

# Defence Current Affairs

## 17 December 2023

### **N Korean missile test had potential range of entire US: Japan**

- A missile test fired by North Korea on Monday was an intercontinental ballistic class with a potential range covering all of the United States, Japan said.
- "The ICBM-class ballistic missile launched this time, if calculated based on the trajectory, depending on weight of warhead, could have a flying range of over 15,000 kilometres (9,320 miles). In which case the whole of the US territory would be within the range," said Shingo Miyake, parliamentary vice-minister of defence.
- Miyake said the projectile appeared to have flown about 1,000 kilometres (620 miles) with a maximum altitude of more than 6,000 kilometres (3,720 miles) before landing outside Japan's exclusive economic zone.
- But Prime Minister Fumio Kishida unequivocally condemned the launch, as well as the test-firing of a shorter-range missile on Sunday night.
- The launches are "not only a clear violation of UN Security Council resolutions but also a threat to peace and stability of the region and we strongly condemn (them)", Kishida said.



## Exercise Astrashakti

- Looking to export its indigenous weapon systems, India has strongly demonstrated the firepower of its Akash surface-to-air (SAM) weapon system, where a single firing unit simultaneously engaged and destroyed four unmanned targets during the recent Exercise Astrashakti 2023.
- With this demonstration during the Air Force Exercise Astrashakti-2023, **India has become the first to demonstrate the capability of engaging four targets simultaneously** at such ranges by command guidance using a single firing unit
- Explaining the trials, the officials said that during the exercise, four targets were coming from same direction in a close formation and were split to attack their own defence assets from multiple directions simultaneously.
- "The Akash firing unit was deployed with Firing Level Radar, Firing Control Centre (FCC), and two Akash Air Force Launcher launchers having five armed missiles," they said.
- The FLR was detected and tracked and the air scenario with four targets was updated to a higher echelon.



## IAF Successfully Test fires 'SAMAR' Air Defence Missile System

- In a major success for its in-house design and development efforts, the Indian Air Force has successfully test fired its SAMAR air defence missile system.
- The IAF has developed the **Surface to Air Missile for Assured Retaliation (SAMAR) air defence missile system** by using its **old Russian-origin air-to-air missile systems**.
- The missile system participated for the first time in the exercise to test its surface-to-air weapon systems and carry out their operational field trials.
- The missile system successfully achieved firing trial objectives in different engagement scenarios, they said.
- The system can engage aerial threats with missiles operating at a speed range of **2 to 2.5 Mach**. The SAMAR system consists of a **twin-turret launch platform** with the capability of launching two missiles in single and salvo mode, depending on the threat scenario, the IAF officials said.



## Combined Graduation Parade at AFA, Dundigal

- To mark the successful culmination of training of **213 Flight Cadets** of the flying and ground duty branches of the IAF, a CGP was held at the Air Force Academy, Dundigal in Telangana on December 17, 2023.
- The parade was reviewed by Raksha Mantri Shri Rajnath Singh, who also conferred the President's Commission on the graduating Flight Cadets. The

graduating officers included **25 women** who were commissioned in various branches of the IAF.

- Eight officers from the Indian Navy, nine from the Indian Coast Guard and two from friendly countries were also awarded 'Wings' following the completion of their flying training.



## BSF Plans Marine Battalion, Drone Squadron To Secure Sundarbans

- A marine battalion comprising more than 1,100 personnel, a squadron of about 40 drones and all-terrain vehicles (ATVs) are part of a plan devised by the BSF to secure the strategic Sunderbans mangrove region along the India-Bangladesh border against smuggling and infiltration.
- The blueprint of the plan has been prepared by the Eastern Command of the border force based in Kolkata and a final approval and financial sanction from the Union Home Ministry in Delhi is awaited, official sources told PTI.
- The Sunderbans, the world's largest mangrove forest cover region is an archipelago of over 100 islands and a complex network of streams, rivers, tidal creeks and channels spread over an area of 9,630 sq km in India. The rest falls in Bangladesh.



## Review Questions

**1. 'SAMAR' Stands For**

- A. Surface-to-Surface Missile For Assured Retaliation
- B. Surface-to-Sea Missile For Assured Retaliation
- C. Surface-to-air Missile For Assist Retaliation
- D. Surface-to-air Missile For Assured Retaliation

**ANSWER: D**

**2. Exercise Astrashakti Conducted By**

- A. IAF
- B. Indian Army
- C. Indian Navy
- D. ICG

**ANSWER: A**

**3. The First Indian Kilo-class Submarine Is**

- A. INS Sindhughosh
- B. INS Utkrosh
- C. INS Arihant
- D. INS Delhi

**ANSWER: A**

**4. India's Largest Floating Solar Power Project Commissioned In**

- A. Pune, M.H.
- B. Chennai, T.N
- C. Ranikhet, UK
- D. Ramagundam, Telangana

**ANSWER: D**

**5. \_\_conducts successful first flight of Autonomous Flying Wing Technology Demonstrator.**

- A. DRDO

- B. NASA
- C. HAL
- D. MDL

**ANSWER: A**

**6. Aeronautical Development Establishment (ADE) Is Located In**

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

**ANSWER: B**

**7. Central Air Command of IAF Is Located In**

- A. Shillong
- B. Gandhinagar
- C. Prayagraj
- D. None of the above

**ANSWER: C**

**8. College of Air Warfare Is In**

- A. Shillong
- B. Gandhinagar
- C. Prayagraj
- D. Secunderabad

**ANSWER: D**

**9. INS Kochi Is A**

- A. Destroyer
- B. OPV
- C. Submarine
- D. Tank

**ANSWER: A**

**10. IBSAMAR trilateral naval exercise held between India, Brazil and \_\_\_?**

- A. North Korea
- B. Switzerland
- C. Singapore
- D. South Africa

**ANSWER: D**

**11. MH-60 Romeo helicopters are procured by Indian Navy from which country?**

- A. Russia
- B. Israel
- C. USA
- D. Iran

**ANSWER: C**

**12. The National Disaster Response Force (NDRF) comes under\_\_**

- A. Ministry of External Affairs
- B. Ministry of Housing & Urban Affairs
- C. Ministry of Textiles
- D. Ministry of Home Affairs

**ANSWER: D**

**13. The National Disaster Response Force (NDRF) motto**

- A. Always be there
- B. Service for Nation
- C. 24\*7
- D. Disaster Service Forever

**ANSWER: D**

**14. Belgrade Is The Capital Of**

- A. Serbia
- B. Seychelles
- C. Sierra Leone
- D. Maldives

**ANSWER: A**

**15. "The Struggle Within A Memoir of the Emergency" Book Is Written By**

- A. Jairam Ramesh
- B. Late Baljit Kaur Tulsi
- C. Hew Strachan
- D. Ashok Chakravarti

**ANSWER: D**

**16. "Terminal High Altitude Area Defense (THAAD)" developed by**

- A. USA
- B. China

- C. India
- D. Russia

**ANSWER: A**

**17. Third-generation anti-tank missile is \_\_\_\_\_?**

- A. Prithvi
- B. Akash
- C. Trishul
- D. Nag

**ANSWER: D**

**18. Range of the K-15 Sagarika missile is-**

- A. 700 km
- B. 500 km
- C. 400 km
- D. 200 km

**ANSWER: A**

**19. Which Honorary Rank does M.S Dhoni hold?**

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

**ANSWER: A**

**20. Which ship did the Indian Navy recently re-induct after extensive repairs and upgrades?**

- A. INS Arihant
- B. INS Virat
- C. INS Tarmugli
- D. INS Sahyadri

**ANSWER: C**