

# Courses

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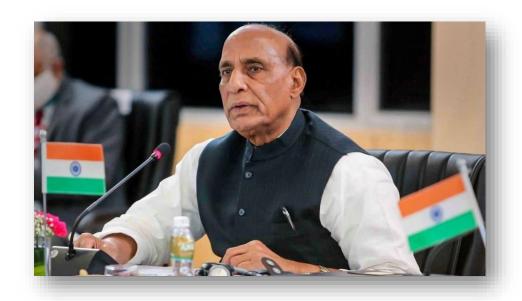
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# Daily Defence Current Affairs 27 July 2022

# Defence Ministry Approves Arms Procurement Proposals Worth Rs 28,732 Cr

- The defence ministry on Tuesday approved the procurement of military equipment and weapons worth Rs 28,000 crore that including swarm drones, carbines and bulletproof jackets. The procurement proposals were cleared by the **Defence Acquisition Council** (DAC) headed by Defence Minister Rajnath Singh.
- "This is set to provide a major impetus to the small arms manufacturing industry in India and enhance Atma Nirbharta (self-reliance) in small arms," the ministry said.
- Among the proposals approved by DAC in the meeting are three proposals of the Indian Army, viz. Guided Extended Range Rocket Ammunition, Area Denial Munition Type I and Infantry Combat Vehicle – Command have been designed and developed by DRDO. The total value of these three proposals is Rs 8,599 crore.
- Considering the demand of enhanced protection against the threat of enemy snipers to our troops deployed along the Line of Control and in close combat operations in counter-terrorism scenarios, DAC accorded for **Bullet Proof** Jackets with Indian Standard **BIS VI** level of protection.
- The DAC also approved the Navy's proposal to procure an upgraded 1250KW capacity Marine Gas Turbine Generator for power generation application onboard the Kolkata class of ships through Indian Industry.
- In order to enhance the security in the coastal region of the country, the DAC
  also approved the proposal of procurement of 14 Fast Patrol Vessels (FPVs) for
  the Indian Coast Guard under the Buy (Indian-IDDM) with 60% IC.



# 'Aatmanirbhar Bharat': iDEX-DIO Signs 100th Contract For Defence Innovation

- iDEX (Innovations for Defence Excellence), the flagship initiative of the Department of Defence Production, Ministry of Defence, ceremoniously embarked upon the milestone of signing its 100th contract on 26 July 2022.
- iDEX framework was launched by Hon'ble Prime Minister Shri Narendra Modi in 2018 with the objective that it would provide the platform for co-creation and co-development in the Defence sector and would engage start-ups to contribute to the defence sector and develop defence and aerospace setup in the country.
- More than Rs 250 crore worth of projects have been allocated and procurement of 14 items worth over Rs 400 crore have been cleared. iDEX has also been able to generate thousands of jobs and attract India's talent back to the country.
- Within a short span of time iDEX, which has also been awarded the prestigious
  Prime Minister Award for Public Policy in Innovation Category for the year 2021,
  has emerged as a game changer in the Defence eco-system through its flagship
  programmes like Defence India Start-up Challenges (DISC), Prime and Open
  Challenges (OC). iDEX has been able to build the required momentum and
  generate critical mass of start-ups in the defence sector.
- iDEX is working at path breaking pace to ensure that its agreements with the start-ups and innovators reach logical conclusions timely, eventually opening

myriad of options for the budding, soon to be unicorns and also at the same time addressing the requirement of Services.



# Garuda Aerospace To Back Indian Army In Field Trials With Drones

- Garuda Aerospace, a developer of low-cost drone solutions, has announced its support to the Indian Army for conducting trials with drones. The main purpose of its support is to demonstrate drones and anti-drone technology to diversify applications, support security mandates and serve the nation.
- The company recently also partnered with the Tamil Nadu Industrial
   Development Corporation Limited (TIDCO) the nodal agency for the Tamil Nadu
   defence corridor. The company said it will also get global technology partners
   which will help speed many defence aspirations.
- The drones will be used for on field testing and training, which will embark towards creating a global footprint that will not only impact the army but increase efficiency.



# **Govt Accords High Priority To Indigenisation Of SDRs For Armed Forces**

- The government has fast-tracked the indigenization of Software Defined Radios (SDRs) with the country's premier research and development institutions DRDO and the IIT Kanpur - to fulfil the increasing demand by the armed forces across a broad spectrum of operations, the MoD.
- Defence Secretary Dr Ajay Kumar stated that the development of SDRs will be an important milestone towards achieving the goals of 'Aatmanirbhar Bharat' in the field of secured radio communication.
- The management framework for SDR involves indigenous self-sustainable design, development, manufacturing, testing/certification and maintenance ecosystem.
- Standard OE enables waveform portability and interoperability among SDRs of multiple vendors. Towards this, the Ministry of Defence has taken a decision to define and develop a reference implementation of an India-specific operating environment called India Software Communication Architecture (SCA) profile or Indian Radio Software Architecture.



