

# Daily Defence Current Affairs

## 11 March 2025

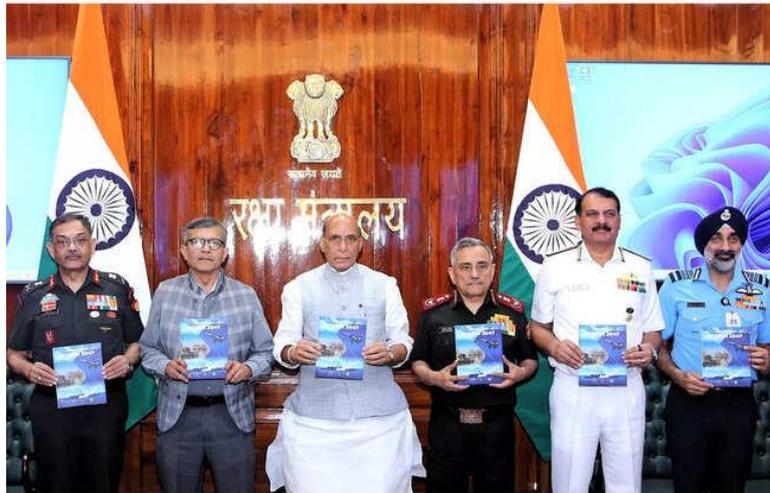
### **Trials of 'ADC-150' from P8I Aircraft**

- DRDO and the Indian Navy jointly conducted four successful in-flight release trials of the indigenous Air Droppable Container 'ADC-150' from the P8I aircraft off the coast of Goa between February 21 - March 1, at different extreme release conditions.
- As per the release, indigenously designed and developed to deliver a 150 kg payload, the Air Droppable Container enhances the naval operational logistics capabilities for providing quick response to naval vessels under distress, needing critical stores/equipment, medical assistance, etc., at sea, deployed far from the coast.
- The Naval Science and Technological Laboratory, Visakhapatnam, is the nodal laboratory for the activity. Aerial Delivery Research and Development Establishment, Agra, has developed the parachute system and Centre for Military Airworthiness and Certification, Bengaluru, provided the flight clearance and certification.
- Defence Research and Development Laboratory, Hyderabad, provided the instrumentation support for the trials.
- To meet the requirements of the Indian Navy, the ADC-150 system for the P8I aircraft was developed and qualified in a short timeframe.



## ‘Defence Forces Vision 2047’ Roadmap

- An ambitious vision document broadly outlining a series of strategic reforms, capability enhancements and organisational changes required to bolster the Indian military was unveiled by Defence Minister Rajnath Singh.
- The release of the document came eight months after the military conflict between India and Pakistan. Following the May 7 to 10 conflict, all three forces were asked to work on the lessons learnt from it.
- The **‘Defence Forces Vision 2047: A Roadmap for a Future-Ready Indian Military’** envisages the transformation of the military into an integrated, multi-domain and agile force capable of deterring adversaries and effectively responding to any conflict.
- According to an official release, the vision document details the strategic reforms, capability enhancements, and organisational changes necessary for the defence forces to effectively address evolving geostrategic, technological and security challenges.
- It aims to build a force capable of responding across the full conflict spectrum while protecting India’s expanding strategic interests amid rapidly changing global and regional dynamics.



## Tata Advanced Systems Taps Ramco To Power Digital Backbone

- Tata Advanced Systems Limited (TASL) has selected Ramco Systems' next-generation aviation software to power the digital backbone of its upcoming defence maintenance, repair and overhaul (MRO) facility that will service the Indian Air Force's Lockheed Martin C-130J Super Hercules aircraft.
- Ramco Systems said it will deploy its integrated aviation MRO platform across TASL's operations, covering functions such as contract and quote management, maintenance planning, hangar and component maintenance, supply chain management, engineering and quality, as well as customer billing.
- The software suite will also include Ramco's mobile applications, e-publications, digital task cards and resource planning and optimisation tools, allowing real-time access to operational data across the shopfloor and connected functions.
- The upcoming facility will specialise in maintenance of the Lockheed Martin C-130J Super Hercules fleet operated by the Indian Air Force and is part of TASL's push to build a technology-enabled MRO ecosystem.



## Pasighat Forest Fire

- The Indian Air Force (IAF) on Tuesday deployed a Mi-17 V5 helicopter to battle a major forest fire in the Mebo and Sigar areas of Pasighat, releasing 66,000 litres of water to contain the flames.
- "#IAF demonstrated rapid response & operational precision in Arunachal Pradesh, deploying a Mi-17 V5 helicopter to battle a major forest fire in the Mebo & Sigar areas of Pasighat. Over multiple sorties, the IAF released 66,000 litres of water to contain the blaze and protect nearby habitations," the post read.
- Earlier on February 18, the Indian Air Force (IAF) battled raging wildfires on two separate fronts in the Northeast, deploying heavy-lift helicopters in treacherous terrain and extreme flying conditions.
- At Walong in Arunachal Pradesh, IAF helicopters also successfully extinguished a major blaze after dropping an impressive 139,800 litres of water over the affected area.



