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International & National News

Kadamba inscription



Context

- An inscription written in Kannada and Sanskrit and said to be of **10th century A.D.Kadamba period** has been discovered in the **Mahadeva temple at Cacoda in southern Goa**.
- The inscription opens with an auspicious saying '**Be it well' (Swasthi Shri)**, and records that when Talara Nevayya was administering the mandala, his son Gundayya having taken a vow to fulfill his father's desire to capture a gopura of the port of Goa fought and died after fulfilling his father's wish

History behind

- Kadambas of Goa were the subordinates of Chalukyas of Kalyana.
- Chalukya emperor Tailapa II appointed **Kadamba Shasthadeva as mahamandaleshwara of Goa** for his help in overthrowing the Rashtrakutas.
- Kadamba Shasthadeva **conquered the city of Chandavara** from the Shilaharas in 960 A.D.
- Later, he conquered the port of Gopakapattana (present Goa).
- **Gundayya, the son of Talara Nevayya**, may have participated in this battle and won the port at the cost of his life.

Vice-Chief of Naval Staff



Context

- **Vice-Admiral Dinesh K. Tripathi** took over as the Vice-Chief of the Naval Staff (VCNS)

Key Points

- Vice-Admiral V. Srinivas took over as **30th FOCINC of the Southern Naval Command** at the Naval Base in Kochi
- Before taking over as the FOCINC, Vice-Admiral Singh served as the VCNS at Naval Headquarters.
- **He was commissioned in 1986** into the Executive Branch of the Navy.

New antibiotic for drug-resistant bacterium

Context

- Researchers have identified a new class of antibiotics with the potential to tackle a **drug-resistant bacterium, Acinetobacter baumannii. Zosurabalpin**
- The antibiotic was found to be effective against **CRAB (carbapenem-resistant Acinetobacter baumannii)**-induced pneumonia and sepsis in mouse models.



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- The **identification and analysis of the antibiotic zosurabalpin** that can kill *Acinetobacter baumannii*, antibiotic-resistant strains of which are hard to treat in the clinic.

Govt. restrictions on imports

Context

The Commerce and Industry Ministry has issued a **Quality Control Order** for a slew of electrical accessories and put the imports of screws in the prohibited category from its current 'free' status.

Key points

- The **Department for Promotion of Industry and Internal Trade (DPIIT)** mandated Bureau of Indian Standards (BIS) certification for all products included under an Electric Accessories (Quality Control) Order, 2023
- The Centre also scrapped the 'free' import status for screws of various kinds that have a **CIF value of less than ₹129 per kilogram.**
- The CIF value refers to the landed cost of imported goods, including insurance and freight.

VIPER



- VIPER stands for **Volatiles Investigating Polar Exploration Rover.**
- It is a robot the size of a golf cart that NASA will use to explore the moon's south pole.
- **Astrobotic, a private company,** developed it as part of the Commercial Lunar Payload Services program.
- This **robotic mission is designed to search for volatiles,** which are molecules that easily vaporize, like water and carbon dioxide, at lunar temperatures.
- These materials could provide resources for future human exploration on the moon.
- The **VIPER robot will rely on batteries, heat pipes and radiators** throughout its 100-day mission, as it navigates everything from the extreme heat of lunar daylight — when temperatures can reach 224 degrees Fahrenheit (107 degrees Celsius) — to the moon's frigid shadowed regions that can reach a mind-boggling -240 degree Celsius.

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