

# Prelims Focus - 21st March 2024

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## 1. Potti Sriramulu

**In News:** Tributes were paid to Sri Potti Sriramulu on his 123rd birth anniversary.

- Sriramulu took part within the Indian Independence Movement and was imprisoned for participating in the 1930 Salt Satyagraha.
- Between 1941 and 1942, he participated in the character satyagraha and the Quit India movement and was imprisoned in 3 events.
- He was a religious follower, avid supporter and devotee of Mahatma Gandhi. He also joined the Gandhi Ashram set up by Yerneni Subrahmanyam, in Komaravolu.
- He undertook three fasts, at some stage in 1946 and 1948, in guidance of Dalit rights to enter holy places, such as the temples of Nellore.
- He fasted in support of Dalit access rights to the Venu Gopala Swamy Temple in Moolapeta, Nellore, rights which had been finally secured.

## 2. Ketamine

**In News:** Elon Musk has admitted using the prescription of ketamine in order to manage a negative chemical state similar to depression.

- Ketamine is used to deal with pain and depression and in heavy doses is used as a sedative.
- It also incorporates risks, which include hallucinations and potential overdose leading to unconsciousness and slowed breathing.
- Ketamine is frequently administered in a scientific environment, or its close version, Spravato, is available as a nasal spray specially for remedy-resistant depression.

### 3.Lab Network To Test Food For Pathogens

**In News:** The Food Safety and Standards Authority of India (FSSAI), has taken the 'Lab Network To Test Food For Pathogens' initiative in order to ensure food safety in the country.

- It is a network of 34 microbiology labs throughout the country to check food products for microbial infection.
- The labs are equipped to check food products for 10 pathogens, such as E. Coli, salmonella, and listeria. These labs test food samples accumulated throughout recurring surveillance for microbes.
- It aims to help in the early detection of microbial infection in food merchandise, thereby preventing foodborne ailments and making sure the health and well-being of the public.

### 4.Tiger Triumph-24

#### Recent News:

The Indian and US navies are conducting a joint exercise on the eastern coast of India. Known as "Tiger Triumph-24", the exercise is based on the humanitarian aspect of disaster relief operations.

#### Details:

- Tiger Triumph-24: A bi-service exercise between India and the U.S. held from March 18 to March 31, 2024.
- This exercise was conducted in the Eastern Seaboard in the U.S., focusing on HADR operations.
- India participated in the form of Navy ships, aircraft, Army personnel, and Air Force in RAMT, while the U.S. was represented by Navy ships and troops.
- The primary aim was to enhance interoperability and SOPs for HADR.
- It involved the harbour phase from March 18-25, including training, expert exchanges, sports, and social.
- This was the seaport, and the next was the sea phase, involving maritime, amphibious, and HADR.
- The exercise was particularly important because it improved India-U.S. defence collaboration and disaster response.

### Global Climate Report 2023

#### Recent News:

As per the recent news release, the world meteorological organisation released the state of the global climate report 2023 where-in it confirmed that, the year 2023 was the warmest year on record.

#### Details:

- Recording suggests that 2023 is the warmest year on record, with average

temperatures worldwide 1.40°C higher than pre- industrial levels.

- Over the last 9 years (2015 – 2023), this time was the hottest period since keeping records began.
- The 2023 El Niño event greatly increases global temperatures.
- Due to significant temperature anomalies in a number of areas, including Canada, South America, Africa, Europe and parts of both the Atlantic and Pacific Ocean, this winter has had an abnormal perception for many people.
- With symptoms of extreme heat dashed throughout spring and summer, Asia concluded its second hottest year on record and even features for unusual warmth can be noticed in the statistics.