

Daily Defence Current Affairs

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‘Shaurya Vedanam Utsava’

- A vibrant display of military might of the Armed Forces, Shaurya Vedanam Utsav, is being showcased for the first time in Motihari, Bihar on March 07, 2025.
- The two-day event unfolded with great enthusiasm as it displayed military equipment, martial arts, mass performance by military bands, combat demonstration by special forces, motorcycle, dog show and more.
- The occasion was further enriched by the participation of students from various schools & colleges, NCC cadets and citizens from Bihar. As part of the occasion, the Governor paid tributes to gallant soldiers who laid down their lives to defend the nation.
- The audience was treated to an exhibition featuring notable exhibits like the T-90 tank, the Indian Army’s MBT, indigenous K-9 Vajra self-propelled artillery gun, BMP vehicles and domestically produced Weapon Locating Radar (WLR) Swathi.



MoD signs \$ 248 million Deal for T-72 Tanks

- The Ministry of Defence has signed a contract with **Rosoboronexport (RoE)**, Russian Federation worth \$ 248 million for procurement of **1000 HP Engines** for **T-72 Tanks** in fully formed, completely knocked down and semi knocked down conditions.
- The deal also includes Transfer of Technology (ToT) from M/s RoE to M/s **Armoured Vehicles Nigam Limited** (Heavy Vehicle Factory), Avadi, Chennai, for integration and subsequent licensed production of engines under ToT to boost the 'Make in India' initiative in Defence Sector.
- T-72 is the mainstay of tank fleet of the Indian Army which is at present fitted with 780 HP Engine. Equipping the existing fleet of T-72 Tanks with 1000 HP Engine will enhance the battlefield mobility and offensive capability of Indian Army.

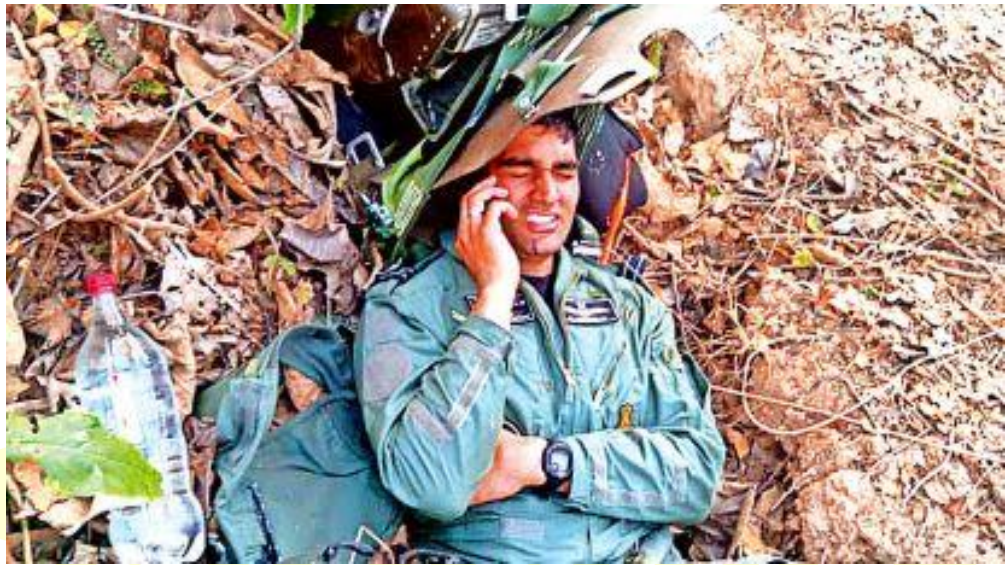


Jaguar Aircraft Crash in Ambala

- The IAF has ordered a Court of Inquiry to determine the cause of the accident.
- The IAF Jaguar fighter aircraft crashed near Ambala in Haryana on Friday, with the pilot ejecting safely, officials said.
- IAF officials from Ambala airbase, Haryana Police, and other Army officials reached the site of a Jaguar aircraft crash in Haryana's Ambala on Friday to

inspect the wreckage. An IAF official stated that the pilot had "manoeuvred the aircraft away from any habitation" before ejecting safely.

- Manufacturers: SEPECAT, Dassault Aviation, HAL, British Aircraft Corporation, Breguet Aviation
- Top speed: 1,700 km/h
- Engine types: Turbofan, Rolls-Royce Turbomeca Adour
- Range: 3,524 km



AN-32 aircraft Crash

- An Indian Air Force transport aircraft crash landed in West Bengal's Bagdogra on Friday, officials told PTI. The crew of the AN-32 aircraft are safe, they said.
- The IAF added that the aircraft is being recovered from the site and confirmed that its crew is safe.

