% to 21%

- What is the second leading country in the world for diabetes cases?
- मधुमेह के मामलों में दुनिया का दूसरा अग्रणी देश कौन सा है?
- A. USA
 - B. China
 - C. India
 - D. Brazil

- In 2024, India introduced new guidelines for measuring obesity. What additional measure was recommended?
- 2024 में भारत ने मोटापा मापने के लिए नए दिशानिर्देश जारी किए।
 कौन सा अतिरिक्त मानक सुझाया गया?
- A. Body Fat Percentage (BFP)
 - B. Waist-to-Height Ratio (WHtR)
 - C. Muscle Mass Index (MMI)
 - D. Caloric Intake Index (CII)

- Which private space company successfully landed a spacecraft upright on the Moon in 2024?
- 2024 में किस निजी अंतरिक्ष कंपनी ने चंद्रमा पर सीधा उतरने में सफलता प्राप्त की?
- A. SpaceX
 - B. Blue Origin
 - C. Firefly Aerospace
 - **D. Intuitive Machines**

- What was the name of the spacecraft that successfully landed on the Moon as part of NASA's Artemis program?
- नासा के आर्टिमिस कार्यक्रम के तहत चंद्रमा पर सफलतापूर्वक उतरने वाले अंतरिक्ष यान का नाम क्या था?
- A. Odyssey 1
 - B. Blue Ghost Mission 1
 - C. Lunar Explorer 2
 - D. Moon Rider

- Which Indian state leads in mangrove afforestation under the MISHTI scheme?
- MISHTI योजना के तहत कौन सा भारतीय राज्य मैंग्रोव वनरोपण में अग्रणी है?
- A. West Bengal / पश्चिम बंगाल
 - B. Gujarat / गुजरात
 - C. **Odisha / औडिशा**
 - D. Andhra Pradesh / आंध्र प्रदेश

- What is the main objective of the MISHTI scheme?
- MISHTI योजना का मुख्य उद्देश्य क्या है?
- A. Expanding mangrove cover and promoting coastal resilience / मैंग्रोव कवर का विस्तार और तटीय स्थिरता को बढ़ावा देना
 - B. Encouraging deep-sea fishing / गहरे समुद्र में मछली पकड़ने को बढ़ावा देना
 - C. Reducing deforestation in urban areas / शहरी क्षेत्रों में वनों की कटाई को कम करना
 - D. Developing ecotourism in Sundarbans / सुंदरबन में इकोट्रिरज्म को विकसित करना

- What is the World Bank's projected GDP growth rate India needs to maintain until 2047 to achieve high-income status?
- विश्व बैंक के अनुसार, उच्च आय दर्जा प्राप्त करने के लिए भारत को 2047 तक कितनी GDP वृद्धि दर बनाए रखनी होगी?
- A. **6.5**%
 - B. **7.0**%
 - C. **7.8**%
 - D. **8.5**%

- According to the World Bank, what should India's investment-to-GDP ratio be increased to by 2035?
- विश्व बैंक के अनुसार, 2035 तक भारत के निवेश-से-GDP अनुपात को कितने प्रतिशत तक बढ़ाना चाहिए?
- A. 35%
 - B. **37%**
 - C. 40%
 - D. **42%**

- Which country is the only one to host an open nighttime Formula 1 race?
- रात में खुला फॉर्मूला 1 रेस आयोजित करने वाला दुनिया का एकमात्र देश कौन सा है?
- A. **UAE**
 - B. Singapore
 - C. USA
 - D. Monaco

Word of the day

Ensconce:

fix firmly

Synonym: settle

Usage: He ensconced himself in front of the computer.

Pronunciation: bit.ly/ensconcepron

International Phonetic Alphabet: /ɛnˈskɒns/



