

NEWS-INSHORTS

- TRISHNA MISSION
- India's first private biosphere
- Kengal Hanumanthaiah Charity Award for Yediyurappa
- Project BHISHM
- Gender Gap Report 2024
- Rangelands and Pastoralists 2026
- Nagastra-1
- kendra sahitya akademi award 2024
- EarthCARE Mission
- Usha Thorat Committee

FOCUS

- Assessment Test - June 2024



KARNATAKA/INDIA/INTERNATIONAL-CURRENT AFFAIRS

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JUNE- 2024

- Talacauvery of Kodagu has also been selected as quite suitable location to be identified as dark sky reserve, (It's measured through bottle dark sky scale/ Bortle scale (1-9), 1 is extremely dark ,9 is heavy bright
Ladakh's hanle measures the magnitude 1(extremely dark making it ideally suitable),
Talacauvery -magnitude 2
Bengaluru- magnitude 9

- TRISHNA MISSION: India, France working on

third joint space mission

TRISHNA (Thermal infrared Imaging Satellite for High resolution Natural resource Assessment) and are working towards finalising an implementing arrangement for the joint development.

TRISHNA is a future high-resolution space-time mission in the thermal infrared (TIR) led jointly by the French (CNES) and the Indian (ISRO) space agencies for a launch planned in 2025



- Bird fest(hakki habba): Two editions in one year
10th edition 2024- Bagalkote (Mascot: Greater Flamingo)
11th edition 2024- Chikmagalur (Mascot: Black-hooded Oriole)
- The World Health Organisation (WHO) has confirmed the first human death from bird flu after an alarming increase in cases
- Rajaji Raghati Biosphere: India's first private biosphere – on the day of World environment Day -2024



- IIT Dharwad unveiled the fire rescue assistant drone. It was unveiled during the two-day workshop on Drone Design and Autonomous Navigation in Fire Rescue (DDANFR 2024) held at IIT Dharwad.
- Recently, on World Environment Day, the Nagi and Nakti Bird Sanctuaries in Bihar have been recognised as wetlands of international importance under the Ramsar Convention. This brings the total number of such wetlands in India to 82.
Ramsar sits of Karnataka : The three wetlands which were declared as Ramsar sites are Magadi Kere Conservation Reserve near Gadag, Ankasamudra Bird Conservation Reserve near Hampi and Aghanashini Estuary close to Gokarna, total 4 Including



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Ranganathittu Bird Sanctuary near Srirangapatana, which was the first to be accorded the Ramsar tag in August 2022.

- Food safety: prepare for the unexpected
World Food Safety Day on 7 June 2024
Theme - "Food safety: prepare for the unexpected"
- 2024 World Press Freedom Index In the recently published 2024 World Press Freedom Index by Reporters Without Borders (RSF), India's ranking improved from 161 in 2023 to 159 out of 180
- Kengal Hanumanthaiah Charity Award for Yediyurappa, It is awarded by Kannada Sahitya Parishad (KSP).
The Award carries cash reward of Rs. 25,000/- and a plaque.
- The Climate Promise is UNDP's flagship initiative that aims "to ensure that any country wishing to increase the ambition of their national climate pledge is able to do so."
According to UNDP, Climate Promise 2025 "marks the beginning of renewed efforts on climate action across the UN system ahead of 2025"
- BHISHM - Mobile Hospital, By Indian Air Force (IAF)
"Project BHISHM" – Bharat Health Initiative for Sahyog, Hita and Maitri
- G7 Summit In Italy, Modi's first foreign trip after becoming PM for 3rd time.
- Gender Gap Report 2024? India's Rank: India has slipped two places in the global rankings to 129th in 2024 from 127th in 2023 out of 146 countries, released by the World Economic Forum
- UN declares 2025 - Year of Quantum Science



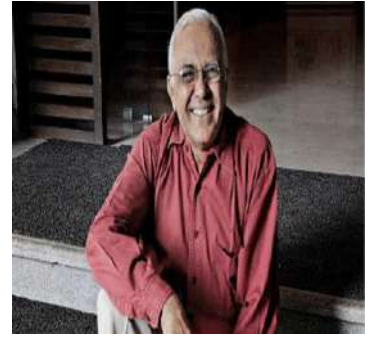
Year	Theme
2026	Rangelands and Pastoralists
2025	International Year of Quantum Science and Technology
2024	International Year of Camelids
2023	International Year of Millets
2022	International Year of Glass
2021	International Year of Peace and Trust