# **Army Eyeing 350 Light Tanks for Ladakh And Sikkim**

- The purchase of 350 light tanks, for use in the Himalayas and also in other areas, is under active discussion in the defence ministry. These tanks, likely to be about 25 tonnes are likely to be deployed, when ready, in Ladakh and parts of Sikkim, which are cold and barren plateaus and therefore, good tank country.
- In both areas, India is face to face with the Chinese People's Liberation Army.

  Currently, the Army uses T-72 tanks in these areas—they weigh about 42 tonnes. The Army has already issued a Request for Information and has made it clear that these tanks should be usable in areas where the temperature is low and also in Rajasthan and in areas where there is a lot of water.
- The light tanks will have a crew of two or three soldiers and, keeping in mind future warfare, will be able to use smart munitions. Importantly, they are expected to have the ability to fire at high angles—necessary for the mountains.
- The Army is also looking for Infantry combat vehicles as part of the modernisation process. These will have special features for commanders and the proposal is already before the Defence Acquisition Council, chaired by defence minister Rajnath Singh and including the three chiefs.



# **REVIEW QUESTIONS**

- 1. During the Kargil War Who Was The COAS of the Indian Army?
- A. V.K Singh
- B. J. J Singh
- C. V. P. Malik
- D. SHF Manekshaw

**ANSWER: C** 

#### 2. Current Defence Secretary of India Is

- A. V. S Pathania
- B. Sandeep Deo
- C. Rajiv Gauba
- D. Ajay Kumar

**ANSWER: D** 

#### 3. QRFV Stands For

- A. Quick Reaction Fighting Vehicle
- B. Query Reaction Fighting Vehicle
- C. Quick Reaction Fighter Vehicle
- D. Quick Reactive Fighting Vehicle

**ANSWER: A** 

#### 4. International Space Station is a multinational collaborative project involving

- A. NASA, Roscosmos, JAXA, ESA, ISRO
- B. NASA, Roscosmos, JAXA, CSA

- C. NASA, Roscosmos, JAXA, ESA, CSA
- D. None of the above

**ANSWER: C** 

- 5. Ex 'Ajeya Warrior' conducted b/w India &
- A. Qatar
- B. Oman
- C. UAE
- D. UK

**ANSWER: D** 

- 6. Dhanush (howitzer) Manufactured By
- A. L&T
- B. Boeing
- C. ISRO
- D. Advanced Weapons and Equipment India Limited

**ANSWER: D** 

- 7. What Is LGM-30 Minuteman III Is A
- A. ICBM
- B. IRBM
- C. MRBM
- D. None of the above

**ANSWER: A** 

- 8. Which is the highest rank of the Indian Army?
- A. Major General
- B. Lt Colonel
- C. Major
- D. Captain

**ANSWER: A** 

- 9. Which countries are NOT included in the Quad Group?
- A. United States of America
- B. Australia
- C. Russia
- D. India

**ANSWER: C** 

- 10. Which of the following was included in the Spirit of Quad statement released by member countries?
  - i) Shared vision for a Free and Open Indo-Pacific
  - ii) Vision for rules-based maritime order in the East and the South China Sea
- A. Only i
- B. Only ii
- C. Both i and ii
- D. None of the above

**ANSWER: C** 

#### 11. Which Countries Are Divided By The Nine Dash Line?

- A. People's Republic of China and PRC Taiwan
- B. Afghanistan and Pakistan
- C. Afghanistan and Iran
- D. India and Myanmar

**ANSWER: A** 

### 12. Kakrapar Atomic Power Station is located in\_\_\_\_\_

- A. Tamil Nadu
- B. Gujarat
- C. Madhya Pradesh
- D. Uttarakhand

**ANSWER: B** 

#### 13. In Nuclear Power Station, Moderator Is Used To,

- A. absorb neutrons
- B. reduce the speed of neutrons
- C. accelerate the speed of neutrons
- D. stop chain reactions

**ANSWER: B** 

#### 14. Pristina Is The Capital Of

- A. Kiribati
- B. Kuwait
- C. Kosovo
- D. Maldives

**ANSWER: C** 

#### 15. Who Is The Author Of The Book Long Walk To Freedom?

- A. Louis Fischer
- B. Mao Tse Tung
- C. Nelson Mandela
- D. Aung Sang Su Kyi

**ANSWER: C** 

#### 16. Shenyang FC-31 Is A

- A. Destroyer
- B. OPV
- C. Submarine
- D. Fighter Jet

**ANSWER: D** 

#### 17. Armed Forces Medical College Is Located At

- A. Mumbai
- B. Pune
- C. Nashik
- D. None of the above

**ANSWER: B** 

### 18. Which Is/Are Military Honour?

- A. Mahavir Chakra
- B. Kirti Chakra
- C. Vir Chakra
- D. All of the above

**ANSWER: D** 

### 19. Which Corps Of Indian Army Handles Military Communications?

- A. Army Service Corps
- B. Army Aviation Corps
- C. Corps of Signals
- D. None of the above

**ANSWER: C** 

#### 20. Pinaka Is A

- A. IRBM
- B. SRBM
- C. MBRL

# SSBCrack EXAMS

D. SLBM

ANSWER: C





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