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## Daily Current Affairs Encyclopedia

#### **TN CA 23 MArch 2024**

#### Martyrs' Day



#### Context:

- In India, March 23rd is commemorated as Martyrs' Day, also known as Shaheed Diwas.
- This day specifically honors the sacrifices of three legendary freedom fighters: Bhagat Singh, Sukhdev Thapar, and Shivaram Rajguru.

#### About:

- These three revolutionaries were hanged by the British Raj in 1931 for their role in resisting British rule.
- Martyrs' Day serves as a day to remember all those who fought and died for India's freedom.
- It's a time to express gratitude for their sacrifices and reflect on the importance of freedom.

#### Note:

- January 30th is also celebrated as Martyr;s day.
- It commemorates the assassination of Mahatma Gandhi, the "Father of the Nation," in 1948.

# Chola-era pot fragment unearthed from Thenpennai riverbed in Villupuram



#### Context:

- A team of researchers unearthed a pot fragment inscribed with Tamil letters from the Thenpennai riverbed near Villupuram, TN.
- The fragment is believed to be from the Chola era (roughly 9th to 13th centuries AD).
- It's the first time a potsherd with Chola-style Tamil script has been found in Tamil Nadu.
- While potsherds with older Tamil scripts (Brahmi and Vattezhuthu) have been unearthed previously, this fragment offers a unique glimpse into everyday items used during the Chola period.

ISRO's step towards realizing Indian space shuttle 'Pushpak'

### Context:

- ISRO is inching closer to a reusable launch vehicle, nicknamed "Pushpak" after the mythical flying chariot.
- This ambition took a significant step forward with the successful test landing of the RLV-LEX [Reusable Launch Vehicle - Technology Demonstrator].

The Test



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- Conducted at the Aeronautical Test Range in Karnataka.
- The winged LEX-2 was lifted by helicopter and released at 4.5 km altitude.
- It autonomously glided back, performing course corrections before landing precisely using a combination of braking systems.

#### **Significance**

- This test simulates the high-speed landing of a reusable spacecraft returning from space.
- Reusable launch vehicles offer significant cost savings compared to expendable rockets.

### **World Down Syndrome Day**



#### Context:

- World Down Syndrome Day is celebrated annually on March 21st
- It is a day to raise awareness about Down syndrome and celebrate the contributions of people with Down syndrome.
- The date, 3/21, reflects the triplication (trisomy) of the 21st chromosome that causes Down syndrome.
- This day was officially recognized by the United Nations in 2012.

#### About:

- Down's syndrome is a genetic disorder caused when abnormal cell division results in extra genetic material from chromosome 21 (trisomy 21).
- This extra copy changes how a baby's body and brain develop.
- It can cause both mental and physical challenges during their lifetime.

#### Theme:

This year's theme is 'End The Stereotypes'.

### **World Meteorological Day**

#### **Context:**

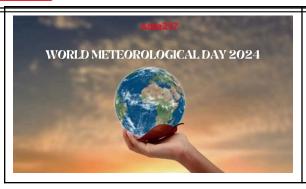
- World Meteorological Day is celebrated on March 23rd every year.
- It marks the anniversary of the establishment of the World Meteorological Organization (WMO) in 1950.
- The day highlights the importance of weather and climate information for society's safety and well-being.

#### Theme:



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- This year's theme is "At the Frontline of Climate Action."
- It emphasizes the crucial role of weather observation, forecasting, and climate science in understanding and addressing climate change.