

Daily Current Affairs

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Ban On Use Of Barium & Other Prohibited Chemicals

- The Supreme Court emphasized a **nationwide ban on barium and other prohibited chemicals** in firecrackers, highlighting its commitment to public health and the environment.
- In October 2018, the Supreme Court took a significant step by imposing a ban on the production and sale of all crackers **except 'green crackers'** and those designed to emit reduced emissions, commonly referred to as improved crackers.
- The court also prohibited the manufacture and sale of **'joined crackers,'** which are long rows of crackers joined together. Additionally, the use of barium salts in fireworks was banned, and it was mandated that the noise levels of the crackers should adhere to permissible limits.
- In a decision this September, the **Supreme Court rejected a plea** by the firecracker manufacturers' association to permit the use of joined crackers and to incorporate barium with improved additives in green crackers.



Samsung Gauss

- Samsung has taken a significant leap into the world of **generative artificial intelligence** (AI) with the public revelation of its groundbreaking model, Samsung Gauss.
- Named after the renowned mathematician **Carl Friedrich Gauss**.
- Samsung Gauss comprises **three core components**: Samsung Gauss Language, Samsung Gauss Code, and Samsung Gauss Image, each tailored to specific applications.



- Targeting in-house software development, Gauss Code simplifies and accelerates the coding process.
- Developers can easily code and navigate through an interactive interface, which supports functions such as code description and test case generation. The tool is set to expedite the software development lifecycle, making it a valuable asset for companies looking to streamline their coding processes.
- Credited with establishing the normal distribution theory, Samsung Gauss marks the South Korean tech giant's ambitious stride toward utilizing AI to enhance the lives of consumers globally.

World's First AI Human Like Robot CEO

- **Hanson Robotics and Dictador**, a Polish run company, have appointed the **world's first humanoid robot CEO named Mika**.
- This innovative project aims to blend **advanced artificial intelligence** and machine learning with the unique values of the company.

- While this development sparks excitement about the potential of AI in leadership roles, it also raises concerns among workers about job security.
- Mika utilizes advanced AI and machine learning algorithms to swiftly and accurately process data.
- However, concerns have been raised about a “**significant delay**” in Mika’s response time, highlighting the evolving nature of AI technology.



SpaceX Launched Its 29th Mission

- **SpaceX’s Cargo Dragon** embarked on its 29th mission to the International Space Station (ISS), launching from the iconic Pad 39 at the **Kennedy Space Center** in Florida.
- The primary mission objective is to **transport vital research gear and equipment to the ISS.**
- Among the cargo is an experimental high-speed laser communications package designed to revolutionize data transmission using infrared laser beams, surpassing the capabilities of traditional radio systems.



UK To Add India To Safe States List

- The United Kingdom has put forth plans to **include India in an expanded list of safe states**, which will have significant implications for individuals arriving in the UK illegally from these countries.
- This move, which aims to expedite the process of returning Indian nationals who have traveled illegally from India and **simultaneously eliminate their chances of seeking asylum in Britain**, has been met with both support and criticism.



- India and Georgia are the two countries featured in the draft legislation that has been laid in the House of Commons.
- The inclusion of these countries has been justified based on the premise that citizens from these nations are not typically at risk of persecution
- The UK's safe states list, known legislatively as **Section 80AA**, includes countries like Albania, Switzerland, and the European Union (EU) and European Economic Area (EEA) states.



Mitti Cafe In Supreme Court

- Chief Justice of India (CJI) **DY Chandrachud** inaugurated '**Mitti Cafe**', a unique establishment situated within the Supreme Court premises.
- This cafe stands out for being **entirely managed by individuals with disabilities**, encompassing those who are visually impaired, have cerebral palsy, and are paraplegic.
- The café's inauguration symbolized a step forward in promoting inclusivity within the legal realm.



- Chief Justice Chandrachud, by personally inaugurating the cafe, set a precedent for inclusive leadership, encouraging a supportive environment for individuals with disabilities. **Mitti Cafe was founded by Alina Alam in 2017.**
- MITTI Café focuses on training and employing adults with physical, mental and psychiatric disabilities, especially from economically deprived backgrounds, in the hospitality sector.

Raja Bhalindra Trophy

- The recently concluded **2023 National Games** showcased an extraordinary display of athleticism, determination, and sportsmanship, with nearly 11,000 athletes from across India participating in 45 different sports.

- **Maharashtra emerged as the undisputed champions**, claiming the top spot in the medal tally and securing the prestigious **Raja Bhalindra Singh Rolling Trophy** for the overall championship.
- Maharashtra secured an impressive haul of 80 gold medals, 69 silver medals, and 79 bronze medals, totaling 228 medals.



