

Daily Defence Current Affairs

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Iran Deploys Chamran-1 Satellite

- Iran launched its Chamran-1 research satellite into orbit on Saturday using the Qaem-100 rocket, developed by the paramilitary Revolutionary Guard, according to state-run media reports. This event is significant in Iran's aerospace program as Western nations have often scrutinized it over concerns of ballistic missile development.
- The Chamran-1 satellite, which weighs 60 kilograms, was placed into a 550-kilometer orbit. Iranian media reported that the satellite is meant to test "hardware and software systems for orbital maneuver technology." Land stations confirmed initial signals from the satellite shortly after launch, validating its successful deployment.
- The Qaem-100 rocket, a solid-fuel, three-stage vehicle, was previously used for another satellite launch in January. The launch site was near Shahroud, around 350 kilometers east of Tehran, as reported by AP. The rocket bore a Quranic verse: "That which is left by Allah is better for you, if you are believers."



Vinetra Commissioned In Visakhapatnam

- The **Kalvari Submarine Escape Training Facility (Vinetra)** was commissioned on 13 Sep 24 by Vice Admiral Rajesh Pendharkar, the Flag Officer Commanding-in-Chief, Eastern Naval Command, at INS Satavahana, Visakhapatnam.
- The facility, aims to enhance the escape capabilities of crew from a distressed Kalvari-class submarine, and has been indigenously designed and developed, keeping in line with the 'Aatmanirbhar Bharat' initiative, highlighting India's focus on self-reliance in defence capabilities.
- Constructed by **M/s L&T Defence** as a turnkey project, the Kalvari Submarine Escape Training Facility is equipped with a five-meter escape tower integrated with an adjacent diving basin.
- The facility "**Vinetra**" (**विनेत्र**), meaning "**Trainer**" represents a significant step forward in building confidence among submariners, ensuring that they are equipped with the skills and training necessary to escape in case of any underwater emergency.

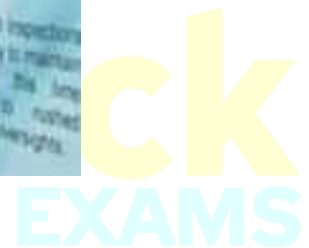


IAF Pilot Sqn Ldr SS Bhatkare Develops AI-driven Aircraft Inspection System

- Indian Air Force MCC's SU-30 MKI pilot Squadron Leader Bhatkare has developed an AI-driven aircraft inspection system. The newly developed facility

will help in reducing the accidents that earlier used to happen due to human errors.

- An inspection of aircraft needs to be done to try to find out if there is any damage. Sometimes the pilot is tired, or because of human error, it can happen that they miss out on certain things. A camera system will be developed that can scan the entire service of aircraft. This will be able to reduce the accidents that happen because of human errors," he said in the video posted by the MoD.



Operation Sadbhav

- External Affairs Minister S Jaishankar on Sunday said that as a part of **Operation Sadbhav**, the government has dispatched **humanitarian aid to Myanmar, Vietnam and Laos**.
- The IAF on Sunday deployed its C-17 Globemaster aircraft to provide Humanitarian Assistance and Disaster Relief (HADR) operations in Vietnam (Hanoi) following the severe flooding caused by **Typhoon Yagi**.
- **Typhoon Yagi**, recognised as **Asia's most powerful storm of the year**, has caused destruction across southern **China and Southeast Asia** over the past week, causing multiple deaths.



Western Command Celebrates 78th Raising Day

- Western Command of the Indian Army celebrated its **78th Raising Day on September 15.**
- Western Command has stopped all aggressions into Indian Territory and ensured decisive victories for India. It is for this reason that it is known as **'The Guardian of the Heartland of India'** and carries its motto of **'Ever Westwards' with pride.**
- In the course of its journey, full of valour and ultimate sacrifices, the braves of the Command have earned **11 Param Vir Chakras, 01 Ashok Chakra and 143 Maha Vir Chakras.**
- The Command got renamed as Western Command on **20 January 1948** and was directly responsible for controlling the operations in Jammu & Kashmir. Before raising of Northern Command, Western Command Besides Western borders was responsible for the entire Northern Borders of Jammu & Kashmir and Himachal Pradesh.



