

Courses

ACC (1) AFCAT (1) AIRMEN (2) CAPF (1) CDS EXAM (2) INET OFFICER (1) MNS (1) MOCK TEST (3) NDA EXAM (1) PC(SL) (1) SCO (1) SSB INTERVIEW (1) TERRITORIAL ARMY (1)

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Daily Defence Current Affairs

26 April 2022

World Military Expenditure Report: SIPRI

- The global military expenditure has crossed the USD 2 trillion mark for the first time, with the US, the world's largest economy, being the top spender, Sweden-based defence think-tank SIPRI. **India** is in the **third** position.
- SIPRI said that the total global military expenditure increased by 0.7 percent in real terms in 2021, to reach USD 2,113 billion.
- "The five largest spenders in 2021 were the United States, China, India, the United Kingdom, and Russia, together accounting for 62 percent of expenditure".
- The report said that the world military spending continued to grow in 2021, reaching an all-time high of **USD 2.1 trillion**.
- The report said that US military spending amounted to USD 801 billion in 2021, a drop of 1.4 percent from 2020.
- Meanwhile, Russia increased its military expenditure by 2.9 percent in 2021 to USD 65.9 billion.
- China, the world's second-largest spender, allocated an estimated USD 293 billion to its military in 2021, an increase of 4.7 percent compared with 2020
- India's military expenditure increased to USD 76.6 billion in 2021, marking a 0.9 percent hike over the 2020 figures.
- "India's military expenditure of USD 76.6 billion in 2021 was the third highest in the world. Its spending was up by 0.9 percent from 2020 and by 33 % from 2012, "
".



MHA Designates NSG To Equip Paramilitary Forces with Anti-drone Capabilities

- National Security Guards (NSG) has been designated as the nodal agency by the Union Home Ministry to equip other paramilitary forces and State police departments with anti-drone capabilities.
- **Counter drone systems**
- The armed forces — Army, Air Force and Navy — are developing their own capabilities and have lined up to purchase counter-drone systems essentially developed by DRDO.
- According to the DRDO, the counter-drone system consists of the following components: Radar and, day and night camera to detect and track, a communication channel for detection and jamming sensors, GPS jamming/spoofing system, laser directed energy weapon system for destroying and command and control centre.



Spike ATGM Inducted by Army and Air

- The Army and IAF have begun to induct advanced Israeli ATGM with longer ranges and greater armour-penetration capabilities, amid the two-year-long military confrontation with China in eastern Ladakh.
- The Israeli 'tank killers' were ordered under emergency procurement last year due to the troop stand-off with China, which is yet to show any signs of de-escalation.
- Ukrainian troops armed with US-origin Javelin ATGMs and western next-generation light anti-tank light missiles (NLAWs) have destroyed hundreds of Russian tanks and other armoured vehicles
- The Israeli family of Spike ATGMs is equally lethal and versatile. The Army is inducting the Spike LR-2 launchers and missiles, which have a ground strike range of 5.5km, while the IAF is integrating its Russian-origin Mi-17 V5 armed helicopters with Spike NLOS (non-line of sight) missiles that can destroy ground targets around 30km away.
- "Both the fifth-generation ATGMs are being inducted in limited numbers under emergency procurement to plug certain operational gaps. The much larger requirement for ATGMs will be met through 'Make in India' projects," a top defence source said on Sunday. "The pilot-controlled NLOS missiles, which can be armed with different kinds of warheads, are primarily meant for specialised 'behind the hill' missions by IAF helicopters,"
- The IAF, incidentally, has 22 Apache attack helicopters, armed with Stinger air-to-air missiles, Hellfire Longbow air-to-ground missiles, guns and rockets, inducted under the Rs 13,952-crore deal with the US in September 2015. The

Army, in turn, is getting six Apaches under a Rs 5,691-crore deal in February 2020.



Russia's New S-500 Air Defence System Put into Mass Production

- Russia's newest anti-aircraft missile defense system S-500 (Prometheus) has already been put into mass production and promises to become the basis of the Russian aerospace defense system.
- The S-500 can become the basis of the Russian aerospace defense system. The troops will receive it within the time frame set by the state defense order, “.
- The S-500 Prometheus is a next-generation surface-to-air missile system with a range of 600 kilometers (370 miles).
- Beyond providing battlefield tactical air defense, the mobile S-500 Prometheus system is considered one of the most advanced in the world, reportedly capable of destroying volleys of hypersonic missiles currently under development by various countries.
- The S-500 was developed by the Almaz-Antey Air Defence Concern to replace aging A-135 missile systems currently in use. It is considered a step up from the S-400 Triumf but would supplement that platform rather than replace it