- Nagastra-1: Indian Army gets country first indigenous suicide drone



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- **kendra sahitya akademi award 2024**
Shruthi B.R., hails from Chikkamagaluru district and works as a Karnataka Administrative Service officer in the city. She was a gold medallist during her postgraduate studies in Mysore University.
She also holds a PhD in Economics from the same university. Her poems won awards during her student days.
- Krishnamurthy Biligere's short stories titled Choomantrayyana Kathegalu has been awarded the Bal Sahitya Puraskar 2024
- **GLOBAL GENDER GAP INDEX (WEF)**- India has slipped two places in the global rankings to 129th in 2024 from 127th in 2023 out of 146 countries.
- **Project Chandana**: Karnataka government launches Project Chandana to eradicate sickle cell anaemia among vulnerable tribal communities.
- **The National e-Vidhan Application (NeVA) programme** : Nagaland is the first State Assembly in the entire country to implement the National e-Vidhan Application (NeVA) programme to become completely paperless.
Now members can use electronic devices to participate in House proceedings.
NeVA is a Unicode compliant software having provision for easy access to various documents like a list of questions, etc
- Globally acclaimed film-maker **Vinod Ganatra** has become the first Indian to be conferred the prestigious 'Nelson Mandela Lifetime Achievement Award' of South Africa for his contribution to films.
- Kozhikode in north Kerala, known for its rich cultural heritage, was officially declared as India's first UNESCO 'City of Literature'.
- The state government also announced that from the coming year, June 23 will be celebrated as the 'City of Literature' Day.
- **e-Sakhsya app** - for all state police departments, The mobile-based application is to help police record scene of crime, search and seizure in a criminal case and upload the file on the cloud-based platform
- Karnataka's first gas-based power plant in Yelahanka and waste-to-energy plant in Bidadi to begin operations
- ESA Launches **EarthCARE Mission** to Study Clouds and Aerosols in Earth's Climate



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- China's Chang'e-6 Successfully Lands On Far Side Of Moon, To Become First Probe To Bring Lunar Sample From There
- Environment Day 2024 on 5th June 2024. The theme for this year's WED celebrations is "Land Restoration, Desertification and Drought Resilience".
- SC constitutes gender sensitization and internal complaints committee with Justice Hima Kohli as head
- SEBI has formed an ad-hoc Committee under Usha Thorat for reviewing economic structure of clearing corporations
- Netherlands has emerged as India's third largest export destination after the US and UAE in 2023-24
- Recently, on World Environment Day, the Nagi and Nakti Bird Sanctuaries in Bihar have been recognised as wetlands of international importance under the Ramsar Convention.
- This brings the total number of such wetlands in India to 82.
- This year's theme is "Food Safety: Prepare for the Unexpected." As per the WHO
- 8th June - World Oceans Day
Theme 2024 : "Awaken New Depths".
- In 2008, the UN (United Nations) had designated 8th June as World Oceans Day.
- The Tactical Airborne Platform for Aerial Surveillance-Beyond Horizon-201 or Tapas BH-201 is a long-endurance unmanned aerial vehicle, It was previously used to be referred as Rustom-II.
- World Day Against Child Labour - June 12 2024, Theme: Let's Act on Our Commitments: End Child Labour
- Russian cosmonaut Oleg Kononenko has become the first person to spend 1,000 days in space.



India designated Nagi and Nakti bird sanctuaries in the Jhajha forest range in Bihar, as new Ramsar sites, taking country's recognised wetlands tally to 82.



Food safety: prepare for the unexpected



World Food Safety Day - 7 June 2024



Food and Agriculture
Organization of the
United Nations



World Health
Organization



SUSTAINABLE
DEVELOPMENT
GOALS



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- The world's first satellite made from wood and named LignoSat, developed by scientists at Kyoto University
- Project Varsha is an ambitious Indian naval project aimed at constructing a strategic submarine base in the Bay of Bengal.
- New Fundamental Right:- Right to be free from adverse effects of Climate Change
 - ✓ Case:- M.K Ranjitsinh and others VS Union of India (2024)
 - ✓ Under Article-21



SUPREME COURT RECOGNIZES RIGHT TO BE FREE FROM ADVERSE EFFECTS OF CLIMATE CHANGE

- the suspicion of ethylene oxide contamination.- (Pesticide)
- World Day to Combat Desertification and Drought - June 17 2024



The theme for this year's observance is "Hope Through Progress: Advancing Sickle Cell Care Globally."