Top Naval Brass To Hold Security Review Meet

- Amid growing instabilities in the region, top commanders of the Indian Navy would review the security scenario in and around the country from Tuesday.
- The meeting of the Indian Navy top brass comes soon after Defence Minister Rajnath Singh's call to the defence forces to be ready for the unexpected at the recently held **Joint Commanders' Conference in Lucknow**.
- The emerging security situation in the region due to the **regime change in Bangladesh** and the growing hold of extremist radical groups there may come up for discussion at the meeting.
- The **growing Chinese activities and support to Pakistan** in terms of military hardware has also been a key concern for security brass.



REVIEW QUESTIONS

1. **Who developed the AI-driven aircraft inspection system for the Indian Air Force?**
 - A. Group Captain Rakesh Sharma
 - B. Wing Commander Abhinav Choudhary
 - C. Squadron Leader Bhatkare
 - D. Flight Lieutenant P. Kumar

ANSWER: C

2. Where was the Kalvari Submarine Escape Training Facility (Vinetra) commissioned?

- A. INS Satavahana, Visakhapatnam
- B. INS Shivaji, Lonavala
- C. INS Vikramaditya, Karwar
- D. INS Kalinga, Visakhapatnam

ANSWER: A

3. Under which operation did India dispatch humanitarian aid to Myanmar, Vietnam, and Laos?

- A. Operation Surya
- B. Operation Sadbhav
- C. Operation Shakti
- D. Operation Maitri

ANSWER: B

4. On which date did the Western Command of the Indian Army celebrate its 78th Raising Day?

- A. September 10
- B. September 12
- C. September 15
- D. September 18

ANSWER: C

5. Who Is The Responsible Minister Of The Defence Acquisition Council?

- A. MHA
- B. MOD
- C. MEA
- D. PM

ANSWER: B

6. 'Air Independent Propulsion System' Is Inducted

- A. Helicopter
- B. UAV
- C. Submarine
- D. Destroyer

ANSWER: C

7. Regimental Centre of GARHWAL RIFLES Is In

- A. Happy Valley, Shillong, Meghalaya
- B. Ranikhet, Uttarakhand
- C. Lansdowne, Uttarakhand
- D. None of the above

ANSWER: C

8. “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

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

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

ANSWER: D

10. ‘Nirdeshak’ Ship Is built by

- A. MDL
- B. GRSE
- C. CSL
- D. DRDO

ANSWER: B

11. Netaji Subhash Chandra Bose Island Is Located At

- A. A&N
- B. Ladakh
- C. J&K
- D. Puducherry

ANSWER: A

12. V. O. Chidambaranar Port Trust Is Located In

- A. T.N
- B. M.H

- C. Goa
- D. A.P

ANSWER: A

13. Full-Form of ATAGS Is

- A. Adventure Towed Artillery Gun System
- B. Advanced To Artillery Gun System
- C. Advanced Towed Artillery Gun System
- D. Advanced Towed Artillery Gum System

ANSWER: C

14. At Which Of The Following Places Is The Heavy Vehicles Factory Located?

- A. Kanpur
- B. Khadki
- C. Avadi
- D. 24 Paraganas

ANSWER: C

15. Georgetown Is The Capital Of

- A. Brunei
- B. Qatar
- C. UAE
- D. Guyana

ANSWER: D

16. "Prashata Ranvirta" Is A Motto Of

- A. Jammu And Kashmir Rifles
- B. Gorkha Regiment
- C. Punjab Regiment
- D. None

ANSWER: A

17. Exercises B/w India And Bangladesh Is Called:

- A. GARUDA SHAKTI
- B. SLINEX
- C. SAMPRITI
- D. Yudha Abhyas

ANSWER: C

18. Barrett M95 Is A

- A. Sniper Rifles
- B. Helicopter
- C. ATAGS
- D. ATGM

ANSWER: A

19. Astra Is A

- A. Air-to-air Missile
- B. Air-to-surface Missile
- C. Air-to-sea Missile
- D. None

ANSWER: A

20. Where Is The Hq Of The Southern Command of The IAF?

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

ANSWER: D