

# Daily Defence Current Affairs

## 13 January 2024

### DRDO Conducts Successful Flight-test of New Generation AKASH

- DRDO conducted a successful flight-test of the New Generation AKASH (AKASH-NG) missile from the Integrated Test Range (ITR), Chandipur off the coast of Odisha at 1030 hrs on January 12, 2024.
- The flight-test was conducted against a high-speed unmanned aerial target at very low altitude. During the flight-test, the target was successfully intercepted by the weapon system and destroyed.
- The flight-test was witnessed by senior officials from DRDO, IAF, Bharat Dynamics Limited (BDL) and Bharat Electronics Limited (BEL). The AKASH-NG system is a state-of-the-art missile system capable of intercepting high speed, agile aerial threats.



## Project SAMBHAV

- In line with the ethos of 'Atmanirbhar Bharat', the Indian Army has indigenously developed an "end-to-end secure mobile ecosystem" to provide secure communication with instant connectivity on the move, according to officials.
- The ecosystem -- SAMBHAV (Secure Army Mobile Bharat Version) -- operates on the state-of-the-art contemporary 5G technology and will represent a "significant leap forward in India's defence capability", a senior official said.
- It has been developed in close collaboration with national centres of excellence from the academia and industry.
- In the context of the SAMBHAV ecosystem, "35,000 sets are to be configured in two phases, with initial 2,500 sets to be configured by January 15, and the remaining by May 31 this year," they added.



## Indian Light Tank Zorawar Begins Trials

- The development trials of the light tank Zorawar have already started and the DRDO is expected to hand it over to the Indian Army for further testing by April this year.
- "The light tank with its new engine has started in our development cum production partner's facilities. The tank has been moved around for more than

100 km, and it is expected to be given to the Indian Army by April this year," defence officials.

- The Army has given orders for producing and supplying 59 Zorawar light tanks to DRDO, which is producing them with its partners Larsen and Toubro.
- The Indian Army will also be holding a competition for buying 295 more light tanks under a different programme, for which six to seven firms are offering their light tanks.



## **Adani Group To Inaugurate Ammunition Plant In Kanpur**

- After handing over its first Indian made drones to the Navy, the Adani Group is going ahead with the inauguration of a mega ammunition plant in Kanpur, which it bills as the largest such integrated facility in south Asia.
- The plant, which will initially be set up over 250 acres, is set to be inaugurated next month and will start producing small arms ammunition in the first phase.
- Being set up with an initial investment of ₹1,500 crore, the plant will first manufacture 7.62- and 5.56-mm bullets that are used in assault rifles.



## Indian Air Force AN-32(K-2743)

- An Indian Air Force An-32 aircraft (registration K-2743), had gone missing over the Bay of Bengal on 22 July 2016 during an op mission. 29 Personnel were on board this flight. Large scale Search and Rescue operations by aircraft and ships could not locate any missing personnel or the aircraft debris.
- The National Institute of Ocean Technology which functions under the aegis of the Ministry of Earth Sciences, had recently deployed an Autonomous Underwater Vehicle (AUV) with deep sea exploration capability at the last known location of the missing An-32.
- This search was conducted at a depth of 3400 m using multiple payloads, including a multi-beam SONAR (Sound Navigation and Ranging), synthetic aperture SONAR and high resolution photography.
- The search images were scrutinised and found to be conforming with an An-32 aircraft. This discovery at the probable crash site, with no other recorded history of any other missing aircraft report in the same area, points to the debris as possibly belonging to the crashed IAF An-32 (K-2743).



## Several Indian Navy warships deployed to deter pirates in Arabian Sea

- Stepping up its presence to show the flag and deter piracy and drone strikes, the Indian Navy has now deployed almost 10 frontline warships with marine commandos in the region stretching from the north and central Arabian Sea to the Gulf of Aden.
- "6-10 major indigenous Indian Navy warships, including destroyers, frigates and offshore patrol vessels, are deployed in the Arabian Sea and Gulf of Aden with a special focus near the coast of Somalia to prevent piracy and drone attacks on merchant vessels," the navy officials said.
- The Navy chief added that there have only been two incidents, so far, which prompted the marine warriors to conduct anti-piracy operations.
- "Both incidents involved non-Indian-flagged vessels. In the second incident, an Indian crew was aboard the vessel, prompting the Navy to respond," he added.