- Wingspan: 29 m
- Engine type: Turboprop
- Top speed: 540 km/h
- Weight: 16,800 kg
- Range: 2,500 km
- Cruise speed: 470 km/h



Hypersonic 'Brahmastra' Missile

- Ancient texts like the Ramayana and Mahabharata contain fantastical elements such as the Brahmastra and inter-world travel, which were once considered purely mythical.
- However, modern science has made significant strides in areas that might seem to parallel these concepts. For instance, advancements in transportation and communication have made rapid travel and global connectivity possible, though not exactly as described in myths.
- The LRAShM is a hypersonic glide missile developed by India's DRDO. It was successfully tested on November 16, 2024, achieving a speed of **Mach 10**, or approximately **12,144 km/h**.
- The LRAShM operates at Mach 10, significantly faster than initial estimates of Mach 6-7. It has a demonstrated range of over 1,500 km.
- The LRAShM's Mach 10 speed is comparable to **China's DF-17 missile**, which reaches speeds of Mach 10-12.



Garuda Aerospace Invests In Defence Drone Start-Up Zuppa

- Garuda Aerospace, India's most valuable drone start-up, has made a strategic investment in Zuppa, an indigenous deep-tech start-up specialising in cyber-secure drones and advanced autopilot systems.
- This investment marks a significant milestone in bolstering the "Make in India" drone ecosystem, aligning with the government's vision of fostering cutting-edge indigenous defence technologies.
- Zuppa is noted for being one of only seven companies worldwide with proprietary deep-tech in secure autopilot systems, crucial for unmanned aerial systems (UAS).
- Garuda Aerospace has infused ₹1 Crore into Zuppa and placed orders worth another ₹1 Crore for the company's drones.



REVIEW QUESTIONS

1. What is the horsepower of the upgraded engine for the Indian Army's T-72 tanks as per the new contract with Russia's Rosoboronexport?

- A. 780 HP
- B. 900 HP
- C. 1000 HP
- D. 1200 HP

ANSWER: C

2. Which Indian facility will integrate and produce the T-72 tank engines under the ToT agreement?

- A. Bharat Dynamics Limited (BDL)
- B. Armoured Vehicles Nigam Limited (Heavy Vehicle Factory), Avadi
- C. Hindustan Aeronautics Limited (HAL)
- D. Mazagon Dock Shipbuilders Limited (MDL)

ANSWER: B

3. Which Indian drone start-up has made a strategic investment in Zuppa for cyber-secure drones and autopilot systems?

- A. Idea Forge
- B. Garuda Aerospace
- C. Paras Aerospace
- D. Skylark Drones

ANSWER: B

4. What speed did the LRAShM hypersonic glide missile achieve during its successful test on November 16, 2024?

- A. Mach 5
- B. Mach 10
- C. Mach 12
- D. Mach 15

ANSWER: B

5. Which ancient Indian epics mention concepts like Brahmastra and inter-world travel?

- A. Arthashastra and Rigveda
- B. Ramayana and Mahabharata
- C. Upanishads and Bhagavad Gita

D. Puranas and Manusmriti

ANSWER: B

6. Crystal Maze 2 Missile Is A

A. Air to surface

B. Surface to Air

C. Sea to Sea

D. None

ANSWER: A

7. What is the range of the Pinaka Multi-Barrel Rocket Launcher (MBRL) system?

A. 50 kilometers

B. 100 kilometers

C. 75 kilometers

D. 150 kilometers

ANSWER: C

8. ICGS Saksham Is A

A, Destroyer

B. Aircraft Carrier

C. OPV

D. Refueling Ship

ANSWER: C

9. "Nuclearization of Asia" Book Written By

A. Rene Naba

B. VR Chaudhari

C. Gen Parvez Musharraf

D. APJ Abdul Kalam

ANSWER: A

10. Indian Coast Guard Formed On

A. August 18, 1978

B. September 18, 1978

C. March 18, 1976

D. April 18, 1976

ANSWER: A

11. 'MBT Bhishma' Is The Name Of :

- A. Fighter aircraft
- B. Tank
- C. Armoured vehicles
- D. Infantry regiments

ANSWER: B

12. Barak Is A

- A. Surface-to-air Missile
- B. Surface-to-Surface Missile
- C. Air-to-air Missile
- D. Surface-to-Sea Missile

ANSWER: A

13. "Ordnance Factory Day" in India Is Observed On

- A. 14 March
- B. 15 March
- C. 16 March
- D. 18 March

ANSWER: D

14. INS Valsura Located At

- A. Jamnagar, Gujrat
- B. Mumbai, M.H
- C. Kochi, Kerala
- D. A & NC

ANSWER: A

15. Exercise Maitree Conducted B/w India &

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

ANSWER: A

16. Infantry School Of Indian Army Is At

- A. Mhow

- B. Bhopal
- C. Gwalior
- D. Jammu

ANSWER: A

17. Officers Training Academy Is At

- A. Chennai
- B. Bhopal
- C. Gaya
- D. Both A & C

ANSWER: D

18. Northern Army Command headquarters Is in

- A. Jaipur
- B. Udhampur
- C. Pune
- D. Lucknow

ANSWER: B

19. DF-41 ICBM Is A Missile Of

- A. India
- B. Russia
- C. China
- D. North Korea

ANSWER: C

20. The IAI Heron UAV Developed By

- A. USA
- B. South Korea
- C. Israel
- D. China

ANSWER: C