



# The ACHIEVERS IAS ACADEMY

LANGUAGE - ENGLISH

## CURRENT AFFAIR BOOSTER

13 - 12 - 2022

TUESDAY



### THE ACHIEVERS IAS ACADEMY

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# DAILY

# CURRENT AFFAIRS

# &

# QUIZ



UPSC / BPSC

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## 1. isro successfully tested air breathing engine scramjet engine



The Indian Space Research Organization (ISRO) successfully test-fired the scramjet engine on 28 August 2016. It is also known as Supersonic Combustion Ramjet Engine. This engine was launched from Sriharikota Satish Dhawan Space Center in Andhra Pradesh. Scientists say that this engine will be used at hypersonic speed (faster than the speed of sound) in the Reusable Launch Vehicle (RLV). With this test, India has equaled NASA, Russia and European Union. The weight of this scramjet engine is 3,277 kg. The rocket was sent 20 kilometers above the ground. There the engine took oxygen from the atmosphere for 5 seconds to burn the liquid hydrogen fuel. After this it fell into the Bay of Bengal. When this technology is fully developed, satellites of large size can be launched even from small vehicles. The Air Breathing Propulsion System (ABPS) fills fuel in the rocket by taking oxygen from the atmosphere itself, which makes its functioning even easier. Oxidizing agents are used as the fuel of the current engine rocket, which makes the vehicle heavy and its cost is also high. The ATV is a two-stage launcher powered by a solid motor, and uses a Rohini RH 560 sounding rocket. This three ton sounding rocket is based on the Arch-560 supersonic combustion ramjet.

## 2. 4 categories of Jamnalal Bajaj Award for the year 2022 announced \_



Four people, including Nilesh Desai, have been honored with the 44th Jamnalal Bajaj Foundation Award for their efforts to transform the lives of two lakh families in Madhya Pradesh's five districts, including Jhabua, through an integrated rural development programme. Well-known scientist Raghunath Mashelkar, who was present as the chief guest in the program, gave ten lakh rupees as prize to all the winners. Awarded with trophy and certificate. On behalf of the Foundation, celebrities who have done remarkable work in various fields are honored by giving this award every year. This award is mainly given in four categories. This time Nilesh Desai has been honored for his excellent work in the field of creative work in the first category of the award. Mansukh Bhai Prajapati of Gujarat has been awarded for the application of science and technology for rural development in the second category. In the third category, Sophia Shaikh of Odisha has been honored for her remarkable contribution in the field of development and welfare of women and children. While in the fourth category Dr. of Lebanon for promoting Gandhian values outside India. Ogrit Yonan and Dr. Waleed Slaby have been honored. Two lakh families benefited from Desai's work Before the ceremony, Nilesh Desai said in a conversation with Dainik Bhaskar that I started my social

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work in Jhabua district through public participation to liberate tribals from exploitation and to improve their standard of living. Of. First of all, I removed the water crisis here. Then by starting the Gram Kosh here, he freed the Bhil tribals from the clutches of the moneylenders. For education, I started the first night schools in the area.

### 3. Kochi Airport, the country's largest commercial jet terminal



The Kochi airport will become the fourth airport in the country to operate a business jet terminal when Chief Minister Pinarayi Vijayan will launch the gateway on Saturday. The business jet terminal, which will handle charter operations, will also be the largest in the country, covering an area of 40,000 sq ft. Last year alone, the Kochi airport handled over 700 business jets, an airport official said. handled, which is important as the aviation sector has not fully recovered from the crisis post the pandemic. "We are eyeing good business during the IPL auction and the G20 meeting later this month," he said. The IPL auction will be held in Kochi later this month, while the port city is also set to host a ministerial meeting ahead of the 2023 G20 Leaders' Summit. Operated by the Cochin International Airport Limited (CIAL), The gateway will serve as a platform to integrate international and domestic business jet services, tourism and

business meetings. facilities such as an exclusive private car parking space at the entrance, a drive-in porch, a grand lobby, five comfortable lounges, a business centre, check-in, immigration, customs, health and security systems, duty free shop, a foreign Huh. exchange counter and a state-of-the-art video conferencing system. In addition, a 'Safe House' has also been built for high-security VIP guests. The concept of relatively low-cost business jet travel with ultramodern facilities would be realized with the opening of this terminal, as the cost of production was minimal. Keeping in view the future of aviation sector, CIAL has planned several projects and ventures. Will serve as a platform to integrate tourism and business meetings. facilities such as an exclusive private car parking space at the entrance, a drive-in porch, a grand lobby, five comfortable lounges, a business centre, check-in, immigration, customs, health and security systems, duty free shop, a foreign Huh. exchange counter and a state-of-the-art video conferencing system. In addition, a 'Safe House' has also been built for high-security VIP guests. The concept of relatively low-cost business jet travel with ultramodern facilities would be realized with the opening of this terminal, as the cost of production was minimal. Keeping in view the future of aviation sector, high-security VIP guests.

