

Defence Current Affairs

18 August 2023

President Droupadi Murmu Inaugurates Advanced Naval Stealth Frigate 'Vindhyagiri'

- President Droupadi Murmu arrived in Kolkata to inaugurate an advanced stealth frigate for the Indian Navy. President Murmu launched the ship at the dock on the banks of the river Hooghly.
- She also said that the production of the advanced frigate was a symbol of Atmanirbhar Bharat and of technological advancement made by the country.
- "The launch is a symbol of self reliance in ship building," the President said adding that projects like this reflects India's "commitment to self reliance and technological advancement".
- This frigate marks the **sixth vessel out of seven** that are part of '**Project 17 Alpha**' aimed at strengthening the Navy's fleet. Notably, the first five ships of the project were introduced between 2019 and 2022.
- Nearly 75% of the orders, especially for equipment and systems for the P17A ships have come from domestic defence firms, including micro, small and medium enterprises (MSMEs).
- These guided missile frigates, known as P17A ships, boast impressive specifications, with a length of **149 meters**, displacement of approximately **6,670 tonnes**, and a top **speed of 28 knots**. Importantly, they are designed to address threats across air, surface, and sub-surface domains.



US Expected To Expand South Korea And Japan Security Limit During Trilateral Summit

- At their first trilateral summit, the United States, South Korea, and Japan are expected to form an ongoing tripartite security system to defend the Indo-Pacific area – a move China rejects as adversarial.
- U.S. President Joe Biden will hold a meeting at Camp David on Friday with South Korean President Yoon Suk Yeol and Japanese Prime Minister Fumio Kishida, hoping to tighten ties between Seoul and Tokyo amid nuclear threats from North Korea and China's influence in the region.

- North Korea has criticised deepening military cooperation among the three nations as part of a dangerous prelude to the creation of an "Asian version of NATO".



US Indo-Pacific Command Official Calls On Indian Defence Intel Chief

- **Rear Admiral Thomas M Henderschedt**, director for Intelligence (J2), **US Indo-Pacific Command**, called on DG Defence Intelligence Agency Lieutenant General **Dinesh Singh Rana**, to discuss issues of mutual interest and identify new areas for defence cooperation, according to Defence officials.

- This visit came at a time when the US Congress delegation is on an India visit. The US Congressmen, Ro Khanna and Michael Waltz, who are also co-chairs of the House India caucus lead a bipartisan Congressional Member Delegation to India.
- Later that day, the delegation met Prime Minister Narendra Modi. He called strong bipartisan support from the US Congress "instrumental" in further elevating the India-US comprehensive global strategic partnership.



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HAL-Safran Chopper Joint Venture To Be In Place Within 3 Months

- India has expedited work on a new military helicopter, which includes the design and development of a new engine and heavy involvement of the private sector defence industry to meet a tight timeline.
- The programme was a key highlight of PM Narendra Modi's visit to France and finds mention in the Roadmap on **Indo-French Strategic Partnership Horizon 2047**.
- A joint venture company with France's Safran to co-develop the engine will be set up within three months and the process to find partners in the Indian private sector has been initiated. The **Indian Multi Role Helicopter (IMRH)** programme is being led by HAL and will replace imports from Russia.



Carborundum Universal, Idea Forge To Jointly Develop Nanomaterial Reinforced Products

- Carborundum Universal Ltd, engaged in manufacturing of abrasives and industrial-ceramics, has collaborated with drone maker IdeaForge Technology to jointly develop products to make drones lighter, stronger and more durable, the companies said.
- The two companies will develop the drones through cutting-edge nanomaterial reinforced composite parts which hold the promise of transforming structural parts for aerospace applications, a joint press release said.
- "The use of nanomaterial reinforced composites in drones offer several exciting possibilities such as higher specific modulus or strength and is likely to shape the future of airframe and related structural components of drones," IdeaForge Technology Senior Director of Engineering Sunil Jha said.



Review Questions

1. Safran Is A Company Of

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

ANSWER: C

2. Frigate Vindhyagiri Is Manufactured By

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

ANSWER: A

3. Recently Dr. VS Arunachalam Passes Away. He Was A

- A. Police Officer
- B. Author
- C. Scientist
- D. None

ANSWER: C

4. AESA Radar Stands For

- A. Active Electronically Scanned Arrow
- B. Active Electron Scanned Array

- C. Active Electronically Scanned Array
- D. None of the above

ANSWER: C

5. A Hypersonic Speed Cruise Missile Would Travel At Least _____ The Speed Of Sound.

- A. four times
- B. five times
- C. Three times
- D. None of these

ANSWER: B

6. "Sarvatra Izzat-o-Iqbal" Is The Motto Of

- A. Dogra Scouts
- B. Sikkim Scouts
- C. Regiment Of Artillery
- D. None of the above

ANSWER: C

7. Which One Of The Following Countries Is Smaller Than India?

- A. Argentina
- B. Canada
- C. China
- D. Brazil

ANSWER: A

8. "In a Free State" Book Is Written By

- A.** VS Naipaul
- B.** Michael Ondaatje
- C.** Ramesh Pokhriyal
- D.** Hilary Mantel

ANSWER: A

9. CIA Stands For

- A. Central Intelligence Agency
- B. Central Investigation Agency
- C. Central Intelligence Accuracy
- D. None

ANSWER: A

10. Ex HARIMAU SHAKTI, Ex IN-RMN BILAT, HOP EX Conducted B/W India &

- A. Malaysia
- B. Mongolia
- C. UAE
- D. Maldives

ANSWER: A

11. Motto of THE MARATHA LIGHT INFANTRY REGIMENT

- A. Parakramo Vijayate
- B. Assam Vikram
- C. Yudhaya Krit Nishchaya
- D. Duty, Honour, courage

ANSWER: D

12. Maintenance Command of The IAF Is In

- A. Nagpur
- B. New Delhi
- C. Pune
- D. Mumbai

ANSWER: A

13. Which One Of The Following Is Situated At The Highest Altitude?

- A. Thimphu
- B. Lhasa
- C. Gartola
- D. Kathmandu

ANSWER: B

**14. First Private Launchpad & Mission Control Center Established On The ISRO
Campus At**

- A. Kolkata
- B. Sriharikota
- C. Trombay
- D. Marmugao

ANSWER: B

15. Chairman, ISRO & Secretary, Department of Space Is

- A. Rajnath Singh
- B. Dr. G. Sateesh Reddy
- C. Dr. S. Somnath
- D. None

ANSWER: C

16. Exercise Agni Warrior Conducted b/w India &

- A. Australia
- B. France
- C. Singapore
- D. Malaysia

ANSWER: C

17. INS Sutlej Is A

- A. Destroyer
- B. OPV
- C. Submarine
- D. Hydrographic Survey Ship

ANSWER: D

18. Indian Ocean Rim Association Established In

- A. 1997
- B. 1998
- C. 1999
- D. None of the above

ANSWER: A

19. Officers Training Academy Is At

- A. Chennai
- B. Bhopal
- C. Gaya
- D. Both A & C

ANSWER: D

20. MIM-104 Patriot Is A

- A. Air to Air missile
- B. Sniper Rifle
- C. Anti-tank Guided missile

D. Air Defence System

ANSWER: D