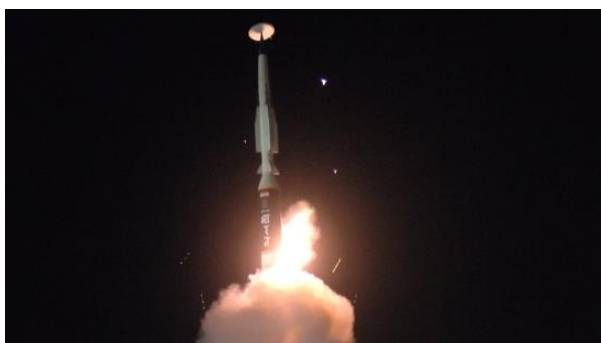


Daily Defence Current Affairs

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India Successfully Tests Long-range Hypersonic Missile

- India tested its first long range hypersonic missile on Saturday night, entering an elite club of nations that have the ability to launch a weapon that is almost impossible to intercept.
- The land-launched missile has been under development for the past decade and several variants are expected to enter service in the coming years. "The missile was tracked by various range systems, deployed in multiple domains.
- The flight data obtained from down range ship stations confirmed the successful terminal maneuvers and impact with high degree of accuracy," officials said. The missile has been indigenously developed by laboratories of Dr APJ Abdul Kalam Missile complex, Hyderabad, along with various other DRDO laboratories and Industry Partners, they added.
- This hypersonic missile can reportedly carry various payloads for ranges over **1500km** for all the Services of the Indian Armed Forces.
- Hypersonic weapons are those which travel at hypersonic speed, defined as between 5 and 25 times the speed of sound or about 1 to 5 miles per second.
- On November 12, DRDO conducted the maiden flight-test of **Long Range Land Attack Cruise Missile (LRLACM)** from the Integrated Test Range (ITR) in Chandipur off the coast of Odisha from a mobile articulated launcher.



Amit Shah Reviews Security Situation In Manipur

- Union Home Minister Amit Shah on Sunday convened a high-level meeting with senior officials in the national capital to assess the security situation in Manipur.
- Sources indicated that the Home Minister has planned to hold a detailed review meeting on Monday to address the concerns and strategies surrounding the fragile security scenario that has gripped Manipur in recent days.
- This visit comes as the security situation remains volatile, with the CRPF playing a crucial role in maintaining peace and stability.
- The bodies - three of which were pulled from a river in Jiribam on Friday while three more were found on Saturday - are suspected to be of those belonging to the Meitei community who went missing in Jiribam district after a gunfight between Kuki insurgents and Manipur police last week.
- News of the discovery provoked irate mobs to attack the homes of state ministers. Protesters also burned tyres and blocked roads in the capital city of Imphal on Saturday.



Houthi Rebels Targets Ship In The Red Sea

- A suspected attack by Yemen's Houthi rebels targeted a commercial ship late Sunday night traveling through the southern reaches of the Red Sea, though it caused no damage nor injuries, authorities said.

- The attack comes as the rebels continue their monthslong assault targeting shipping through a waterway that typically sees \$1 trillion in goods pass through it a year over the Israel-Hamas war in Gaza and Israel's ground offensive in Lebanon.
- The Houthis have targeted more than 90 merchant vessels with missiles and drones since the war in Gaza started in October 2023. The Houthis have shot down multiple American MQ-9 Reaper drones as well.



President Biden for the first time OKs Ukraine's use of US-supplied long-range missiles

- President Joe Biden has for the first time authorized the use of U.S.-supplied long-range missiles by Ukraine to strike inside Russia, according to one U.S. official and three people familiar with the matter.
- The decision is a major U.S. policy shift and comes as Biden is about to leave office and incoming President-elect Donald Trump has said he would bring about a swift end to the war and has expressed skepticism over continued support by the United States.
- Some supporters have argued that this and other U.S. constraints could cost Ukraine the war. The debate has become a source of disagreement among Ukraine's NATO allies.



