Naval Version of BrahMos Tested

Why in News

A **naval version** of the **BrahMos supersonic cruise missile** was successfully test-fired from an indigenously built stealth destroyer (INS Chennai) of the Indian Navy in the Arabian Sea.

Key Points

- **BrahMos:** It is a **joint venture** between the **Defence Research and Development Organisation of India (DRDO)** and the NPOM of Russia.
    - Brahmos is named on the **rivers Brahmaputra (India) and Moskva (Russia).**
- It is a **supersonic** missile travelling at a speed of **Mach 2.8** (nearly three times the speed of sound)
    - It is the world's **fastest supersonic cruise missile.**
- It is a **multiplatform** i.e it can be launched from **land, air, and sea** and multi capability missile with pinpoint accuracy that works in **both day and night** irrespective of the weather conditions.
    - It is, therefore, used by all three forces, the **Army, Navy and the Air Force.**
- It operates on the **"Fire and Forget"** principle i.e it does not require further guidance after launch.
- It is the **heaviest weapon** to be deployed on **Sukhoi-30 MKI fighter aircraft**, with a weight of 2.5 tonnes.
- Its **range has been recently enhanced** from 300 Km to 450-600 Km,
- Increasing the missile's range became possible after India's induction into the **Missile Technology Control Regime (MTCR)** in June 2016.
- The missile features **indigenous Booster and Airframe Section,** along with many other **indigenous sub-systems.**
- **Advantages:**
    - BrahMos has been deployed in **Ladakh** as well as the **Eastern Sector in Arunachal Pradesh** to tackle any threats in the **ongoing standoff with China.**
    - Enhanced use of indigenous technologies will give a boost to India's **AtmaNirbhar Bharat.**
    - Increasing indigenous content in defence systems has also been a prime focus of **Defence Acquisition Procedure, 2020** and **draft Defence Production and Export Promotion Policy 2020.**
- **Recent Defence Testing:**
    - India also carried out successful test firing of a laser guided anti-tank guided missile and nuclear capable hypersonic missile 'Shaurya'**.**
    - The successful test firing of **Rudram-1** was seen as a major milestone as it is India's **first indigenously developed** anti-radiation weapon.

Source: TH