Premium

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FORESIGHT KAS
(KAS/PSI/FDA/AAO/PC)

How the Gandhi Sagar Wildlife Sanctuary is being developed as India's second home for cheetahs

The Gandhi Sagar Wildlife Sanctuary in western Madhya Pradesh is set to become the second home for cheetahs in India, after the Kuno National Park. It has been described as "perfect" cheetah habitat, but introducing the feline predator will come with its challenges.

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- The National Institute of Mental Health & Neuro Sciences (NIMHANS) in Bengaluru has been awarded the prestigious Nelson Mandela Award for Health Promotion for 2024 by the World Health Organization (WHO).
- Nishant Dev made history by becoming the first Indian male boxer to secure a spot in the 2024 Paris Olympic Games. His qualification came after a victory over Moldova's Vasile Cebotari in the men's 71 kg category quarterfinal at the World Boxing Qualifiers
- Ashok Leyland, a leading commercial vehicle manufacturer in India, has introduced the 'Sarathi Suraksha Policy,' aimed at safeguarding the driver community. This comprehensive insurance policy covers accidental death, permanent disability, and partial disability, protecting up to INR 10 lakh per chassis.
- China's Chang'e-6 probe lifted off from the far side of the Moon, marking a significant milestone in space exploration. This achievement brings China closer to becoming the first nation to return samples from this unexplored region of the Moon
- The Securities and Exchange Board of India (SEBI) launched the Saathi 2.0 app, aimed at simplifying financial concepts and providing reliable information to investors.
- NOTA created a record in Madhya Pradesh's Indore Lok Sabha constituency, with 2.18 lakh voters opting for the 'none of the above' option in the Lok Sabha elections. This significant number underscores the voters' dissatisfaction with the available candidates and their desire to exercise their right to abstain from voting for any of them.
- India is set to host the prestigious 81st (IATA) International Air Transport Association Annual General Meeting in Delhi in 2025, marking its return after 42 years.
- Twelve countries signed the Zero Debris Charter, an initiative led by the European Space Agency (ESA), committing to achieving debris-neutral space activities by 2030. This landmark effort aims to address the pressing issue of space debris, - Also called as Kepler syndrome
- The Biopharmaceutical Alliance was formed by India, the United States, South Korea, Japan, and the European Union during the Bio International Convention 2024 in San Diego. This alliance aims to address global drug supply chain disruptions by coordinating policies, regulations, and research and development efforts among member countries, to establish a resilient and sustainable biopharmaceutical supply chain.
- The Reserve Bank of India (RBI) has launched HaRBInger 2024, its third global hackathon, to develop innovative tech solutions to combat financial fraud in real time



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- The discovery of the blue-colored ant species, Paraparatrechina Neela, was made in the biodiverse region of Siang Valley. This valley is situated within the state of Arunachal Pradesh, known for its rich biodiversity
- Global Peace Index 2024 published by the Institute for Economics & Peace (IEP), India is ranked 116th among 163 countries evaluated.
- India's first-ever multinational air exercise: Tarang Shakti-2024 is India's inaugural multinational air exercise, organized by the Indian Air Force (IAF). It aims to enhance cooperation and interoperability between the air forces of participating nations, including Germany and signifies a significant milestone in India's defence diplomacy efforts.
- Chinese scientists, using the Chinese H-alpha Solar Explorer (CHASE) satellite, made a breakthrough in solar research by identifying a new pattern of solar atmospheric rotation. Launched by the China National Space Administration (CNSA), the CHASE mission aims to enhance understanding of solar dynamics through spectroscopic observations in the H-alpha waveband, marking a significant achievement in China's space exploration efforts.
- The Nalanda University Act, which laid the foundation for the establishment of Nalanda University, was passed in the year 2010. Recently, on June 19, the Prime Minister inaugurated the new campus of Nalanda University near the ancient ruins of Nalanda in Rajgir, Bihar. This event marked a significant milestone in the revival of this historic institution, originally thriving for 800 years until its destruction in the 12th century.
- Nine major ports of India achieved recognition in the Global Top 100 in the Container Port Performance Index (CPPI) 2023, a report compiled by the World Bank and S&P Global Marketing Intelligence. This achievement underscores India's progress in port modernization and efficiency enhancement under the Sagarmala programme.
- World Economic Forum's Global Energy Transition Index 2024, India is ranked 63rd out of 120 countries, marking an improvement from its previous ranking of 67th. The index evaluates countries based on their progress in transitioning towards equitable, secure, and sustainable energy systems, highlighting India's advancements in renewable energy adoption and energy sector reforms.
- India secured the 176th position among 180 countries in the 2024 Environment Performance Index, released by the World Economic Forum in partnership with the Yale Center for Environmental Law and Policy and the Columbia University