What are ATACMS, the US missiles that may be used Against Russia

- For the first time, the Biden administration has authorized Ukraine to use U.S.-supplied ballistic missiles for attacks inside Russia, U.S. officials say, marking a major policy shift.
- The missiles are known as the Army Tactical Missile Systems, or ATACMS. They are likely to be initially employed against Russian and North Korean troops to support Ukrainian forces in the Kursk region of western Russia, according to U.S. officials.
- Ukraine has been lobbying the United States for years to receive the authorization, which comes in the final months of the Biden administration. President-elect Donald Trump has said he will seek a quick end to the war in Ukraine.
- ATACMS, made by Lockheed Martin, are short-range ballistic missiles that, depending on the model, can strike targets 190 miles away with a warhead containing about 375 pounds of explosives.



REVIEW QUESTIONS

1. **Where was the long-range hypersonic missile successfully flight-tested by DRDO?**

- A. Andaman Islands
- B. Dr APJ Abdul Kalam Island
- C. Rameswaram
- D. Kanyakumari

ANSWER: B

2. **What is the range capability of the indigenously developed hypersonic missile by DRDO?**

- A. 500 km
- B. 1,000 km
- C. Greater than 1,500 km
- D. 2,000 km

ANSWER: C

3. **Which organization developed the ATACMS short-range ballistic missiles?**

- A. DRDO
- B. Raytheon Technologies
- C. Lockheed Martin
- D. Boeing

ANSWER: C

4. What is the price tag for the MQ-9B Predator drones that the Indian Army and IAF are planning to jointly deploy?

- A. USD 2 billion
- B. USD 4 billion
- C. USD 6 billion
- D. USD 8 billion

ANSWER: B

5. Which Indian Air Force personnel was mourned due to injuries sustained in an attack?

- A. Corporal Vikky Pahade
- B. Sargent B Siva Kumar
- C. Naik B K Upadhyay
- D. None

ANSWER: A

6. Which is the 6th largest Submarine Under P75?

- A. INS Karanj
- B. INS Vagsheer
- C. INS Kirpan
- D. INS Vela

ANSWER: B

7. National College for Policing and Law Enforcement is one of India's largest funded projects in

- A. USA
- B. UK
- C. Maldives
- D. None of the above

ANSWER: C

8. The MiG-29 Is A

- A. Qatar
- B. Oman
- C. UAE
- D. UK

ANSWER: D

9. "Naam Namak Nishaan" Is The Motto Of

- A. THE GRENADIERS
- B. Rajputana Rifles
- C. Gorkha
- D. None

ANSWER: A

10. IATA Stands For

- A. International Air Transport Associate
- B. International Apex Transport Association
- C. International Air Transport Association
- D. None of the above

ANSWER: C

11. K2 Black Panther Tank Belongs To

- A. Oman
- B. Qatar
- C. Sri Lanka
- D. South Korea

ANSWER: D

12. Ankara Is The Capital Of

- A.** Oman
- B.** Qatar
- C.** Turkey
- D.** Maldives

ANSWER: C

13. "India 2020: A Vision for the New Millennium" Book Is Written By

- A. Shashi Tharoor
- B. Rabindra Nath Tagore
- C. M K Gandhi
- D. Dr A P J Abdul Kalam & Dr Y S Rajan

ANSWER: D

14. North-West Region Of ICG Located In

- A. Kochi
- B. Vishakhapatnam

- C. Gandhinagar
- D. Mumbai

ANSWER: C

15. AH-64 Apache Is A

- A. Transport Helicopter
- B. Attack Helicopter
- C. Light Utility Helicopter
- D. None of the above

ANSWER: B

16. Operation Ganga Was Conducted By IAF In

- A. UK
- B. USA
- C. Ukraine
- D. Afghanistan

ANSWER: C

17. Department of Defence Production Comes Under

- A. Ministry of Culture
- B. MHA
- C. MOD
- D. MEA

ANSWER: C

18. Defence Institute of High-Altitude Research Is In

- A. New Delhi
- B. Jammu
- C. Ladakh
- D. None of the above

ANSWER: C

19. Dhanush (howitzer) Manufactured By

- A. L & T
- B. Boeing
- C. ISRO
- D. Advanced Weapons and Equipment India Limited

ANSWER: D

20. BRICS Stands For

- A. Brazil Russia India China And South Africa
- B. Brazil Russia India China And South Asia
- C. Brazil Russia Indonesia China And South Africa
- D. None of the above

ANSWER: A