

# Daily Defence Current Affairs

## 24 April 2024

### DRDO Develops Lightest Bullet Proof Jacket

- DRDO's Defence Materials and Stores Research and Development Establishment, Kanpur has successfully developed the lightest Bullet Proof Jacket in the country for protection against **7.62 x 54 R API (Level 6 of BIS 17051) ammunition**.
- Recently, this bullet proof jacket was successfully tested at TBRL, Chandigarh as per BIS 17051-2018. This jacket is based upon new design approach, where novel material along with new processes have been used.
- The front Hard Armour Panel (HAP) of this jacket defeats multiple hits (06 shots) of 7.62 x 54 R API (Sniper rounds) in both ICW (In-conjunction with) and Standalone design. The ergonomically designed front HAP is made up of monolithic ceramic plate with polymer backing which enhances the wearability and comfort during the operation.



## Indian Army Conducts A Seminar Cum Exhibition

- A seminar cum exhibition was conducted today by the Indian Army on the theme “**Year of Technology Absorption - Empowering the Soldier**”. The event was conducted by the Centre for Land Warfare Studies (CLAWS), on behalf of the Indian Army in Manekshaw Centre.
- The seminar brought together technology experts and industry professionals to deliberate on the adoption of modern technologies like Artificial Intelligence and advanced hardware in the military domain.



## Successful Test Of New Version Of Medium-range Ballistic Missile

- A successful launch of the new variant of a Medium-Range Ballistic Missile was carried out under the aegis of the Strategic Forces Command on April 23, 2024. The user launch has proven the operational capability of the Command and validated new technologies.
- The Strategic Forces Command, sometimes called Strategic Nuclear Command, forms part of India's Nuclear Command Authority. It is responsible for the management and administration of the country's tactical and strategic nuclear weapons stockpile. It was created on 4 January 2003 by the Vajpayee Government.
- It is the responsibility of the Strategic Forces Command to operationalize the directives of the NCA under the leadership of a Commander-in-Chief who is a three-star rank officer. It will have the sole responsibility of initiating the process

of delivering nuclear weapons and warheads, after acquiring explicit approval from the NCA. The exact selection of the target area shall be decided by the SFC through a calibrated, cumulative process involving various levels of decision-making, and with formal approval by the NCA.



## India Successfully Tests New 250 Km Strike Range Air-launched Ballistic Missile

- The IAF has successfully carried out a test firing of a new version of an air-launched medium-range ballistic missile that is capable of hitting targets at a distance exceeding 250 km.
- The missile, also referred to as ROCKS or Crystal Maze 2, originated from Israel and underwent a test launch from a Su-30 MKI fighter jet in the Andaman and Nicobar Islands last week.
- CM-2 represents a new generation extended stand-off range air-to-surface missile, designed to strike high-value stationary and relocatable targets in GPS-denied environments, like the one India faced during the Kargil War.



## US Quietly Shipped Long-range ATACMS Missiles To Ukraine

- The United States in recent weeks secretly shipped long-range missiles to Ukraine for use in its battle to fight off Russian invaders, and Ukraine has now used them twice, a US official said on Wednesday.
- The missiles were contained in a \$300 million military aid package for Ukraine that US President Joe Biden approved on March 12, said the US official, speaking on condition of anonymity. The official would not say how many of the missiles were sent.
- The US has announced a new USD 1 billion package for Ukraine shortly after President Joe Biden on Wednesday signed a national security supplemental into law, aiming to deliver critical artillery rounds and air defence munitions to Kyiv as "they defend their country and their freedom against Russia's aggression".



## REVIEW QUESTIONS

**1. Which organization conducted a seminar the theme "Year of Technology Absorption - Empowering the Soldier"?**

- A. Indian Navy
- B. Centre for Land Warfare Studies (CLAWS)
- C. Indian Air Force
- D. Defence Research and Development Organisation (DRDO)

**ANSWER: C**

**2. Which DRDO establishment successfully developed the lightest Bullet Proof Jacket in the country?**

- A. Defence Research and Development Establishment
- B. Defence Bioengineering and Electromedical Laboratory
- C. Defence Materials and Stores Research and Development Establishment
- D. Defence Avionics Research Establishment

**ANSWER: C**

**3. What achievement did the IAF announce regarding a new version of an air-launched MRBM?**

- A. Successful deployment in combat zones
- B. Increased payload capacity
- C. Capability to hit targets beyond 250 km
- D. Development of stealth technology

**ANSWER: C**

**4. When was the Shanghai Cooperation Organization (SCO) founded?**

- A. 2001
- B. 2017
- C. 2023
- D. 2007

**ANSWER: A**

**5. When did Iran become a new permanent member of the SCO?**

- A. 2017
- B. 2001
- C. 2023
- D. 2007

**ANSWER: C**

**6. MALABAR Exercise Was Initiated In Which Year**

- A. 1991
- B. 1992
- C. 1993
- D. 1994

**ANSWER: B**

**7. Sashastra Seema Bal (SSB) Comes Under**

- A. MOD
- B. MHA
- C. MEA
- D. None of the above

**ANSWER: B**

**8. Hambantota Port Is In**

- A. Indonesia
- B. Sri Lanka
- C. India
- D. China

**ANSWER: B**



**9. The Indian Government Plans To Construct A 2,500-metre-long Airstrip On Minicoy Island In**

- A. Goa
- B. Mumbai
- C. Lakshadweep
- D. Kochi

**ANSWER: C**

**10. Pakyong Airport is located in -**

- A. Sikkim
- B. Assam
- C. Arunachal Pradesh
- D. Nagaland

**ANSWER: A**

**11. Which port is also known as the New Mangalore Port?**

- A. Mormugao Port
- B. Panambur Port
- C. Kandla Port
- D. Tuticorin Port

**ANSWER: B**

**12. Port Blair Is Located On Which Island?**

- A.** The Little Andaman
- B.** The Great Nicobar
- C.** The South Andaman
- D.** The North Andaman

**ANSWER: C**

**13. Author Of The Book 'Kerala: God's Own Country'**

- A. Shashi Tharoor
- B. Jeet Thayil
- C. Sudha Murthy
- D. Thakazhi Sivasankara Pillai

**ANSWER: A**

**14. AUSINDEX Ex Conducts B/W**

- A. India & Indonesia

- B. India & Australia
- C. India & Sri Lanka
- D. India & Thailand

**ANSWER: B**

**15. "Poverty and Un-British Rule in India" Is Written By**

- A. Mahadevi Verma
- B. Premchand
- C. Dadabhai Naoroji
- D. Ratan Tata

**ANSWER: C**

**16. Havana Is The Capital Of**

- A. Cuba
- B. Qatar
- C. UAE
- D. Cyprus

**ANSWER: A**

**17. Who Was The Prime Minister Of India During Indo-PAK War In 1965?**

- A. Jawaharlal Nehru
- B. Indira Gandhi
- C. Lal Bahadur Shastri
- D. Rajiv Gandhi

**ANSWER: C**

**18. Who Was The PM Of India During The Indo-Pak War In 1999?**

- A. Atal Bihari Vajpayee
- B. Indira Gandhi
- C. Lal Bahadur Shastri
- D. Rajiv Gandhi

**ANSWER: A**

**19. Ex 'Jal Prahar' Conducted In**

- A. Pune



- B. Vishakhapatnam
- C. Mumbai
- D. Kakinada

**ANSWER: D**

**20. Current DG of The ICG Is**

- A. VS Pathania
- B. Rakesh Pal
- C. R Hari Kumar
- D. None

**ANSWER: B**

