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MISSILES OF INDIA



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Free Static GK Ebook - Missiles of India

Static GK is an integral part of the general awareness section. Questions related to Missile's are common in the general awareness section of Bank and Government exams like SBI PO and Clerk, IBPS PO and Clerk, RBI Grade B and Assistant, SSC Exams, UPSC and more.

Here's a Sample Question:

Which missile of the Indian Arsenal in operation has the highest operational range?

- a. Agni - II
- b. Agni - V
- c. Agni VI
- d. Prithvi III

Solution: b. Agni V. (Agni VI has a higher range, but it is still in development stage and question is about the missiles in service.)

In competitive exams, as little as 1 mark can make a lot of difference. For your assistance, we bring to you a Free eBook on Missiles of India. The following pages of the eBook list down important Missiles of India along with their type, description and status

Abbreviations of missile categories –

SRBM – Short Range Ballistic Missile

MRBM – Medium Range Ballistic Missile

IRBM – Intermediate range Ballistic Missile

ICBM – Inter Continental Ballistic Missile

SRSAM – Short range Surface to Air missile

SLBM – Submarine Launched Ballistic Missile

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NAME	TYPE	FEATURES	STATUS
Agni I	MRBM Single Stage	It is a Surface to Surface Missile. Its range is 1250 km. It weighs 12 tonnes and can carry warheads weighing up to 1 ton. It is developed by DRDO	In service
Agni II	IRBM, Two Stage	It is a Surface to Surface Missile. Its range is 2000-2500 km, based on the warhead load. It weighs 16 tonnes and can carry warheads weighing up to 1 ton. It is developed by DRDO	In service
Agni III	IRBM, Two Stage	It is a Surface to Surface Missile. Its range is 2500-3500 km, based on the warhead load. It weighs 20 tonnes and can carry warheads weighing up to 1.5 to 2 ton. It is developed by DRDO	In Service
Agni IV	IRBM, Two Stage	It is a Surface to Surface Missile. Its range is 3500 – 4000 km, based on the warhead load. It weighs 17 tonnes and can carry warheads weighing up to 1.5 ton. It is developed by DRDO	In Service
Agni V	ICBM, Three Stage	It is a Surface to Surface Missile. Its range is 5000-8000 km, based on the warhead load. It weighs 50 tonnes and can carry warheads weighing up to 1.5 ton. It is developed by DRDO	In Service
Agni VI	ICBM 4 stage	It is a Surface to Surface Missile. Its range is 8000 – 12000 km, based on the warhead load. It weighs 70 tonnes and can carry warheads weighing up to 3 tonnes. It is developed by DRDO	Development Stage
Akash	Short Range	It is a surface to Air missile. It has a Range of 30 km. It weighs 720 kg and carry warheads up to 60 kg. It is developed by DRDO	In Service
Astra	Beyond Visual Range	It is an Air to Air Missile. Its range is 80 km. It weighs around 154 kg and can carry warheads up to 15 kg. Developed by DRDO.	In Service
Barak 1	SRSAM, Ship Defence	It is a Ship to Air and Ship to Surface Missile. Its range is 12 km. It weighs 98 kg and can carry warhead up to 22 kg.	In Service. Fitted upon Shivalik class Frigates

Barak 8	SRSAM, Ship Defence	It is a Ship to Air and Ship to Surface Missile. Its range is 90 km. It weighs 275 kg and can carry warhead up to 60 kg.	In Service. Fitted upon Kolkata class destroyers
Brahmos	Cruise Missile	It can be fired from anywhere – Land, Naval and Air. Its range is 300 km. It weighs 3 tonnes and can carry warhead up to 200 kg	In service
Dhanush	Naval Variant of Prithvi II	It is a sea to sea or surface missile. It has a range of 350 to 750 km based on the weight of war head it carries. Its weight is 4.6 tonnes and it can carry warheads weighing from 0.25 to 1 ton	In service
K4 Missile	SLBM	It is an underwater to surface missile with a range of 3500 km. It weighs 17 tonnes and carry warheads weighing up to 2 – 2.5 tonnes.	Testing phase
Nag	Fire and Forget, Anti-Tank missile	It can be launched for surface and Air to hit targets on the surface. It has a short range of 4 km. It weighs just 42 kg and can carry warheads weighing up to 8 kg.	In Service
Nirbhay	Stealth, Subsonic Cruise missile	It can be fired for anywhere – Land, Air and Naval. It has an operational range of 1000 km. It can carry warheads up to 100kg and it weighs 1 tonne	In testing phase
Prahaar	Tactical Ballistic Missile.	It is a Surface to Air missile. It has Quick reaction feature and omni directional warheads. It has an operational range of 150 km. It weighs 1280 kg and can carry warhead up to 200 kg.	In Service
Prithvi I	SRBM	It was a surface to surface missile with an operational range of 150 km. It weighed 4.4 tonnes. Its warhead capacity was 1 tonne	Not in service
Prithvi II	SRBM	It is a surface to surface missile. It has an operational range of 350 km with a weight of 4.6 tonnes. Its warhead capacity is 0.5 tonnes	In Service
Prithvi III	SRBM	It is a surface to surface missile. It has an operational range of 600 km with a weight of 5.6 tonnes. Its warhead capacity is 0.5 tonne	In Service
Sagarika (K15)	SLBM	It is an underwater to surface missile with a range of 700 km. It weighs 6 tonnes and can carry warheads up to 1 tonne	In service

Shaurya	Hypersonic, Cannister launched	It is a Surface to surface missile with a range of 700 to 1900 km depending on the warhead weight it carries. Its weight is 6.2 tonnes, with a warhead capacity of 180 – 1000 kg	In service
Trishul	Short range for Navy	It is a surface to air missile. It has a range of 9 km. Its weight is 130 kg. Its warhead capacity is 5 kg.	Not in service

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