## REVIEW QUESTIONS

1. \_\_\_ Conducted a successful flight-test of the New Generation AKASH Missile.  
A. DRDO  
B. ICG  
C. ISRO

D. None

**ANSWER: D**

**2. INS Sahyadri Is**

A. Destroyer

B. OPV

C. Submarine

D. Frigate

**ANSWER: D**

**3. Which of the following Country Is Not The Member Of ASEAN**

A. Brunei

B. Laos

C. Vietnam

D. China

**ANSWER: D**

**4. Hq of ASEAN Is In**

A. Indonesia

B. Malaysia

C. Sri Lanka

D. Maldives

**ANSWER: A**

**5. Hq of 15/Chinar Corps of Indian Army Is In**

A. Srinagar

B. Jaipur

C. Kochi

D. Baramulla

**ANSWER: A**

**6. India-ASEAN Foreign Ministerial Meeting Being Hosted By**

A. Jakarta

B. New Delhi

C. Minsk

D. Dhaka

**ANSWER: B**



**7. With Which Nation does India Holds 2+2 Dialogue?**

- A. Pakistan
- B. Japan
- C. USA
- D. Both B& C

**ANSWER: D**

**8. DRDO Lakshya Is A**

- A. Fighter Jet
- B. Ship
- C. Tank
- D. UAV

**ANSWER: D**

**9. Exercise Samudra Shakti Conducted B/w Indonesia &**

- A. India
- B. Nepal
- C. Bangladesh
- D. Bhutan

**ANSWER: A**

**10. College of Air Warfare Is At**

- A. Pune
- B. Gurugram
- C. Wellington
- D. Secunderabad

**ANSWER: D**

**11. LEMOA Stands For**

- A. Logistics Exchange Memorandum of Agreement
- B. Logistics Exchange Memorandum of Appeal
- C. Logistics Extra Memorandum of Agreement
- D. All are correct

**ANSWER: A**

**12. Captain Rank of Indian Navy Equivalent to Which rank of IAF?**

- A. Flying Officer
- B. Flight Lieutenant
- C. Group Captain

D. None

**ANSWER: C**

**13. ADGPI Stands For**

- A. Additional Directorate General of Public Info
- B. Additional Directorate Generate of Public Information
- C. Additional Directorate General of Public Information
- D. None of the above

**ANSWER: C**

**14. War Cry Of SIKH LIGHT INFANTRY Is**

- A. Garud ka hun bol pyare
- B. Everywhere
- C. Raja Ramachandra ki jai
- D. Jo bole So Nihal, sat sri akal

**ANSWER: D**

**15. Bridgetown Is The Capital Of**

- A. Belgium
- B. Bulgaria
- C. Brunei
- D. Barbados

**ANSWER: D**

**16. "Portraits of Power: Half a Century of Being at Ringside" Book Is Written By**

- A. Salman Khurshid
- B. Shantanu Gupta
- C. Chetan Bhagat
- D. N K Singh

**ANSWER: D**

**17. Air Marshal Rank of IAF Equivalent to Which rank of Indian Navy**

- A. Flying Officer
- B. Vice Admiral
- C. Admiral
- D. None

**ANSWER: B**



**18. Army Service Corps Centre Is In**

- A. Bengaluru
- B. Chennai
- C. Gaya
- D. None of the above

**ANSWER: A**

**19. Predator B (MQ-9 Reaper) Is A**

- A. Helicopter
- B. Machine Gun
- C. UAV
- D. Fighter Jet

**ANSWER: C**

**20. Heron TP Drone Is Made By**

- A. Brazil
- B. India
- C. Israel
- D. USA

**ANSWER: C**