

# Defence Current Affairs

## 12 August 2023

### Maya OS, The Indigenous Windows Replacement For India's Defence Systems

- Defence Ministry has announced a major overhaul of its cybersecurity system: it will replace Windows in all its internet-connected computers with a new OS called Maya. This is a response to the growing threat of malware & ransomware attacks, which have become more frequent and severe in recent times.
- Maya OS is a new operating system that is based on Ubuntu, a popular Linux distribution that uses free and open-source software. The Defence Ministry has developed Maya OS with the help of various government agencies, including the DRDO, the Centre for Development of Advanced Computing (C-DAC), and the National Informatics Centre (NIC).
- Ubuntu is one of the most widely used Linux distributions in the world and it is known for its high level of security. Unlike Windows, which has a large number of malware and vulnerabilities due to running more services and its backwards compatibility, Ubuntu has very few malware and exploits.
- The idea of Maya OS was conceived in 2021 after India faced several cyberattacks from foreign actors that targeted its critical infrastructure and defence systems. The Defence Ministry decided to create its own operating system that would be more secure and reliable than Microsoft Windows.



## **Birthday Of Visionary Space Scientist, Dr. Vikram A Sarabhai**

- The birth anniversary of Dr Vikram Sarabhai, who is the Father of the Indian Space Programme, is celebrated every year on August 12. Born in Ahmedabad on August 12, 1919 Dr Sarabhai initiated the Indian space research and helped develop nuclear power in the country.
- A renowned physicist and astronomer, Dr Sarabhai were one of the most endearing visionaries of Indian space research. He was a great institution builder and established or helped to establish a large number of institutions in diverse fields. From Physical Research Laboratory (PRL), Ahmedabad to Electronics Corporation of India Limited (ECIL), Hyderabad, Dr. Sarabhai established several well-known institutions across the country.
- Establishing the Indian Space Research Organisation (ISRO) was one of his greatest contributions to the country. During a time, when India was not in a position to fund big space research programmes, he emphasized the importance of such an initiative.
- And with the support of Dr Homi Jehangir Bhabha, known as the father of the Indian nuclear science programme, he could convince the government of the importance of the space programme and set up the first rocket launching station in the country at Thumba near Thiruvananthapuram.
- "His remarkable contributions laid the foundation for Indian Space Programme," tweeted ISRO on Dr. Sarabhai's 104th birth anniversary.



## Indian Army Chief Reviews Commissioning Parade Of Officer Cadets In UK

- Indian Army Chief General Manoj Pande reviewed the commissioning of 185 officer cadets as Army Officers at the prestigious Royal Military Academy Sandhurst as the Sovereign's Representative.
- The Royal Military Academy Sandhurst hosted the Sovereign's Parade, where 185 Officer Cadets transformed into commissioned Army Officers. The highly anticipated event took place on August 11 amidst an atmosphere of pride and accomplishment.
- Gracing the occasion on behalf of His Majesty the King was General Manoj Pande PVSM, AVSM, VSM, ADC, and Chief of Army Staff of the Indian Army.
- A culmination of relentless dedication and 44 weeks of intensive training, the parade marked a significant milestone for the Officer Cadets of Commissioning Course 223. With the stroke of midnight on parade day, each Officer Cadet will officially receive HM the King's Commission, symbolizing their commitment to serving their nation.



## **Raksha Mantri Rajnath Singh Approves Substantial Increase In Financial Aid**

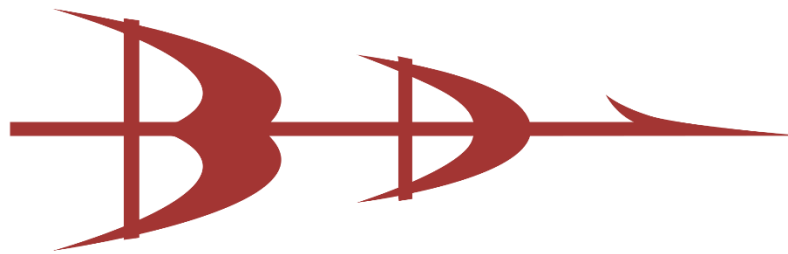
- Raksha Mantri Rajnath Singh yesterday approved a substantial increase in financial aid across various schemes aimed to strengthen the support systems for the ex-servicemen and their families. The Defence Ministry said that the financial assistance under the Vocational Training Grant scheme for widows of ex-servicemen has been increased from 20 thousand to 50 thousand rupees.
- While, non-pensioner ex-servicemen or their widows will now receive an increased Medical Grant, with the amount being raised from 30 thousand to 50 thousand rupees. The Serious Disease Grant for non-pensioner ex-servicemen or their widows has been enhanced from one lakh 25 thousand to one lakh 50 thousand rupees.
- The Ministry said that the increased financial assistance provisions stand as a testament to Prime Minister Narendra Modi-led government's recognition of the sacrifices made by the ex-servicemen and their families and its sincere desire to enhance their quality of life.