After the Tata-Airbus success, IAF keen on the same model for fighter jets

- Buoyed by the success of the Tata-Airbus partnership to manufacture transport aircraft in India, the air force is keen that the upcoming procurement of new fighter jets follows a similar model, enabling quick delivery of combat aircraft that are required urgently to retain a combat edge in the region.
- The estimated \$20 billion procurement for 114 multi-function fighter planes (MRFA) was initially being processed below the Strategic Partnership (SP) model, wherein an Indian firm ties up with an overseas provider to fabricate main platforms in India. This model nonetheless had not been met with success but, with two tasks initiated by the navy failing to maneuver ahead. On the opposite hand, the 'Buy Global, Make in India' has proved itself to achieve success with the signing of a deal to fabricate C 295 transport plane by a Tata-Airbus mix.
- The defence ministry has now positioned naval utility helicopters below an import ban listing and a naval model of HAL's Advanced Light Helicopter (ALH) is now seen because the lead contender for the contract. Similarly, the plan to amass standard submarines below Project 75I has additionally hit tough seas, with overseas know-how suppliers expressing their incapacity to fulfill what they describe as unreasonable "joint and severe liabilities" for a product that will probably be manufactured by the Indian associate.
- While orders have been positioned for 83 of the LCA Mk 1A plane from HAL, India faces an acute scarcity of fighter jets as a number of legacy Russian

platforms have retired or are on the verge of being phased out. The total MiG 21 fleet is on its final legs and earlier plans to acquire 123 fighter jets was shelved to acquire 36 Rafale fighter jets.



REVIEW QUESTIONS

1. SIPRI Stands For

- A. Stockholm Inter Peace Research Institute
- B. Stockholm Internotional Peace Research Institute
- C. Stockholm International Peace Research Institute
- D. Stockholm International Peacock Research Institute

ANSWER: C

2. Hq of SIPRI Is At

- A. Solna
- B. Berlin
- C. Paris
- D. Moscow

ANSWER: A

3. World's Top Military Expender nation according to SIPRI 2022 Report Is

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

ANSWER: D

4. Which of the following is a cruise missile of India?

- A. Nirbhay
- B. Agni-1
- C. Prithvi-2
- D. Dhanush

ANSWER: A

5. The BrahMos missile, has a top supersonic speed of Mach ____.

- A. 0.8 to 1
- B. 1.8 to 2
- C. 2.8 to 3
- D. 3 to 4.8

ANSWER: C

6. The range of Agni - VI missile is _____.

- A. 8000 km - 10000 km
- B. 11000 km - 12000 km
- C. 3000km - 4500 km
- D. 5000 km - 7000 km

ANSWER: A

7. What is the strike range of the Agni-IV ballistic missile in kilometres?

- A. 1000-2000
- B. 2000-3000
- C. 3000-4000
- D. 4000-5000

ANSWER: C

8. Sena Medal Award Is Given to The Soldiers Of

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

ANSWER: A

9. UNICEF Stands For

- A. Urea Nations Children's Fund
- B. United Nations Children's Future

- C. United Nations Children's Fund
- D. None of the above

ANSWER: C

10. 'Desh Pukare Jab Sab Ko' Is the March Past Song Of

- A. IAF
- B. ICG
- C. BSF
- D. None of the above

ANSWER: A

11. "Sangathan Va Veerta" Is the Motto Of

- A. JAT REGIMENT
- B. PARACHUTE REGIMENT
- C. PUNJAB REGIMENT
- D. None of the above

ANSWER: A

12. Which Is Not the Department of MOD?

- A. Department of Defence
- B. DRDO
- C. Department of Defence Production
- D. Department Of Border Management

ANSWER: D

13. The Rudra is a

- A. Attack Helicopter
- B. Machine Gun
- C. UAV
- D. Fighter Jet

ANSWER: A

14. INS Ranjit Is A

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

ANSWER: A

15. Bangladesh Liberation War Was Held

- A. 1971
- B. 1972
- C. 1973
- D. 1974

ANSWER: A

16. Current European Commission President Is

- A. Jean-Claude Juncker
- B. Vladimir Zelensky
- C. Ursula von der Leyen
- D. None of the above

ANSWER: C

17. INS Chennai Is A

- A. Missile Destroyer
- B. Submarine
- C. Landing Ship Tank
- D. None

ANSWER: A

18. Tehran Is the Capital Of

- A. Oman
- B. Iran
- C. UAE
- D. Iraq

ANSWER: B

19. "My Experiments with Silence" Book Is Written

- A. Anant Vijay
- B. Sitaram Yechuri
- C. Samir Soni
- D. APJ Abdul Kalam

ANSWER: C

20. SLINEX 2022 Ex Conducted At

- A. Goa
- B. Vishakhapatnam
- C. Kerala

D. Mumbai

ANSWER: B

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