INDIA'S RANK IN THE ENVIRONMENT PERFORMANCE INDEX OVER THE LAST 10 EDITIONS

YEAR	RANKS
2024	176 out of 180
2022	180 out of 180
2020	170 out of 180
2018	177 out of 180
2016	141 out of 180
2014	155 out of 180
2012	125 out of 132
2010	123 out of 163
2008	120 out of 149
2006	118 out of 133

Source: epi.yale.edu

ThePrint

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- India's first pilot project for Underground Coal Gasification: at the Kasta coal block in Jamtara, Jharkhand. This initiative aims to convert coal into valuable gases such as methane and hydrogen for industrial use

- The world's first conservation and breeding centre for Asian king vultures is being established in Uttar Pradesh, specifically in Maharajganj. Known as the Jatayu Conservation and Breeding Centre, this facility aims to protect and increase the population of critically endangered Asian king vultures



- India clinched a total of 29 medals at the 2024 BRICS Games held in Kazan, Russia. These included 3 gold, 6 silver, and 20 bronze medals

- Srinagar has been designated as the fourth Indian city to be recognized as a 'World Craft City' by the World Craft Council (WCC). This recognition highlights Srinagar's rich cultural heritage and its centuries-old tradition of producing exquisite crafts such as shawls, carpets, and papier mache.

- Arundhati Roy, the Booker Prize-winning author, received the Pen Pinter Prize for 2024 in recognition of her significant literary contributions. Established by English PEN to celebrate impactful literature and defend freedom of expression, the Pen Pinter Prize honours the memory of Nobel-Laureate playwright Harold Pinter. The award underscores Roy's role in addressing critical social issues through her writing, amidst challenges to freedom of expression, highlighting her courage and literary prowess



- world's first carbon tax on livestock emissions: Denmark is pioneering a carbon tax on livestock emissions starting in 2030, targeting methane emissions from cows, sheep, and pigs. This initiative aims to achieve a significant reduction in greenhouse gas emission.
- South India's first and India's largest leopard safari was recently inaugurated at Bannerghatta Biological Park (BBP) in Karnataka.

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Title: Current Events Assessment Test: June 2024

1. Which Indian state has been recognized as the first UNESCO 'City of Literature'?
A) Bangalore
B) Mumbai
C) Kolkata
D) Kozhikode
2. What is the theme of World Food Safety Day 2024?
A) Food Safety: From Farm to Table
B) Food Safety: A Shared Responsibility
C) Food Safety: Prepare for the Unexpected
D) Food Safety: Towards a Sustainable Future
3. Which Indian state has implemented the National e-Vidhan Application (NeVA) programme to become completely paperless?
A) Karnataka
B) Maharashtra
C) Nagaland
D) Tamil Nadu
4. What is the name of the Indian Air Force's mobile hospital project?
A) Project Aarogya
B) Project BHISHM
C) Project Swasthya
D) Project Sanjeevani
5. Which country has emerged as India's third largest export destination in 2023-24?
A) China
B) United Kingdom
C) Netherlands
D) Germany
6. What is the name of the Indian Army's first indigenous suicide drone?
A) Shakti
B) Nagastra-1
C) Astra
D) Rudra
7. Which Indian space agency is collaborating with France on the TRISHNA mission?
A) DRDO
B) ISRO
C) Antrix Corporation
D) GAU

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8. What is the theme of World Oceans Day 2024?

- A) Protect Our Oceans
- B) Life and Livelihoods
- C) Awaken New Depths
- D) Healthy Oceans, Healthy Planet