## **BDL Is Organizing Product Exhibition for School & College Students**

- As a part of Azadi Ka Amrit Mahotsav, BDL is organizing a Product Exhibition for school & college students on 11 & 12 Aug 2023. Shri Nuka Srinivasulu, Director (Finance) inaugurated the exhibition. BDL is showcasing models of Missiles, Underwater weapons etc at the event.

- Bharat Dynamics Limited (BDL) is one of India's manufacturers of ammunitions and missile systems. It was founded in 1970 in Hyderabad, India.[4] BDL was established to be a manufacturing base for guided weapon systems and begun with a pool of engineers drawn from Indian Ordnance Factories, DRDO and aerospace industries, It began by producing a first generation anti-tank guided missile - the French SS11B1. This product was a culmination of a licence agreement the Government of India entered into with Aerospatiale. BDL has three manufacturing units, located at Kanchanbagh, Hyderabad; Bhanur, Medak district, and Visakhapatnam, Andhra Pradesh.



भारत डायनामिक्स लिमिटेड

BHARAT DYNAMICS LIMITED



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EXAMS

## Review Questions

### 1. BDL Was Established In

- A. 1970
- B. 1980
- C. 1990
- D. 2022

**ANSWER: A**

### 2. Which of the following is considered as the Father of the Indian space program?

- A. Dr. APJ Abdul Kalam
- B. Dr. Vikram Ambalal Sarabhai
- C. V R Narayan
- D. None

**ANSWER: B**

**3. National Media Center Is In**

- A. Noida
- B. New Delhi
- C. Mumbai
- D. Gurugram

**ANSWER: B**

**4. Ex Sampriti X Held In**

- A. Jashore, Bangladesh
- B. Ranikhet, UK
- C. Dhaka, Bangladesh
- D. None

**ANSWER: A**

**5. Air Commodore Rank Of IAF Is Equivalent To Which Rank Of Indian Army?**

- A. Brigadier
- B. Lt. Gen
- C. Captain
- D. Major General

**ANSWER: A**

**6. International Maritime Organisation (IMO) Hq Is At**

- A. London, United Kingdom
- B. Vienna, Austria
- C. Paris, France
- D. Geneva, Switzerland

**ANSWER: A**

**7. CBI Hq Is In**

- A. New Delhi
- B. Mumbai
- C. Hyderabad
- D. Chennai

**ANSWER: A**

**8. \_\_\_ Is The Largest Defense Contractors in the World.**

- A.** Lockheed Martin

- B. Boeing
- C. Raytheon Technologies
- D. None of the above

**ANSWER: A**

**9. 'The Communist Manifesto' Book Written By\_\_.**

- A. Karl Marx and Friedrich Engels
- B. Alexis
- C. Thomas Paine
- D. Niccolo Machiavelli

**ANSWER: A**

**10. OPEC Hq Is In**

- A. Budapest, Hungary
- B. New York, USA
- C. Luanda, Angola
- D. Vienna, Austria

**ANSWER: D**

**11. AUKUS Stands For**

- A. Azerbaijan, the United Kingdom, & the United States
- B. Australia, the United Kingdom, & the United States
- C. Australia, the United Kingdom, & Uganda
- D. Argentina, the United Kingdom, & the United States

**ANSWER: B**

**12. Madagascar Is In**

- A. Pacific Ocean
- B. Indian Ocean
- C. Black Sea
- D. Arctic Ocean

**ANSWER: B**

**13. Which Is Not The Member Of SAARC?**

- A. Bangladesh
- B. Myanmar
- C. India
- D. Pakistan



**ANSWER: B**

**14. With reference to MILAN Exercise, consider the following statements:**

1. It is a multilateral Naval Exercise conducted by the members of Shanghai Cooperation Organization (SCO).
2. MILAN 2022 conducted in the East China Sea.

Which of the statements given above is/are correct?

- (a) 1 only                      (b) 2 only  
(c) Both 1 and 2          (d) Neither 1 nor 2

**ANSWER: D**

**15. INAS 550 Is Based At**

- A. Kochi
- B. Mumbai
- C. Vishakhapatnam
- D. Chennai

**ANSWER: A**

**16. Ex 'Nomadic Elephant' conducted b/w India &**

- A. Qatar
- B. Mongolia
- C. UAE
- D. Maldives

**ANSWER: B**

**17. INS Ranjit Is A**

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

**ANSWER: A**

**18. Chisinau Is The Capital Of**

- A. Mexico
- B. Qatar
- C. Germany
- D. Moldova

**ANSWER: D**



**19. Anti-Submarine Warfare School Is Located At**

- A. Lonavala
- B. Coimbatore
- C. Ezhimala
- D. Kochi

**ANSWER: D**

**20. The Motto of The Indian National Army (INA) Was**

- A. Unity and Discipline
- B. Unity, Faith, Sacrifice
- C. Do or Die
- D. Service before self

**ANSWER: B**