

LEGENDARY IAS MENTOR

PRELIMS CARDIO

MISSILE	TYPE	RANGE
Astra	Air to air	80-110 km
MICA	Air to air	500 m TO 80 km
Novator K-100	Medium Range air-to-air missile	300-400 km
	<u>SURFACE TO SURFACE MISSILES</u>	
Agni-I	Medium-range ballistic missile	700-1250 km
Agni-II	Intermediate-range ballistic missile	2,000-3,000 km
Agni-III	Intermediate-range ballistic missile	3,500 km – 5,000 km
Agni-IV	Intermediate-range ballistic missile	3,000 – 4,000 km
Agni-V	Intercontinental ballistic missile	5000 – 8000 km
Dhanush	Short-Range Ballistic Missile	350 – 600 km
Prahaar	Short-Range Ballistic Missile	150 km
Prithvi I	Army version; Short-Range Ballistic Missile	150 km
Prithvi II	Air force version of Prithvi; Short-Range Ballistic Missile	350 km
Prithvi III	Navy version of Prithvi	350 km
Shourya	Medium-Range Ballistic Missile	750 to 1,900 km
Pralay	Short -Range Ballistic Missile	500 km
	<u>SURFACE TO AIR MISSILES</u>	
Akash	Medium range – can engage multiple aerial targets – Mach 3.5	Height - 18km Range – 45 km
Trishul	short-range; intercept low-flying enemy aircraft and missiles.	9 km
QRSAM	Quick reaction surface to air missile	30 km
MRSAM	Medium range	70 km
LRSAM	Long range	100 km
	<u>CRUISE MISSILES</u>	
BrahMos	Supersonic cruise missile (Mach 2.8)	290 km
BrahMos II	Hypersonic cruise missile (>Mach 5)	300 km
Nirbhay	Subsonic cruise missile	1,000 – 1,500 km

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	<u>DEFENSE MISSILE</u>	
Advanced Air Defence	Endo-atmospheric Anti-ballistic missile	Altitude – 30 km Range:150 – 200km
Prithvi Air Defence	Exo-atmospheric Anti-ballistic missile	Altitude – 80 km Range:300 – 2000km
Prithvi Defence Vehicle	Exo-atmospheric Anti-ballistic missile	Altitude – 150 km Range: 300- 2000km
	<u>SUBMARINE LAUNCHED</u>	
Ashwin	Ballistic Missile	150-200 km
K-4	Ballistic Missile	3,500–5,000 km
K-5	Ballistic Missile	6,000 km
Sagarika	Ballistic Missile	700 – 1900 km
	<u>ANTI-TANK MISSILE</u>	
Amogha	Anti-Tank Guided Missile	2.8 km
Helina	Anti-Tank Guided Missile	7-8 km
Nag	Anti-Tank Guided Missile	4 km

1. The **SPYDER** (Surface-to-air PYthon and DERby) is an Israeli short and medium-range mobile air defence system developed by Rafael Advanced Defense Systems with assistance from Israel Aerospace Industries (IAI).
2. **Barak 8** (the Hebrew word for Lightning) is an Indian-Israeli surface-to-air missile (SAM), designed to defend against any type of airborne threat; Long range; Multiple Simultaneous Engagements
3. **S-400 Triumph**: From Russia ; Surface to air missile; anti-aircraft missile system