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Defence Current Affairs

20 September 2022

Shri Vijoy Kumar Singh assumes charge as Secretary, Ex-Servicemen Welfare

- Shri Vijoy Kumar Singh assumed charge as Secretary, Ex-Servicemen Welfare, Ministry of Defence on September 19, 2022. Shri Singh is a 1990-batch IAS officer of Punjab cadre, who has an experience of more than 32 years in administration.
- Shri Vijoy Kumar Singh recently served as Special Secretary in Ministry of Textiles. Prior to this appointment there, he had served as Joint Secretary in Department of Personnel & Training. He had extensive interactions with serving as well as retired Armed Forces personnel during his career in Punjab.
- Department of Ex-servicemen Welfare is a department in the Ministry of Defence, India. It was set up in 2004. The head of Department of Ex-servicemen Welfare since its inception has been a bureaucrat from the IAS.



First Women Chinook Pilots Of The Indian Air Force

- Two female combat pilots are taking the controls of Chinook helicopters for the first time in IAF history. The Boeing multi-mission helicopter has been essential in assisting army deployments close to the LAC.
- At a time when India and China are embroiled in a protracted border dispute, **Squadron Leaders Parul Bhardwaj and Swati Rathore** would command Chinook helicopter units in the northern and eastern sectors close to LAC.
- Before being transferred to CH-47F Chinook units headquartered in Chandigarh and Mohanbari in Assam, respectively, Squadron Leaders Rathore and Bhardwaj formerly piloted Russian-made Mi-17V5 helicopters.
- **Top speed:** 302 km/h
- **Introduced:** 1962
- **Cruise speed:** 291 km/h
- **Manufacturers:** Boeing Rotorcraft Systems,
- Boeing Defense, Space & Security



Siachen Glacier, The World's Highest Battlefield Gets Satellite Broadband For Troops

- The Indian Army has achieved great success in the world's highest battlefield i.e. Siachen. Due to the unprecedented move of the Indian Army's Fire and Fury Corps Siachen Signalers, now the world's highest battlefield i.e., Siachen Glacier will also have an internet facility.
- Siachen Signalers have activated satellite-based internet service on the Siachen Glacier (19,061 ft), the world's highest battlefield.
- It is worth noting that the Indian Army's **Fire and Fury Corps** Siachen Signalers is responsible for security in the world's highest battlefield Siachen.
- Under the project, a total of 7,000 sites will be covered by four satellite gateways having two high-throughput (HTS) satellites. So far, roughly 4,000 Gram Panchayats have been commissioned as part of the project.



CSL To Equip LR-SAM and MF-STAR on INS Vikrant

- Before the commencement of the aviation trials in November, Cochin Shipyard Limited will finish installing the Range Surface to Air Missile (LR-SAM) system and the MF-STAR (multi-functional digital active electronically scanned array) radar.

- As per Madhu S. Nair, Chairman and Managing Director of CSL, installation of both systems will be completed in 45 to 60 days since the bulk of the support system's integration has already been completed.
- IAI and the DRDO jointly developed the LR-SAM, which is the primary air defence system that will provide outer cover and inner coverage provided by VL-SRSAM against any aerial threats to the INS Vikrant.
- MF-STAR is an active electronically scanned array multifunction naval radar system made by IAI that can track simultaneously air and surface targets and can track hundreds of objects at once with a very rapid refresh rate. It possesses the ability to engage multiple targets simultaneously and can deliver guided illumination, mid-course updates, and anti-ship missiles that are both active and semi-active.
- Furthermore, it has automatic splash detection and correction capabilities for the assistance of naval gunnery.



IAF Su-30s To Get X-GUARD Fiber Optic Towed Decoy System

- IAF has decided to equip its frontline Air superiority Su-30MKI fighter jets with Israeli X-Guard, a fiber optic towed decoy designed to protect airborne platforms against modern Radio frequency-guided missiles and lure air defense systems away from the aircraft.
- X-Guard creates a false target signal to divert the incoming RF missile from the protected platform to increase missile miss distance dramatically. X-Guard can

be used in all operational missions to counter air-to-air and surface-to-air missile threats.

What Are Towed Decoys?

- First, let us understand the term “Decoy”. Decoy means a thing that intends to attract someone by deceiving them. So basically, Decoys on fighter aircraft work in a way, that they will attract the incoming threat and deceive it towards themselves. And here the term “towed” means “to pull someone/something behind one object. So, basically towed decoys are such that they are pulled along with the aircraft and that decoy will be part of the EW suits of aircraft.
- This countermeasure basically for the RF-guided missiles i.e. Radar Guided missiles. It works together with the aircraft’s electronic warfare system to provide radar jamming. In addition, it can also be used in a backup mode as a signal repeater, which allows it to lure incoming missiles away from their actual target.