9. Which Indian state has launched Project Chandana to eradicate sickle cell anaemia?

- A) Odisha
- B) Karnataka
- C) Madhya Pradesh
- D) Chhattisgarh

10. Which organization has declared 2025 as the International Year of Quantum Science and Technology?

- A) UNESCO
- B) WHO
- C) UNIDO
- D) UNDP

11. Which Indian state has been selected as a potential location for a dark sky reserve?

- A) Himachal Pradesh
- B) Sikkim
- C) Kodagu
- D) Arunachal Pradesh

12. Which Indian city has the highest light pollution level on the Bortle scale?

- A) Mumbai
- B) Delhi
- C) Bangalore
- D) Chennai

13. Which Indian poet has been awarded the Kendra Sahitya Akademi Award 2024?

- A) Shruthi B.R.
- B) K.S. Niranjan
- C) A.K. Ramanujan
- D) Jnanpith

14. Which Indian state has the highest number of Ramsar sites?

- A) Uttar Pradesh
- B) West Bengal
- C) Karnataka
- D) Tamil Nadu

15. Which Indian politician has been awarded the Kengal Hanumanthaiah Charity Award?

- A) Siddaramaiah
- B) B.S. Yediyurappa
- C) D.K. Shivakumar

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D) Kumaraswamy

16. Which country launched the Chang'e-6 probe to collect samples from the far side of the Moon?

- A) India
- B) China
- C) United States
- D) Japan

17. What is the name of the Indian naval project aimed at constructing a strategic submarine base in the Bay of Bengal?

- A) Project Varsha
- B) Project Sagar
- C) Project Samudra
- D) Project Agni

18. Which Indian city was designated as a 'World Craft City' by the World Craft Council?

- A) Mumbai
- B) Kolkata
- C) Chennai
- D) Srinagar



19. What is the name of the new fundamental right recognized in India in 2024?

- A) Right to Privacy
- B) Right to Education
- C) Right to be free from adverse effects of Climate Change
- D) Right to Information

20. Which organization awarded the Nelson Mandela Award for Health Promotion to NIMHANS in Bengaluru?

- A) UNICEF
- B) WHO
- C) UNESCO
- D) World Bank

21. Which country is pioneering a carbon tax on livestock emissions starting in 2030?

- A) United States
- B) China
- C) Denmark
- D) India

22. What is the name of the first multinational air exercise organized by the Indian Air Force?

- A) Gagan Shakti
- B) Tarang Shakti
- C) Vayu Shakti

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D) Samudra Shakti

23. What is the name of the world's first conservation and breeding centre for Asian king vultures?

- A) Jatayu Conservation and Breeding Centre
- B) Vulture Sanctuary
- C) King Vulture Conservation Project
- D) Asian Vulture Breeding Program

24. What is the name of the app launched by SEBI to simplify financial concepts for investors?

- A) Saathi 2.0
- B) Invest Smart
- C) Financial Literacy
- D) Investor Connect

25. Which country is ranked 116th in the Global Peace Index 2024?

- A) China
- B) India
- C) Pakistan
- D) Bangladesh



26. What is the name of the Biopharmaceutical Alliance formed by India, the United States, South Korea, Japan, and the European Union?

- A) Global Biopharmaceutical Alliance
- B) Biopharmaceutical Partnership
- C) Biopharmaceutical Alliance
- D) International Biopharmaceutical Consortium

27. What is the name of the world's first satellite made from wood?

- A) LignoSat
- B) WoodSat
- C) EcoSat
- D) GreenSat

28. What is the name of the Chinese satellite that identified a new pattern of solar atmospheric rotation?

- A) CHASE
- B) SOLAR
- C) SUNRISE
- D) HELIOS

29. What is the name of the global hackathon launched by the Reserve Bank of India to combat financial fraud?

- A) FinTech Challenge
- B) Cyber Security Hackathon
- C) HaRBInger
- D) Fraud Buster

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30. What is the name of the pilot project for Underground Coal Gasification in India?

- A) Kasta Coal Project
- B) Jamtara Coal Gasification Project
- C) Underground Coal Gasification Project
- D) India's first pilot project for Underground Coal Gasification

Answer with Explanation

1. Answer: D

Explanation: Kozhikode, known for its rich cultural heritage, was officially declared as India's first UNESCO 'City of Literature'.

2. Answer: C

Explanation: The theme for World Food Safety Day 2024 is "Food Safety: Prepare for the Unexpected".

3. Answer: C

Explanation: Nagaland is the first State Assembly in the entire country to implement the National e-Vidhan Application (NeVA) programme to become completely paperless.

4. Answer: B

Explanation: The Indian Air Force's mobile hospital project is called "Project BHISHM" – Bharat Health Initiative for Sahyog, Hita and Maitri.

5. Answer: C

Explanation: Netherlands has emerged as India's third largest export destination after the US and UAE in 2023-24.

6. Answer: B

Explanation: The Indian Army has acquired its first indigenous suicide drone, named Nagastra-1.