- **Bhalindra Singh** was born on 9 October 1919 in Patiala, Punjab Province, British India. He was a younger son of Maharaja Bhupinder Singh of Patiala.
- Singh's mother was Jaswant Kaur. His elder brother was Yadavindra Singh, the last Maharaja of Patiala.



- Bhalindra Singh was an Indian sports administrator and former first-class cricketer. Singh was an influential sports administrator who held positions in international and Indian sports governing bodies.

RBI Allows NRI's To Buy Sovereign Green Bonds

- The **Reserve Bank of India** has issued a notification, granting **Non-Resident Indians** unrestricted investment access to the Government's Sovereign Green Bonds for the fiscal year 2023-24.



- The government aims to raise Rs **20,000 crore** through green bonds in the current financial year.
- This aligns with its commitment to sustainable financing, emphasizing projects with positive impacts on climate and the environment.
- Green bonds are financial instruments dedicated to funding projects with direct environmental benefits.
- These projects encompass renewable energy, clean transportation, and green buildings.



REVIEW QUESTIONS

1. What Is The Name Of Samsung's Generative AI Model

- A. Samsung Neo
- B. Samsung AI Pro
- C. Samsung Gauss
- D. Samsung Core AI

ANSWER: C

2. World's First CEO Humanoid Robot

- A. Mika
- B. ALTER 3
- C. Apollo
- D. Beomni

ANSWER: A

3. Cargo Dragon Carry Is Spacecraft Of

- A. Boeing
- B. Space X
- C. Sierra Nevada Corporation
- D. Orbital

ANSWER: B

4. Which 2 Countries Featured In UK's Draft Legislation For Safe States List

- A. India and China
- B. India and Brazil
- C. India and Russia
- D. India and Georgia

ANSWER: D

5. What Is The Legislative Name For The UK's Safe States List

- A. Section 80BB
- B. Section 80CC
- C. Section 80DD
- D. Section 80AA

ANSWER: D

6. Who Launched The LEAP AHEAD Initiative

- A. B. B. Swain
- B. Rajiv Sharma
- C. Alkesh Kumar Sharma
- D. S Krishnan

ANSWER: D

7. Which Country Has Announced A \$553 Million Investment In Adani's Sri Lanka Port Terminal Project

- A. India
- B. China
- C. Sri Lanka
- D. US

ANSWER: D

8. What Economic Challenge China Face In October Despite A Surge In Imports

- A. Hyperinflation
- B. Stagnant Growth
- C. Deflation
- D. Inflation

ANSWER: C

9. Who Is Set To Be The Next CMD Of Konkan Railway

- A. Rajesh Agarwal
- B. Santosh Kumar Jha
- C. Arvind Kumar
- D. Sanjay Gupta

ANSWER: B

10. Name Of Recently Launched Brand Of National Cooperative Organics Ltd

- A. Nammo Organics
- B. Bharat Organics
- C. India Fresh
- D. India Dairy

ANSWER: B

11. Which Part Of Globe Accounts For More Than 95% Of The Recent Decline In Global Water Availability

- A. Northern hemisphere
- B. Southern hemisphere
- C. North America
- D. Europe

ANSWER: B

12. On Which Date Is World Radiography Day Observed Each Year

- A. Eighth November
- B. Nineth November
- C. Tenth November
- D. Fifth November

ANSWER: A

13. Where Is The 6th Indian Consulate In The United States Located

- A. New York City, New York
- B. Chicago, Illinois
- C. Seattle, Washington
- D. Houston, Texas

ANSWER: C

14. Compared To Last Year, Stubble Burning In Punjab, Haryana Uttar Pradesh Has

- A. Increased
- B. Remained The Same
- C. Increased Slightly
- D. Decreased By Half

ANSWER: D

15. In A Global Well-being Survey, In Which Position Does India Rank In Terms Of Employee Well-being

- A. First rank
- B. Second rank
- C. Third rank
- D. Tenth rank

ANSWER: B

16. In Which Country Did Klyuchevskaya Sopka Volcano Recently Erupt

- A. Kazakhstan
- B. Georgia
- C. China
- D. Russia

ANSWER: D

17. In Which Indian State, 94th Species Of Gecko Discovered

- A. Tamil Nadu
- B. Karnataka
- C. Kerala
- D. Maharashtra

ANSWER: A

18. Who Was Awarded The 19th Kalakar Puraskar

- A. John Aguiar
- B. Jhon d'silva
- C. Remo Fernandes
- D. Apolinaris D'Souza

ANSWER: D

19. Which Bank Partnered With IRMA To Promote Financial Inclusion In India

- A. August 20
- B. August 23
- C. August 25
- D. August 27

ANSWER: B

20. 'The State Of Food And Agriculture' Is Report Of Which Institution

- A. World Bank
- B. ADB
- C. FAO
- D. IMF

ANSWER: C