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# Defence Current Affairs

## 21 January 2023

### Exercise Cyclone - I

- The first ever joint exercise between the **special forces** of the Indian Army and the Egyptian Army named “Exercise Cyclone-I” is in progress at **Jaisalmer in Rajasthan** since 14 January 2023.
- Exercise “Cyclone - I” is the first exercise of its kind bringing the **special forces** of both nations on a common platform. The **14 days** long exercise which is being carried out in the deserts of **Rajasthan** engages both the contingents to advance special forces skills such as Sniping, Combat Free Fall, Reconnaissance, Surveillance & Target Designation, sharing of information on weapons, equipment, innovations, etc.
- The exercise aims to bolster defence co-operation between the two nations and focus on sharing professional skills and interoperability of Special Forces in desert terrain while undertaking counter terrorism, reconnaissance, raids and other special operations.

### Defence Relations

- There was close cooperation between the Air Forces, with efforts at jointly developing a fighter aircraft in **1960s**.
- IAF pilots had also trained Egyptian pilots from 1960s until 1984.
- Most of the current defence cooperation is determined by **Joint Defence Committee (JDC)** activities.
- Egypt participated in the Multinational Training Exercise for friendly African countries held at Pune in 2019. The first ever IAF-EAF Joint Tactical Air Exercise **Dessert Warrior**, was held in 2021.
- The first ever Special Forces exercise “**Cyclone 1**” between India and Egypt planned in Jodhpur from 8th – 22nd January 2022 stands postponed.



## Overseas Deployment of ICGS SHAURYA And RAJVEER to Bangladesh

- Indian Coast Guard Ships ICGS Shaurya and Rajveer were on a six-day visit to Chattogram, Bangladesh from 13 to 19 January 2023 to enhance the cooperative engagements and interoperability under the provisions of the Memorandum of Understanding (MOU) signed between Indian and Bangladesh Coast Guard (BCG).
- The visit holds significance in strengthening the bilateral relationships with BCG which has grown manifold over the years to ensure safe, secure and clean seas in the Region. The fruitful engagements with various senior officials and personnel of BCG during the visit s further enhanced the safety and security of the fishermen and mariners.
- During the visit, the Pollution Response Team of the Indian Coast Guard conducted a five-day International Maritime Organisation Level I course on Pollution Response for the first time in Bangladesh for 20 BCG personnel. The BCG personnel were also imparted training on operations of PR equipment onboard ICGS Ships Shaurya and Rajveer.
- A joint exercise was held at sea with BCG ships to validate the established Standard Operating Procedures (SOPs) in the area of environmental protection and Search and Rescue at the end of the visit. The enthusiasm and keen interest displayed by senior officials and trainees will certainly bolster the marine

environmental protection initiatives by the respective Governments in the Region.



## Woman Naval Air Operations Officer To Lead Indian Navy's Contingent At R-day Parade

- **Lt Commander Disha Amrith**, a woman naval air operations official posted at a strategic base, will lead the Indian Navy's Republic Day contingent of 144 young sailors and its tableau will showcase the '**Nari Shakti**' in force.
- Navy officials said three women and five men Agniveers will also participate in the parade at Kartavya Path.
- Besides Amrith, another woman officer -- **Sub Lt Valli Meena S** -- will be among the three platoon commanders of the naval contingent.
- The theme of the naval tableau would be '**Indian Navy -- Combat Ready, Credible, Cohesive and Future Proof**,' said Vice Admiral Suraj Berry, the Controller Personnel Services (CPS).
- In the rear section of the tableau, three models of autonomous unmanned systems being developed indigenously under IDEX-Sprint Challenge are displayed. The Indian Navy aims to induct at least 75 technology/product as part of Azadi Ka Amrit Mahotsav. The sprint initiative were launched by Hon'ble Prime Minister during the Naval Innovation and Indignation Organisation Seminar on 18 Jul 22. These products are being developed under innovation for defence excellence scheme of the Ministry of Defence and Technology Development Acceleration Cell of the Indian Navy.

- The tableau endeavours to highlight Indian Navy's sustained focus on 'AatmaNirbhar Bharat' initiatives towards being a future proof and maintaining combat readiness in service of the nation.
- rface and underwater enemy targets.
- Moreover, the attack submarines can travel at a maximum submerged speed of approximately 20 knots and have the ability to remain submerged for 21 days.
- These Submarines have a diving depth of more than 350 m.
- The Scorpene class of submarines were designed by French naval shipbuilding firm DCNS in partnership with Spanish shipbuilding firm Navantia.



## Allison Transmission Selected by Larsen and Toubro Limited for India's New FICV

- Allison Transmission, a leading designer and manufacturer of conventional and electrified vehicle propulsion solutions for tactical wheeled and tracked defense vehicles, and medium- and heavy-duty commercial vehicles, is proud to work with **L&T Ltd.**, to provide the Allison 3040 MX™ propulsion solution for the Indian Army's **Futuristic Infantry Combat Vehicle** prototype.
- The FICV is a fully tracked armored vehicle consisting of Infantry Fighting Vehicle (IFV), Reconnaissance and Surveillance, and Command and Control variants. It is essential to the "Make India" modernization program, designed to replace India's fleet of aging BMP-1 and BMP-2 infantry fighting vehicles.
- The 3040 MX is now equipped with advanced electronic system controls enabling performance optimization and additional functionality that was not previously available. Today, the 3040 MX is also found in the U.S. Army's newest tank, the Mobile Protected Firepower Light Tank.



