

# Daily Defence Current Affairs

## 28 June 2024

### Adani Defence and Thales Group to manufacture 70mm rockets in India

- **Adani Defence & Aerospace** has signed an agreement with **Thales Group** to manufacture 70mm rockets locally. This strategic collaboration aligns with the Indian government's "Make in India" initiative, aiming to enhance self-reliance in defence production.
- The 70mm rockets produced under this partnership will be used by the HAL Rudra and Prachand helicopters, critical assets in India's military operations.
- Adani Defence has partnered with Thales, Belgium to establish the manufacturing, assembly and testing in India under Buy Indian category of Defence Acquisition Procedure (DAP) 2020. An exclusive partnership for India, it will also provide avenues for exports based on the competitiveness of the supply chain in India, sources said.
- India operates the HAL Rudra - attack variant of the **Dhruv chopper**, **Light Combat Helicopter Prachand**, the **Apache AH-64** and the **Mi-35** choppers in its **attack fleet**.



## Indian Army Constructs 70-foot Bailey Bridge In Flood-hit Sikkim

- Army engineers of Trishakti Corps constructed a 70 feet Bailey Bridge on Gangtok's Dikchu- Sanklang road within 72 hours to restore connectivity to areas cut off due to recent floods in Sikkim.
- Earlier on June 23, Indian Army engineers from Trishakti Corps constructed a 150-foot suspension bridge in North Sikkim to re-connect the border villages that got cut off due to continued heavy rains, giving respite to the locals living in those locations, the army said.
- This bridge is a crucial link for enabling vehicular traffic from Dikchu to Sanklang towards Chungthang. It will facilitate the provision of basic necessities, including critical medical aid, to the affected people of Mangan district.
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- "Mr Pintso Namgyal Lepcha, State Forest Minister and state secretary of Disaster Management visited the site on June 27 and appreciated the efforts of the Indian Army in completing the bridge at a fast pace," the PRO Defence stated.



## ABHYAS' Successfully Completes Development Trials

- (DRDO) has successfully completed six consecutive development trials of High Speed Expendable Aerial Target (HEAT) 'ABHYAS' with improved booster configuration from the Integrated Test Range (ITR), Chandipur, Odisha, the Defence Ministry said.
- With this, ABHYAS has successfully completed 10 development trials demonstrating the reliability of the system, a statement added.
- The trials were carried out with improved Radar Cross Section, Visual and Infrared augmentation systems. During the trials, various mission objectives covering safe release of booster, launcher clearance, and endurance performance were successfully validated, it said.



## India, Russia Hold Sub-working Group Meeting

- The third India-Russia Inter-Governmental Commission (IRIGC) Sub-Working Group meeting was held in the national capital to further enhance defence cooperation and joint exercises between the two nations.
- The meeting focused on defence cooperation, military training, military education and joint exercises between the two Armies.
- Meanwhile, India and Russia are making arrangements for an upcoming visit by Prime Minister Narendra Modi to Russia, Reuters reported, citing, Russian state news agency RIA.
- According to RIA, a diplomatic source indicated that PM Modi's visit may take place in July.

- The Kremlin had previously announced in March that Modi had an outstanding invitation to visit Russia, confirming that a meeting between PM Modi and President Vladimir Putin is scheduled to take place, Reuters reported.
- If the visit takes place, it will be PM Modi's maiden trip to Russia since 2019, and also the first since the start of the Russian invasion of Ukraine in February 2022.
- PM Modi last met Putin on the sidelines of the Shanghai Cooperation Organisation (SCO) Summit at Samarkand in Uzbekistan on September 16, 2022, when he called him to follow the path of dialogue and diplomacy to resolve the Ukraine conflict.
- In spite of growing strategic and security ties with the US and other key Western players, India has refrained from publicly criticising Russia's invasion of Ukraine. India even ramped up the purchase of Russian crude despite initial pressure from the US, saying such a move is required to control domestic oil prices.



## Genome Sequencing Lab With Cutting-edge Next Generation Sequencing Facilities

- DG of AFMS inaugurated the **new Genome Sequencing Lab at the Armed Forces Medical College (AFMC) in Pune** on June 27, 2024. The new lab is equipped with cutting-edge Next Generation Sequencing (NGS) facilities, featuring advanced “Nextseq 2000” and “Miniseq” analyzers.
- The NGS technology has extensive applications across various healthcare domains, including inherited diseases, oncology, transplant medicine, and reproductive medicine.