## **New Wave of Iran Attacks as IEA Weighs Oil Reserve Release**

- Iran unleashed early Wednesday defiant new strikes around the region including drones targeting a Saudi oilfield, as the International Energy Agency reportedly proposed its largest-ever oil reserve release to calm markets and prices.
- The war sparked by US-Israeli strikes on Iran has spread across the region and caused spiking energy costs, forcing fuel rationing, price hikes and even school closures globally.
- G7 leaders will meet by video conference later Wednesday to discuss the war's economic consequences, particularly the "energy situation," the French presidency said, with the IEA also due to decide on a proposal for its largest-ever oil reserve release, the Wall Street Journal reported.
- The United States on Tuesday said it was hitting Iranian ships capable of mining the Strait of Hormuz, the crucial passageway for oil that has been effectively closed by Iranian threats.
- Israel also launched new waves of strikes both in Beirut and Tehran, where residents hunkered down after being smothered by black rain from Israeli bombing of fuel depots.



## REVIEW QUESTIONS

1. The indigenous Air Droppable Container (ADC-150) was tested from which aircraft?

- A. Sukhoi Su-30MKI
- B. P-8I Maritime Patrol Aircraft
- C. C-17 Globemaster

**ANSWER: B**

2. The ADC-150 system is designed to deliver a payload of approximately:

- A. 50 kg
- B. 100 kg
- C. 150 kg
- D. 300 kg

**ANSWER: C**

3. Which DRDO laboratory served as the nodal laboratory for the ADC-150 project?

- A. Defence Research and Development Laboratory (DRDL), Hyderabad
- B. Naval Science and Technological Laboratory (NSTL), Visakhapatnam
- C. Aerial Delivery Research and Development Establishment (ADRDE), Agra
- D. Armament Research and Development Establishment (ARDE), Pune

**ANSWER: B**

**4. The document “Defence Forces Vision 2047: A Roadmap for a Future-Ready Indian Military” was unveiled by:**

- A. Ajit Doval
- B. Narendra Modi
- C. Rajnath Singh
- D. Anil Chauhan

**ANSWER: C**

**5. The upcoming MRO facility supported by Tata Advanced Systems Limited will mainly service which aircraft of the Indian Air Force?**

- A. Rafale Fighter Jet
- B. MiG-29
- C. C-130J Super Hercules
- D. Jaguar

**ANSWER: C**

**6. Joint Exercises B/w The India And USA Is Called:**

- A. Yama
- B. SLINEX
- C. Indra
- D. Tiger Triumph

**ANSWER: D**

**7. Department of Defence Production Comes Under**

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

**ANSWER: C**

**8. Which Country Is Not The Member Of QUAD?**

- A. USA
- B. India
- C. Japan
- D. Russia

**ANSWER: D**

**9. Dhanush (howitzer) Manufactured By**

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

**ANSWER: D**

**10. Where Is The Hq Of The Eastern Command of The IAF?**

- A. Kochi
- B. Vishakhapatnam
- C. Shillong
- D. Mumbai

**ANSWER: C**

**11. PVSM Stands For**

- A. Param Vishisht Seva Medal
- B. Param Vishisht Sainik Medal
- C. Param Vishishttm Seva Medal
- D. None

**ANSWER: A**

**12. Canberra Is The Capital Of**

- A. Armenia
- B. Qatar
- C. UAE
- D. Australia

**ANSWER: D**

**13. "Broken Wing" Book Is Written By**

- A. Sarojini Naidu
- B. Jawaharlal Nehru
- C. Maithili Sharan Gupt
- D. APJ Abdul Kalam

**ANSWER: A**

**14. Israeli 'Non-Line of Sight (NLOS) Is A**

- A. Ballistic Missile
- B. ATGM
- C. Helicopter

D. Tank

**ANSWER: B**

**15. Chairman Of NITI Aayog Is**

A. Rajiv Kumar

B. Rakesh Asthana

C. R Hari Kumar

D. Narendra Modi

**ANSWER: D**

**16. Blaser R93 Tactical Is Rifle Of**

A. Oman

B. Qatar

C. Sri Lanka

D. Germany

**ANSWER: D**

**17. Leclerc Is A**

A. Tank

B. Missile

C. Gun

D. Rocket

**ANSWER: A**

**18. Sena Medal Award Is Given To The Soldiers Of**

A. Indian Army

B. IAF

C. Indian Navy

D. ICG

**ANSWER: A**

**19. 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**

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

- A. Flying Officer
- B. Flight Lieutenant
- C. Group Captain
- D. None

**ANSWER: C**