7. Answer: B

Explanation: TRISHNA (Thermal infrared Imaging Satellite for High resolution Natural resource Assessment) is a joint mission between ISRO (Indian Space Research Organisation) and CNES (French Space Agency).

8. Answer: C

Explanation: The theme for World Oceans Day 2024 is "Awaken New Depths".

9. Answer: B

Explanation: The Karnataka government has launched Project Chandana to eradicate sickle cell anaemia among vulnerable tribal communities.

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10. Answer: A

Explanation: The UN has declared 2025 as the International Year of Quantum Science and Technology.

11. Answer: C

Explanation: Talacauvery in Kodagu has been identified as a suitable location for a dark sky reserve.

12. Answer: C

Explanation: Bangalore has a Bortle scale magnitude of 9, indicating heavy light pollution.

13. Answer: A

Explanation: Shruthi B.R. has been awarded the Kendra Sahitya Akademi Award 2024 for her poetry.

14. Answer: C

Explanation: Karnataka has four Ramsar sites, including Ranganathittu Bird Sanctuary, Magadi Kere Conservation Reserve, Ankasamudra Bird Conservation Reserve, and Aghanashini Estuary.

15. Answer: B

Explanation: B.S. Yediyurappa has been awarded the Kengal Hanumanthaiah Charity Award by the Kannada Sahitya Parishad.

16. Answer: B

Explanation: China's Chang'e-6 probe successfully lifted off from the far side of the Moon, marking a significant milestone in space exploration.

17. Answer: A

Explanation: Project Varsha is an ambitious Indian naval project aimed at constructing a strategic submarine base in the Bay of Bengal.

18. Answer: D

Explanation: Srinagar has been designated as the fourth Indian city to be recognized as a 'World Craft City' by the World Craft Council (WCC).

19. Answer: C

Explanation: The new fundamental right recognized in India in 2024 is the Right to be free from adverse effects of Climate Change.

20. Answer: B

Explanation: The National Institute of Mental Health & Neuro Sciences (NIMHANS) in Bengaluru has been awarded the prestigious Nelson Mandela Award for Health Promotion for 2024 by the World Health Organization (WHO).

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21. Answer: C

Explanation: Denmark is pioneering a carbon tax on livestock emissions starting in 2030, targeting methane emissions from cows, sheep, and pigs.

22. Answer: B

Explanation: India's first-ever multinational air exercise: Tarang Shakti-2024 is India's inaugural multinational air exercise, organized by the Indian Air Force (IAF).

23. Answer: A

Explanation: The world's first conservation and breeding centre for Asian king vultures is being established in Uttar Pradesh, specifically in Maharajganj. Known as the Jatayu Conservation and Breeding Centre, this facility aims to protect and increase the population of critically endangered Asian king vultures.

24. Answer: A

Explanation: The Securities and Exchange Board of India (SEBI) launched the Saathi 2.0 app, aimed at simplifying financial concepts and providing reliable information to investors.

25. Answer: B

Explanation: Global Peace Index 2024 published by the Institute for Economics & Peace (IEP), India is ranked 116th among 163 countries evaluated.

26. Answer: C

Explanation: The Biopharmaceutical Alliance was formed by India, the United States, South Korea, Japan, and the European Union during the Bio International Convention 2024 in San Diego.

27. Answer: A

Explanation: The world's first satellite made from wood and named LignoSat, developed by scientists at Kyoto University.

28. Answer: A

Explanation: Chinese scientists, using the Chinese H-alpha Solar Explorer (CHASE) satellite, made a breakthrough in solar research by identifying a new pattern of solar atmospheric rotation.

29. Answer: C

Explanation: The Reserve Bank of India (RBI) has launched HaRBInger 2024, its third global hackathon, to develop innovative tech solutions to combat financial fraud in real time.

30. Answer: D

Explanation: India's first pilot project for Underground Coal Gasification: at the Kasta coal block in Jamtara, Jharkhand.

M. S. Swaminathan



M.S. Swaminathan, a renowned Indian agricultural scientist, is celebrated as the father of the Green Revolution in India. His pioneering research and leadership in the 1960s led to the development and widespread adoption of high-yielding varieties of wheat and rice, significantly boosting India's agricultural productivity and ensuring food security.

Swaminathan's work transformed India from a food-deficient nation to a self-sufficient agricultural powerhouse. He received numerous accolades, including the World Food Prize and the Padma Vibhushan. Swaminathan's contributions have had a lasting impact on global agricultural practices, sustainability, and rural development.