Capabilities of Towed Decoys

- Normal EW suits cannot protect from Missiles equipped with Monopulse Radar and LORO (Lobe-On-Receive-Only) Radars. These decoys are specially made for the same that can decoy and jam other radars along with especially these two. It can be used multiple times and also can be retracted. Also, it is not on the hardpoint, it is added by additional pylon on the wings. It can fly along with aircraft up to a speed of 1.6 Mach and can withstand the forces and acceleration of 9G. Due to this, it can also be easily used when the jet is cruising at supersonic speed. The connection is basically with optic fiber so the power supply is always high.



CISF Organised 7th All India Police Judo Cluster-2022

- The six-day event has been organised between September 19 and 24 here in the national capital in which seven games including Judo, Wushu, Taekwondo, Pencak Silat, Karate, Gymnastics and Fencing will be organised.
- This year Penkak Silat, Fencing and Wushu are included for the first time in the Cluster. Nearly 41 teams with approximate 1,500 sportspersons from Central Police Forces and State Police will be participating in the Championship. At least 168 sportspersons of CISF (97 men and 71 women) will take part in the Cluster.
- The closing ceremony of the Cluster will be organised on September 24 in presence of Archana Ramasundaram, Member, Lokpal of India, as the Chief Guest.
- Sheel Vardhan Singh, DG CISF said that Sports and games have formed an integral part of the Police training curriculum. Maintaining physical fitness and good health is of paramount importance to Police per- personnel in performing their arduous duties. Sports play a vital role in maintaining the desired physical standards amongst the Police personnel.



REVIEW QUESTIONS

1. Who Assumes Charge As Secretary, Ex-servicemen Welfare?

- A. Vijoy Kumar Singh
- B. Vijay Kumar Singh
- C. Vikram Kumar Singh
- D. Virat Kumar Singh

ANSWER: A

2. Department of Ex-servicemen Welfare Comes Under

- A. MHA
- B. MOD
- C. MEA
- D. None

ANSWER: B

3. Ex 'SURYA KIRAN' Conducted b/w India &

- A. Russia
- B. Oman
- C. Nepal
- D. Maldives

ANSWER: C

4. The Chinook Is A

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

ANSWER: A

5. 7th All India Police Judo Cluster-2022 Organized By

- A. BSF
- B. IB
- C. CISF
- D. NIA

ANSWER: C

6. Which Team Won Durand Cup Championship 22?

- A. Bengaluru FC
- B. Mumbai City FC
- C. Chennai City
- D. None

ANSWER: A

7. Aerobatic Team Of IAF Is

- A. Surya
- B. Surya Kiran
- C. Kiran
- D. None of the above

ANSWER: B

8. Which Ship On 19 Sep 22, After Rendering 32 Years Of Glorious Service To The Indian Navy Has Been Decommissioned?

- A. INS Ajay
- B. INS Alok
- C. INS Vigneh
- D. None of the above

ANSWER: A

9. Sampriti Ex Conducts B/W

- A. India & Indonesia
- B. India & Bangladesh
- C. India & Sri Lanka
- D. India & Russia

ANSWER: B

10. Assistant Commandant Of ICG Is Equivalent To Which Rank Of Indian Army?

- A. Captain
- B. Brigadier
- C. Lieutenant
- D. Major General

ANSWER: C

11. Parachute Regiment Training Centre Is At

- A. Bangalore

- B. New Delhi
- C. Nagpur
- D. Chennai

ANSWER: A

12. Thales Group Is A Company Of Which Nation

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

ANSWER: D

13. Which Country Hosted Multilateral Exercise MILAN 2022?

- A. France
- B. UK
- C. India
- D. Malaysia

ANSWER: C

14. Quito Is The Capital Of

- A. Ecuador
- B. Egypt
- C. UAE
- D. El Salvador

ANSWER: A

15. "Modi @20: Dreams Meeting Delivery" Book Is Written By

- A. Shashi Tharoor
- B. Rajesh Talwar
- C. Venkaiah Naidu
- D. Rasheed Kidwai

ANSWER: C

16. Russia's New Nuclear-capable Intercontinental Missile That Can Strike Any Target In The World Is ____.

- A. Nikita
- B. Mashov
- C. Spike

D. Sarmat

ANSWER: D

17. What Is The Name Of India's First Indigenously Developed Flying Trainer?

- A. Horn-NG
- B. HANS-NG
- C. HANSA-NG
- D. Hawk-NG

ANSWER: C

18. Sea Dragon-22 Is A

- A. Domestic Ex
- B. Multilateral Ex
- C. Bilateral Ex
- D. None of these

ANSWER: B

19. World's Highest Motorable Road Is In

- A. Sikkim
- B. Ladakh
- C. Himachal Pradesh
- D. Assam

ANSWER: B

20. Exercises B/w The India And UK Is Called:

- A. AJEYA WARRIOR
- B. KONKAN
- C. Indra
- D. Both A&B

ANSWER: D

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