

### Courses

 ACC
 AFCAT
 AIRMEN
 CAPF
 CDS EXAM
 INET OFFICER
 MNS
 MOCK TEST
 NDA EXAM
 PC(SL)
 SCO
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 TERRITORIAL ARMY

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# Defence Current Affairs 19 October 2022

## India-Russia Joint Venture Hopes For \$5 Bn In Supersonic Missile Exports By 2025

- An India-Russia joint venture that makes nuclear-capable supersonic cruise missiles hopes to bag orders worth \$5 billion by 2025, its chairman said on Tuesday, having signed its first export deal of \$375 million this year with the Philippines.
- BrahMos Aerospace is in discussions with Indonesia, Malaysia and Vietnam for new orders. The joint venture, with a 50.5% Indian and 49.5% Russian partnership, fits into PM Narendra Modi's flagship make-in-India programme.
- India has made Russian MiG fighter planes and Su-30 jets under licence and the two have collaborated to make BrahMos missiles in India. Russia has also traditionally been India's main arms supplier.
- "Prime Minister Narendra Modi has given a target of achieving \$5 billion (in defence exports) by 2025. I hope BrahMos themselves will be able to reach the \$5 billion target by 2025".





### Iran Agrees To Ship Missiles, More Drones To Russia, Defying The West

- Iran has promised to provide Russia with surface-to-surface missiles, in addition to more drones, two senior Iranian officials and two Iranian diplomats told Reuters, a move that is likely to infuriate the United States and other Western powers.
- A deal was agreed on Oct. 6 when Iran's First Vice President Mohammad Mokhber, two senior officials from Iran's powerful Revolutionary Guards and an official from the Supreme National Security Council visited Moscow for talks with Russia about the delivery of the weapons.
- A Western official briefed on the matter confirmed it, saying there was an agreement in place between Iran and Russia to provide surface-to-surface short range ballistic missiles, including the Zolfaghar.
- One of the drones Iran agreed to supply is the Shahed-136, a delta-winged weapon used as a "kamikaze" air-to-surface attack aircraft. It carries a small warhead that explodes on impact.
- Fateh-110 and Zolfaghar are Iranian short-range surface to surface ballistic missiles capable of striking targets at distances of between 300 km and 700 km (186 and 435 miles).
- The Iranian diplomat rejected assertions by Western officials that such transfers breach a 2015 U.N. Security Council resolution.





## India, UK To Create New Defence Industry Joint Working Group For Greater Cooperation

- Defence industry organisations from India and the UK have come together to create a new Defence Industry Joint Working Group for more effective cooperation, the British High Commission said on Tuesday.
- The inaugural meeting of the UK-India Defence Industry Joint Working Group was held on the sidelines of DefExpo 2022 in Gandhinagar, Gujarat. DefExpo will see representation from 20 UK defence companies.
- UK industry is already integrating Indian defence suppliers into their global supply chain, manufacturing defence equipment not just for India but for the world.
- "The Joint Working Group is part of an ongoing initiative between the two countries to strengthen the defence and security partnership through industrial collaboration. The UK recently issued its first Open General Export License (OGEL) in the Indo-Pacific region to India, shortening delivery times for defence procurement," the British High Commission said.
- According to the statement, the Royal Air Force (RAF) recently conducted a subject matter expertise exchange with Defence Research and Development Organisation (DRDO) during the visit of Eurofighter Typhoon, Voyager and A400 in New Delhi and also held joint-flying exercises with the Indian Air Force (IAF).





## Boeing India To Collaborate With MIDHANI to Develop Aerospace Parts And Defence Components

- Boeing India on Monday announced through a press release that it will assess and collaborate with Mishra Dhatu Nigam Limited (MIDHANI) to develop raw materials for standards aerospace parts and defence components in India.
- Boeing's advanced aircraft and services play an important role in the mission readiness of the Indian Air Force and Indian Navy. Boeing has strengthened its supply chain with more than 300 local companies in India and a joint venture to manufacture fuselages for Apache helicopters. Annual sourcing from India stands at \$1 billion.
- Boeing currently employs close to 4,000 people in India, and more than 7,000 people work with its supply chain partners. Boeing serves communities and citizenship programs to inspire change and make an impact on more than 500,000 lives in India







# Adani Defence Systems & Technologies to acquire Air Works for Rs 400 crore

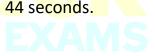
- Adani Defence Systems & Technologies (ADSTL) has signed definitive agreements to acquire Air Works in a Rs 400 crore deal.
- The company said on Tuesday that Air Works was the country's biggest and highly-diversified independent maintenance, repair and operations (MRO) with the largest pan-India network presence across 27 cities.
- Air Works had developed extensive operational capabilities within the country for key defence and aerospace platforms, the company said. From the first P-8I aircraft Phase 32 checks to Phase 48 checks and MRO on the landing gear of the Indian Air Force's 737 VVIP aircraft.
- Established in 1951, Air Works Group is the preferred MRO partner for global aviation OEMs, aircraft owners/ operators (including fixed wing & rotary wing), lessors, airlines and the Indian defence services, offering a host of services including MRO and heavy checks, line maintenance, cabin and interior refurbishment, exterior finishing and painting, avionics upgrades, integrations and retrofits, end-of-lease/ redelivery checks, maintenance training (CAR 147), and asset management services to domestic and international clients.





