

Prelim Bits 05-06-2017

GSLV Mark III

\n\n

\n

- GSLV Mk III is a **three-stage heavy lift launch vehicle** developed by ISRO. The vehicle has two solid strap-ons, a core liquid booster and a cryogenic upper stage.

\n

- GSLV Mk III is designed to carry 4 ton class of satellites into Geosynchronous Transfer Orbit (GTO) of 36,000 km; or about 10 tons to Low Earth Orbit (LEO) of up to 800 km., which is **about twice the capability of GSLV Mk II.**

\n

- The indigenous GSLV-Mark III will make a bid to breach a heavy-lift rocket club. The U.S., Russia, Europe, China and Japan are already there.

\n

- The success of the first full flight of Mk III will mean that soon, Indian communication satellites can be lofted into space from within the country.

\n

- Although **MkIII was approved in 2002** and work on it and its facilities began over the last six to eight years, the most intensive part was during 2014-16.

\n

\n\n

Orang Tiger Reserve

\n\n

\n

- Orang tiger reserve in Assam with the **smallest core** (78.28 sq. km) among 50 nationally protected areas, has presented wildlife scientists doing a census with a surprise: **a high density of 28 big cats.**

\n

- Orang Tiger Reserve is the 49th in the country. **Kamlang Tiger Reserve in Arunachal is the 50th and latest to be notified.**

\n

- Density is calculated based on the number of tigers per 100 sq. km. So, if we

calculate density of tigers for 100 sq. km., it comes to **35.44**. Thus, Orang has the highest density nationally.

\n

- The density in Kaziranga National Park was 12.72 per 100 sq. km., followed by Jim Corbett National Park (11) in Uttarakhand and Bandipur National Park (10.28) in Karnataka.

\n

\n\n

Rashtriya Vayoshri Yojana

\n\n

\n

- The Scheme aims at **providing Senior Citizens, belonging to BPL category** and suffering from any of the age related disability/infirmity viz. Low vision, Hearing impairment, Loss of teeth and Locomotor disability, with such **assisted-living devices** which can restore near normalcy in their bodily functions, overcoming the disability/infirmity manifested.
- The assistive devices shall be of high quality and conforming to the standards laid down by the Bureau of Indian Standards, wherever applicable.
- Recently, 2383 Aids and Assisted Living Devices were distributed to 1266 Senior Citizens during a Camp on “Rashtriya Vayoshri Yojana” of Ministry of Social Justice and Empowerment.

\n

\n

