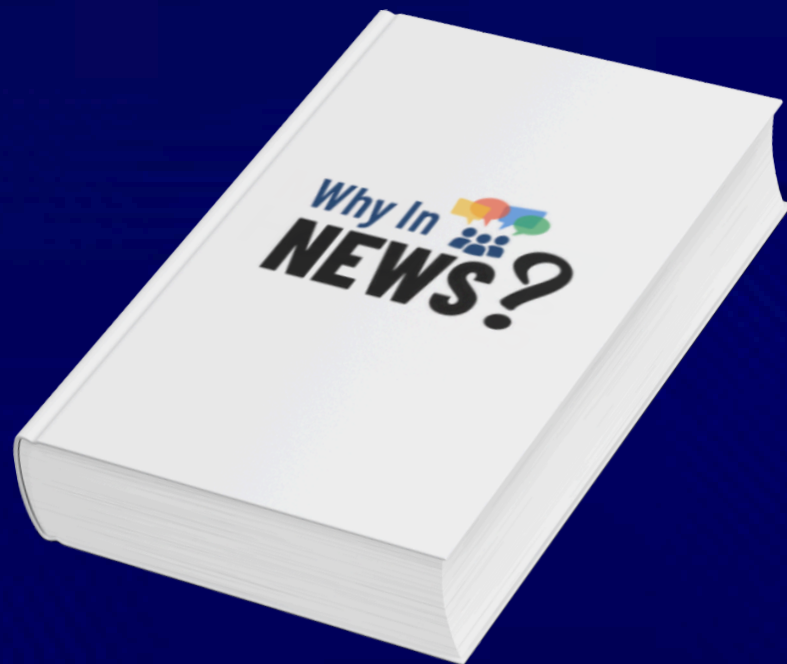
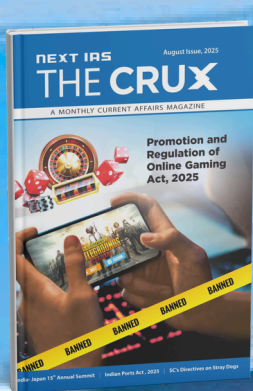


Why In **NEWS?**



English

Weekly Compilation
[06th - 11th October, 2025]



Source: NEXT IAS Magazine

SECI Auction for Green Ammonia

Why in News?

- Solar Energy Corporation of India (SECI) conducted the **first-ever auction** for Green Ammonia procurement under the **National Green Hydrogen Mission**.

About Ammonia

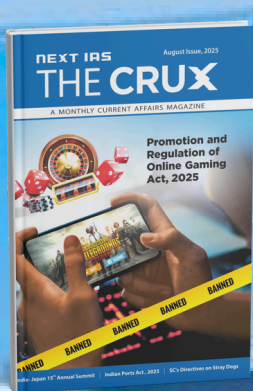
- Ammonia is an **inorganic compound** of nitrogen and hydrogen with formula **NH₃**.
- It is a **colourless gas** with a pungent smell at normal temperature and pressure.

Types of Ammonia

- **Green Ammonia:** Zero-carbon ammonia made using sustainable electricity, water, and air.
- **Blue Ammonia:** Low-carbon ammonia produced with carbon capture and storage technologies.
- **Brown Ammonia:** Made from fossil fuels, resulting in a high carbon footprint.

Need for Green Ammonia

- Conventional ammonia is made by the **Haber-Bosch process**, which is **energy intensive**.
- Global ammonia production is around **176 million tonnes per year**, consuming **1.8% of global energy**.
- Ammonia production emits about **500 million tonnes of CO₂ annually**.
- It is one of the **'big four' carbon emitters**, alongside cement, steel, and ethylene production.



Source: NEXT IAS Magazine

ARYA SAMAJ MARRIAGES

Why in News?

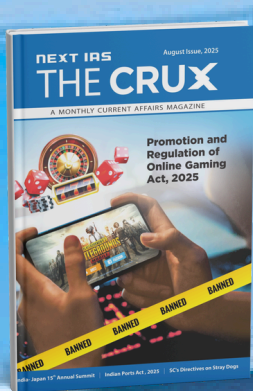
- Allahabad High Court directed the UP government to investigate fake Arya Samaj societies registering marriages.

About Arya Samaj

- Founded by Swami Dayanand Saraswati in 1875 as a Hindu revivalist movement.
- Promoted conversions via “shuddhi” (purification) rituals and encouraged inter-caste and interfaith marriages.

Arya Samaj Marriages

- Weddings are quick, simple, and legally recognized under the Hindu Marriage Act, 1955.
- People from other religions can marry after a quick shuddhi conversion.
- The Arya Marriage Validation Act, 1937 legally recognizes inter-caste and interfaith marriages if both are Arya Samajists.



Source: NEXT IAS Magazine

PIPRAHWA RELICS OF THE BUDDHA

Why in News?

- Sacred Piprahwa Buddha relics surfaced at Sotheby's auction, repatriated to India after 127 years.

About Piprahwa Relics

- It was discovered in 1898 at Piprahwa Stupa, Uttar Pradesh.
- The site is linked to ancient Kapilavastu, Buddha's homeland.

Discovery Details

- Unearthed by British engineer William Claxton Peppé.
- Included bone fragments believed to be of Lord Buddha, crystal caskets, gold ornaments, gemstones, and a sandstone coffer.

Inscription and Significance

- Brahmi script inscription on a casket links relics to Sakya clan (Buddha's clan).
- Indicates relics were enshrined by followers around 3rd century BC.



Stay Tuned!