

Topic Wise Content

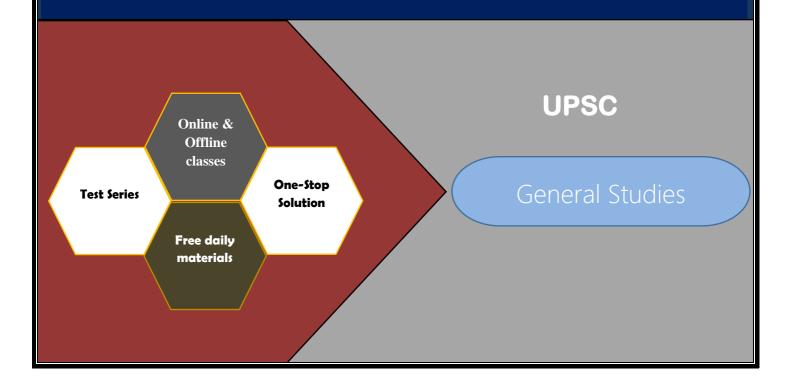


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Pinaka Extended Range Rocket System

Notes for civil services preparation





Pinaka Extended Range Rocket System

Recently, the **DRDO** (**Defence Research and Development Organization**) successfully test fired the **Pinaka Extended Range** (**Pinaka-ER**) **Multiple LaunchRocket System** (**MLRS**).

• Earlier, the DRDO also launched the **Supersonic Missile Assisted TorpedoSystem** (SMART).

Key Points

About:

- The Pinaka, a **Multi-Barrel Rocket-Launcher (MBRL) system** named afterShiva's bow, can fire a salvo of **12 rockets over a period of 44 seconds.**
- The new version is equipped with advanced technology to enhance itsstrength. The metal weight is lesser compared to the earlier version.
- The newly tested system can achieve a range of up to 45km which is a bigfeat for the Indian Army.
 - The existing Pinaka system, which is already in the Army, has a rangeof up to 35-37km.

• Significance:

• The new incarnation of pinaka represents one of the few examples of an evolutionary process being followed with an indigenous Indian weapon system.

