

# Defence Current Affairs

## 20 October 2023

### India Plans To Equip Russian-origin Su-30MKIs

- Working on upgrading its fleet of its Russian-origin Su-30 MKI combat aircraft, the Indian Air Force is planning to equip them with an indigenous advanced radar named '**Virupaaksha**'.
- The Indian Air Force is working on the upgrade programme of the Su-30MKI fleet under a package worth over Rs 65,000 crore where 84 planes would be upgraded indigenously with advanced made in India radars and weapon systems.
- Virupaaksha is one of the names of god Mahadev worshipped by Hindus living across the world.
- The Indian Air Force has already decided to replace the Israeli radar on the LCA Tejas Mark 1A fighter jet with the indigenous Uttam Actors Electronically Scanned Array radar along with the Angad electronic warfare suite.
- The Su-30 fighter jets are the mainstay of Indian Air Force with 260 of them already in service. The jets have been inducted in different batches and have now form around 50 per cent of the fighter fleet.



## China's Nuclear Arsenal At More Than 500 Warheads - Pentagon Report

- China has more than 500 operational nuclear warheads in its arsenal and will probably have over 1,000 warheads by 2030, the Pentagon said in its annual report on Beijing's military that was released on Thursday.
- The United States has a stockpile of about 3,700 nuclear warheads, of which roughly 1,419 strategic nuclear warheads were deployed. Russia has about 1,550 nuclear weapons deployed and according to the Federation of American Scientists, a stockpile of 4,489 nuclear warheads.
- In the wide ranging report, the Pentagon said China's more than 500 warheads as of May 2023 were on track to exceed projections.
- In a previous report, the Pentagon estimated that Beijing had more than 400 operational nuclear warheads in 2021.



SS



ck  
XAMS

## CDS Attends Tri-service Tabletop Exercise PRAYOG

- Chief of Defence Staff Gen Anil Chauhan on Thursday attended a tri-service Tabletop Exercise 'PRAYOG' in Eastern Air Command, officials said. The headquarters of the Integrated Defence Staff (HQ IDS) shared pictures from his visit in a post on X.
- "A #TriService #TableTop Exercise Prayog-23 is presently underway at IAF's Eastern Air Command to deliberate on various operational options & enhance synergy between the Services. The Exercise will see senior officers from all three

Services in attendance over the next two days," the EAC of the IAF posted on X earlier in the day.



## DELIVERY OF SECOND MCA BARGE, LSAM 8

- Contract for construction and delivery of 08 x Missile Cum Ammunition (MCA) Barge was concluded with M/s SECON Engineering Projects Pvt Ltd, Visakhapatnam, a MSME, in consonance with “Aatmanirbhar Bharat” initiatives of the Government of India.
- Second Barge of the series LSAM 8 (Yard 76) has been delivered to Indian Navy on 19 Oct 23 in presence of Shri Puneet, INAS, Chief General Manager, NAD(Mbi).
- The Barge has been built under the classification rules of Indian Register of Shipping (IRS) with a service life of 30 years. With all major and auxiliary equipment/ systems sourced from indigenous manufacturers, the Barge is proud flag bearer of “Make in India” initiatives of Ministry of Defence.



## White House hosts Quad Investor Network for inaugural Quad Investment and Tech Dialogue

- The Quad Investor Network (QUIN), launched to foster co-investment in critical and emerging technologies across the Quad countries was held in the US, said a press statement from the White House.
- Director of the National Economic Council Lael Brainard, Secretary of Commerce Gina Raimondo, and other senior administration officials addressed the group of over 40 business executives from Quad countries and discussed strategies to help make private capital available for increased, high-standard, cross-border investment between Australia, India, Japan, and the United States.
- The Quad has invited Internet users across the Indo-Pacific and beyond to become part of the challenge and practice "safe and responsible cyber habits," the National Security Council Secretariat said in the press release.
- The 'Quad Cyber Challenge' shows the continuous efforts of Quad nations to bolster cyber security awareness and action and to foster a more secure and resilient cyber ecosystem to benefit economies and users.
- In an official release, the National Security Council Secretariat said, "The Internet-users are being invited across the Indo-Pacific and beyond to join the Challenge and pledge to practice safe and responsible cyber habits."

### Review Questions

**1. INS Hansa, Indian Navy's Premier Air Station, Celebrated Its 61<sup>st</sup> Anniversary On**

- A. 5 September
- B. 6 September
- C. 7 September
- D. 8 September

**ANSWER: A**

**2. AESA Stands For**

- A. Activated Electronically Scanned Array
- B. Active Electronically Scanned Array

- C. Active Electronics Scanned Array
- D. None

**ANSWER: B**

**3. The Uttam AESA, Developed By**

- A. DRDO
- B. HAL
- C. BEL
- D. NASA

**ANSWER: A**

**4. "Ex SAMPRITI-X" Conducted At**

- A. Bangladesh
- B. Bharat
- C. Both A&B
- D. None

**ANSWER: A**

**5. Current PM Of Nepal Is**

- A. Sher Bahadur Deuba
- B. Bidhya Devi Bhandari
- C. Pushpa Kamal Dahl Prachanda
- D. Nisha Kusum Bhandari

**ANSWER: A**

**6. GPMG Stands For**

- A. General Purple Machine Gun
- B. General Purpose Machine Gun
- C. General Purpose Machine Gum
- D. None

**ANSWER: B**

**7. 'Ex Zapad' Conducted B/W India &**

- A. Qatar
- B. Russia
- C. UAE
- D. Maldives

**ANSWER: B**

**8. Hq Of Department of Space Is In**

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

**ANSWER: B**

**9. "An Odyssey in War and Peace" Book Is Written By**

- A. Shashi Tharoor
- B. SHF Manekshaw
- C. Hew Strachan
- D. Lt Gen J.F.R. Jacob

**ANSWER: D**

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

- A. Kochi
- B. Vishakhapatnam
- C. Pune
- D. Kolkata

**ANSWER: D**

**11. Ex PRABAL DOSTYK Conducted B/W India And**

- A. France
- B. China
- C. Kazakhstan
- D. Kyrgyzstan

**ANSWER: C**

**12. Group Captain Rank Of IAF Is Equivalent to Which Rank of Indian Navy?**

- A. Colonel
- B. Captain
- C. Commander
- D. Major

**ANSWER: B**

**13. SLNS Sayurala Is A Ship Of**

- A. Oman

- B. Qatar
- C. Sri Lanka
- D. Maldives

**ANSWER: C**

**14. Male Is The Capital Of**

- A. Oman
- B. Qatar
- C. UAE
- D. Maldives

**ANSWER: D**

**15. "The Bubble" Book Is Written By**

- A. Ismat Chughtai
- B. Mulk Raj Anand
- C. Khushwant Singh
- D. Anne Frank

**ANSWER: B**

**16. Exercises B/w The India And UK Is Called:**

- A. Desert Eagle
- B. SLINEX
- C. Indra
- D. Indradhanush

**ANSWER: D**

**17. Rajputana Rifles Hq Is In**

- A. Mumbai
- B. Kochi
- C. Chennai
- D. Delhi

**ANSWER: D**

**18. "Jat balwan, jai bhagwan" Is The Motto Of**

- A. JKRIF
- B. RR
- C. CORPS OF ENGINEERS
- D. JAT REGIMENT

**ANSWER: D**

**19. Joint Exercises B/w The India And Maldives Is Called:**

- A. Ekatha
- B. SLINEX
- C. Indra
- D. Yudha Abhyas

**ANSWER: a**

**20. The Hawker Siddeley HS 748 is a**

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

**ANSWER: D**