### Armenia To Get Pinaka Rockets, Nigeria, Indonesia Too Shown Interest

- Indian defence firm Solar group on Tuesday said they had bagged orders from Armenia for the Pinaka rockets manufactured indigenously.
- "The life and range of upgraded Pinaka rocket launchers are more than their previous version despite the price being almost the same. We have received an export order from Armenia which is to be completed within two years," Solar Group chairman Satyanarayan Nuwal said.
- India had earlier tasted success in the export sector in Armenia when it transferred the indigenously developed Swathi weapon locating radar to that country. Pinaka has also received a boost from its own orders from the Indian Army which is looking at inducting a large number of regiments of these rockets under the artillery.
- Pinaka is a multiple rocket launcher produced in India and developed by the Defence Research and Development Organisation for the Indian Army. The system has a maximum range of 40 km for Mark-I and 60 km for Mark-I enhanced version, and can fire a salvo of 12 HE rockets in 44 seconds.
- Wars: Kargil War



- Flight altitude: 40 km (25 mi)
- Length: 2.91 m (9 ft 7 in) to 5.17 m (17 ft 0 in)
- Designed: 1986-present
- Engine: T-930 multi-fuel turbocharged V8 engine with intercooler
- Propellant: High-energy composite solid fuel
- Accuracy: >7 m to <60 m CEP (Trajectory Correction System: <30 m)





### **REVIEW QUESTIONS**

- 1. \_\_\_\_Has Promised To Provide Russia With Surface-to-surface Missiles.
- A. Iraq
- B. Iran
- C. India
- D. Israel
- **ANSWER: B**
- 2. Boeing India To Collaborate With \_\_\_\_ To Develop Aerospace Parts And Defence Components.
- A. MIDHANI
- B. Adani
- C. Reliance
- D. Airbus
  - ANSWER: A
- 3. Which Exercise Isn't Conducted B/W India & USA?
- A. Yudh Abhyas
- B. Vajra Prahar
- C. Sangam
- D. Desert Eagle ANSWER: D
- 4. The Capital Of Turkmenistan Is

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- A. Ashgabat
- B. Doha
- C. Tehran
- D. Moscow
  - ANSWER: A

#### 5. Hq Of NITI Aayog Is In

- A. Mumbai
- B. Chennai
- C. Noida
- D. New Delhi ANSWER: D

#### 6. Indira Gandhi Rashtriya Udan Akademi

- A. Amethi
- B. Chennai
- C. Jammu
- D. Jalandhar ANSWER: A

#### 7. World Intellectual Property Organization (WIPO) Hq Is At

- A. Vienna, Austria
- B. Washington, DC, USA
- C. Geneva, Switzerland
- D. Rome, Italy ANSWER: C

#### 8. War Cry Of Mechanised Infantry Regiment Is

- A. Durga Mata K Jai
- B. Raja Ram Chandra K Jai
- C. Bolo Bharat Mata Ki Jai
- D. Bajrang Bali K Jai ANSWER: C

#### 9. Motto Of the Mechanised Infantry Regiment Is

- A. Service Before Self
- B. Warrior
- C. Always Brave

#### 

D. Valour & Faith **ANSWER: D** 

#### 10. Dornier 228 Is A

- A. Submarine
- B. Missile
- C. Utility Aircraft
- D. None of the above **ANSWER: C**

#### 11. Which Nation Has to Give the Largest Funding To UN Peacekeeping Force?

- A. Russia
- B. USA
- C. China
- D. Canada ANSWER: B

#### 12. NASSCOM Stands For

- A. National Association of Software and Servant Companies
- B. National Association of Sewak and Service Companies
- C. National Associate of Software and Service Companies
- D. National Association of Software and Service Companies **ANSWER: D**

#### 13. Corps of Military Police (CMP) Centre and School Is At

- A. Imphal
- B. Pachmarhi
- C. Chennai
- D. Bangalore

#### ANSWER: D

#### 14. Army School of Physical Training Is At

- A. Pune
- B. Pachmarhi
- C. Chennai
- D. Bangalore
  - ANSWER: A

#### 15. Army Airborne Training School Is At

#### SSBCrack

- A. Pune
- B. Agra
- C. Chennai
- D. Noida ANSWER: B

#### 16. Where Is The Hq Of The Eastern Command of The Indian Army?

- A. Kochi
- B. Vishakhapatnam
- C. Kolkata
- D. Mumbai ANSWER: C

#### 17. Joint Exercises B/w India And Indonesia Is Called:

- A. Garuda Shakti
- B. SLINEX
- C. Indra
- D. Yudha Abhyas ANSWER: A

#### 18. BSF Was Formed On

- A. 1 December 1965
- B. 10 December 1975
- C. 11 December 1985
- D. None of the above **ANSWER: A**

#### 19. Operation Pawan Was Conducted In

- A. 1978
- B. 1987
- C. 1998
- D. 1980

**ANSWER: B** 

#### 20. Hq of PARA SF Is At

- A. Chennai
- B. Bengaluru
- C. Nagpur

D. Mumbai ANSWER: B





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