## India Requires Two SSBNs On Patrol For The Nuclear Triad: Think Tank

- In this report, Anubhav Shankar Goswami, a Research Associate at the **Centre for Air Power Studies** in New Delhi, stated that for India to have a credible second-strike capability, at least two nuclear-powered ballistic missiles carrying intermediate-range SLBM on patrol in deep sea are required.
- The replacement of India's first nuclear submarine's nuclear fuel rods is expected to take 18-24 months. India's second Arihant class submarine has been spotted conducting sea trials, but it is unclear whether it has begun patrolling duties.

- India's third nuclear submarine called S4 which is enlarged Arihant class submarine with additional 1000-tons was seen on outer decks but it is not clear if it is ready for sea trials yet. Sister class of S4 called S4 Star should have been ready this year but again there is no clarity.
- INS Arihant, designated S2 Strategic Strike Nuclear Submarine, is the lead ship of India's Arihant class of nuclear-powered ballistic missile submarines. The 6,000 tonne vessel was built under the Advanced Technology Vessel project at the Ship Building Centre in the port city of Visakhapatnam.
- Length: 111 m
- Launched: 26 July 2009
- Beam: 15 m
- Speed: Submerged: 24 knots (44 km/h; 28 mph); Surfaced: 15 knots (28 km/h; 17 mph)
- Commissioned: August 2016
- Status: in active service
- Homeport: Visakhapatnam



## Review Questions

- 1. Recently, Where Is The Deployment of ICGS SHAURYA and RAJVEER?**
- A. Nepal
  - B. Sri Lanka
  - C. Bangladesh
  - D. Maldives

**ANSWER: C**

**2. 'Exercise Cyclone – I' Conducted b/w India &**

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

**ANSWER: C**

**3. Exercise Cyclone - I Commences In**

- A. Jaisalmer
- B. Noida
- C. Auli
- D. Amritsar

**ANSWER: A**

**4. G20 Presidency's First Health Working Group Meeting Held At**

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

**ANSWER: A**

**5. FICV Stands For**

- A. Futuristic Infantry Combat Vigilant
- B. Futuristic Infantry Cum Vehicle
- C. Futuristic Infantry Combat Vehicle
- D. None

**ANSWER: C**

**6. Naval War College Is Located In**

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

**ANSWER: A**

**7. Range of Shaurya Missile Is**

- A. 700 to 1,900 km
- B. 500 – 15,00 km



- C. 1,500 – 2,000 km
- D. 2,500 – 3,200 km

**ANSWER: A**

**8. Rashtriya Rifles Motto Is**

- A.** Courage and Valor
- B.** Always Brave
- C.** Service Before Self
- D.** Lethal

**ANSWER: A**

**9. Amogha Is A**

- A. Anti-tank guided missile
- B. Surface-to-surface tactical ballistic missile
- C. Quick reaction surface to air missile
- D. Multiple rocket launcher

**ANSWER: A**

**10. Department of Military Affairs Headed By**

- A. CDS
- B. NSA
- C. COAS
- D. Defence Minister

**ANSWER: A**

**11. Controller General of Defence Accounts Heads The**

- A. MoD Accounts
- B. Make In India Accounts
- C. Parliament Accounts
- D. Defence Accounts Department

**ANSWER: D**

**12. Ex 'SURYA KIRAN' Conducted b/w India &**

- A. Russia
- B. Oman
- C. Nepal
- D. Maldives

**ANSWER: C**

**13. Aerobatic Team Of IAF Is**

- A. Surya
- B. Surya Kiran
- C. Kiran
- D. None of the above

**ANSWER: B**

**14. 'Bangui' Is The Capital Of**

- A. Central African Republic
- B. Qatar
- C. UAE
- D. Chile

**ANSWER: A**

**15. "Translating Myself and Others" Book Is Written By**

- A. Subramanian Swamy
- B. Sitaram Yechuri
- C. Hew Strachan
- D. Jhumpa Lahiri

**ANSWER: D**

**16. Parachute Regiment Training Centre Is At**

- A. Bangalore
- B. New Delhi
- C. Nagpur
- D. Chennai

**ANSWER: A**

**17. Thales Group Is A Company Of Which Nation**

- A. Taiwan
- B. China
- C. USA
- D. France

**ANSWER: D**

**18. World's Highest Motorable Road Is In**

- A. Sikkim
- B. Ladakh

- C. Himachal Pradesh
- D. Assam

**ANSWER: B**

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

- A. AJEYA WARRIOR
- B. KONKAN
- C. Indra
- D. Both A&B

**ANSWER: D**

**20. Army Adventure Nodal Centre (Hang Gliding) Is In**

- A. Deolali, Maharashtra
- B. Noida, U.P
- C. Gurugram, Haryana
- D. Shimla, H.P

**ANSWER: A**



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