

## EVERYDAY CURRENT AFFAIRS – DECEMBER 29, 2023

### ECONOMY

- **India As Third Largest Economy By 2032**
- ✓ The Centre for Economics and Business Research (CEBR) has recently released a ground-breaking report projecting India's trajectory as the preeminent global economic superpower by the close of the century.



- ✓ This bold projection places India on a course to surpass both China and the United States in Gross Domestic Product (GDP), underlining its sustained and robust economic growth.
- ✓ According to the latest World Economic League Table by CEBR, India's GDP is poised to exceed that of China by a staggering 90% and surpass that of the United States by 30%.
- ✓ The sustained growth, according to the report, is attributed to India's expansive and youthful population.

### APPOINTMENT

- **Nina Singh First Woman CISF Chief**

- ✓ Nina Singh has been appointed as the chief of Central Industrial Security Force (CISF).



- ✓ Currently, Nina Singh (1989-batch IPS officer -Rajasthan cadre) is working as Special Director General, CISF.
- ✓ CISF is a federal police organisation in India under the Ministry of Home Affairs.
- ✓ Vivek Srivastava, a 1989-batch IPS officer of Gujarat cadre, will be Director General, Fire Service, Civil Defence and Home Guards.
- ✓ He has been appointed to the post till June 30, 2025.

## SCIENCE, TECHNOLOGY & ENVIRONMENT

- **'God of Chaos' Asteroid**
- ✓ NASA has relaunched a spacecraft to explore an asteroid nicknamed the "God of Chaos" that will make an extremely close flyby of Earth in 2029.



- ✓ The asteroid Apophis, named after the Egyptian god of chaos, measures about 1,100 feet wide.
- ✓ It approaches Earth every 7,500 years, with its next close pass happening on April 13, 2029.
- ✓ On that date, Apophis will come within 20,000 miles of our planet – closer than some human-made satellites – making it visible to the naked eye.

- ✓ Now called OSIRIS-APEX, its mission is to observe Apophis before, during and after its 2029 flyby to understand the effects of Earth's gravity on the asteroid.
- **India's First X-Ray Polarimeter Satellite**
- ✓ Following the successes of the Chandrayaan-3 and Aditya-L1 missions, ISRO is gearing up for its latest venture – the XPoSat mission.



- ✓ Scheduled for launch on January 1, 2024, this mission marks India's maiden foray into polarimetry, a field crucial for studying black holes and other celestial sources emitting X-rays.
- ✓ ISRO emphasizes the importance of understanding complex emission mechanisms from celestial sources like black holes, neutron stars, active galactic nuclei, and pulsar wind nebulae.