- This advanced technology significantly enhances the capabilities of the AFMS by enabling precise diagnosis of rare genetic disorders, molecular prognostication of malignancies, and facilitating organ transplantation.



## REVIEW QUESTIONS

**1. What new facility was inaugurated by the DG of AFMS at the AFMC in Pune?**

- A. Advanced Surgical Center
- B. Genome Sequencing Lab
- C. Nanotechnology Research Center
- D. Biotechnology Laboratory

**ANSWER: B**

**2. How many consecutive development trials of the 'HEAT' 'ABHYAS' were successfully completed by DRDO?**

- A. Four
- B. Five
- C. Six
- D. Seven

**ANSWER: C**

**3. Which company has Adani Defence & Aerospace signed an agreement with to manufacture 70mm rockets locally?**

- A. Lockheed Martin
- B. Boeing
- C. Raytheon
- D. Thales Group

**ANSWER: D**

**4. From Where ABHYAS Was Tested Recently**

- A. Odisha
- B. T.N
- C. M.H
- D. Kerala

**ANSWER: A**

**5. When Has The Indian Navy Declared The 'Year of Naval Civilians'?**

- A. 2025
- B. 2023
- C. 2022
- D. 2024

**ANSWER: D**

**6. What Is SARVATRA In The Context Of The Indian Army's Defence Capabilities?**

- A. Special Operations Force
- B. Tactical Reconnaissance System
- C. Rapid Deployment Platform
- D. Mobile Bridging System

**ANSWER: D**

**7. C295 Aircraft Manufactured By**

- A. Boeing
- B. Airbus
- C. HAL
- D. None

**ANSWER: B**

**8. Indian Space Science Data Centre Is Located At**

- A. Chennai
- B. Bengaluru
- C. New Delhi
- D. Kochi

**ANSWER: B**

**9. \_\_ Becomes Indian Army's First Woman Sky Diver**

- A. Roop Rai
- B. Lance Naik Manju
- C. Corporal Manju
- D. None

**ANSWER: B**

**10. \_\_ Plans To Establish The National Government Cloud To Store Sensitive Data.**

- A. MOD
- B. MEA
- C. Ministry of Electronics and Information Technology
- D. None of the above

**ANSWER: C**

**11. The Hawker Siddeley HS 748 Is A**

- A. Helicopter

- B. Machine Gun
- C. UAV
- D. Transport Aircraft

**ANSWER: D**

**12. 'Swift and Sure' Is The Motto Of**

- A. Army Aviation Corps
- B. Sikh Regiment
- C. Rajput Regiment
- D. Gorkha

**ANSWER: A**

**13. Which Regiment Has Motto: "Veer Bhogya Vasundhara"?**

- A. RAJPUTANA RIFLES
- B. RAJPUT REGIMENT
- C. DOGRA REGIMENT
- D. SIKH REGIMENT

**ANSWER: A**

**14. ICMF Stands For**

- A. Integrated Cryogenic Engine Manufacturing Facility
- B. Integrated Cry Engine Manufacturing Facility
- C. Integrated Cryogenic Engine Make Facility
- D. None of the above

**ANSWER: A**

**15. "Bolo Shri Chhatrapati Shivaji Maharaj ki jai" Is The War Cry Of**

- A. Maratha Light Infantry Regiment
- B. Grenadiers
- C. Punjab Regiment
- D. Parachute Regiment

**ANSWER: A**

**16. Rabat Is The Capital Of**

- A. Morocco
- B. Montenegro
- C. Monaco



D. Maldives

**ANSWER: A**

**17. "Without Fear or Favour" Book Written By**

A. R K Narayan

B. Khushwant Singh

C. Neelam Sanjiva Reddy

D. APJ Abdul Kalam

**ANSWER: C**

**18. Exercises B/w The India And Bangladesh Is Called:**

A. GARUDA SHAKTI

B. SLINEX

C. SAMPRITI

D. Yudha Abhyas

**ANSWER: C**

**19. \_\_\_ Is The Legal Branch Of The Indian Army.**

A. Army Court

B. Supreme Court

C. Judge Advocate General's (JAG) Department

D. None of the above

**ANSWER: C**

**20. Exercises B/w India And Kyrgyzstan Is Called:**

A. KHANJAR

B. SLINEX

C. NOMADIC ELEPHANT

D. Yudha Abhyas

**ANSWER: A**