### 4. Former Vice President Venkaiah Naidu honored with 25th Shri Chandrasekharendra Saraswati National Excellence Award

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Former Vice President Venkaiah Naidu has been conferred with the 25th Shri Chandrasekharendra Saraswati National Excellence Award. Speaking on the occasion in Mumbai, former Vice President Venkaiah Naidu said that the award is given to inspire others to work together. Criticizing the feudal trend, Shri Naidu said that Indian civilization flourished because of the belief in Vasudhaiva Kutumbakam. He also said that the world is looking at India and our country has been recognized all over the world. He also said that if India follows its traditions, it can once again become a Vishwa Guru. Kerala Governor Arif Mohammed Khan, leading industrialist Ratan Tata, cardiologist and Padma Vibhushan Dr. Marthanda Varma, among other categories. Sankaran Vellianathan,

## 5. Deepika Padukone first global actor to unveil FIFA World Cup trophy



Bollywood actress Deepika Padukone has got a big responsibility in the ongoing FIFA World Cup Qatar 2022 in Qatar. As per reports, the

Bollywood actress has given her fans a chance to feel proud. Because he has been entrusted with the responsibility of unveiling the trophy at the final of the FIFA World Cup, the most watched sports event in the world. Let us tell you that FIFA World Cup 2022 is going on in Qatar with full swing. The final match will be played on 18 December. Confirming this to News18, a source close to the actress told that Deepika Padukone will unveil the final trophy of the ongoing FIFA World Cup in Qatar. Sources said that Deepika will soon go to Qatar to be a part of the Football Mahakumbh and unveil the FIFA World Cup trophy in front of a packed stadium on the final day. Deepika represented India at the prestigious Cannes Film Festival earlier this year. She joined the jury members of the 75th Festival de Cannes. That moment was very special for Deepika's fans. Everyone was feeling very proud of the actress. Upcoming movies of the actress Talking about it, Deepika Padukone will soon be seen in 'Pathan' alongside Shah Rukh Khan and John Abraham. It is one of the most awaited movies of Bollywood which will hit the theaters in January next year.

## 6. United Arab Emirates successfully carried out the first Chandrayaan Rashid



United Arab Emirates (UAE) successfully launched Rashid Moon Rover. This is his first mission on the lunar surface. According to the

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Mohammed bin Rashid Space Center (MBRSC) in Dubai, the Rashid rover will provide highly valuable data, images, as well as collect scientific data on matters related to the origin of the solar system, our planet and life. The UAE-built Rashid rover was on board a Japanese lunar lander Hakuto-R aboard a SpaceX Falcon 9 rocket from Cape Canaveral Space Force Station in Florida, US. UAE Vice President and Prime Minister Sheikh Mohammed bin Rashid Al Maktoum tweeted after the launch that "The Rashid rover is part of the UAE's ambitious space programme, starting from Mars, moving towards the Moon and soon reaching Venus. Our The next step is bigger and higher. MBRSC signed an agreement with the China National Space Administration in September for joint space exploration, including sending the next UAE rover to the Moon aboard Chang'e-7. Which is planned to be projected in 2026.

## 7. Three medicinal plants of Himalayas included in IUCN Red List



There is a treasure of life-giving herbs on the Himalayan mountain. Even today, most of the medicines used for treatment in Ayurveda are being produced in the lap of the Himalayas, but many herbs have become extinct due to climate change. Recently, the International Union for Conservation of Nature has also added 3 medicinal plants found in the

Himalayas to its red list. The names of these 3 medicinal plants are Mesotropis pelita, Fritillaria cirrhosa and Dactylorhiza hatagirea. In an article, we will tell you how important these herbs are for human health, where these plants grow and why they are on the verge of extinction. Mesotropis pelita, Fritillaria cirrhosa and Dactylorhiza hatagirea, included in the IUCN Red List, consider Mesotropis pelita to be rich in medicinal properties. Know here what are their benefits. Fritillaria cirrhosa (Himalayan fritillary) – It is an evergreen bulbous herb. Based on the research done in 22 to 26 years, a 30 percent decline has been recorded in the availability of these herbs. The reason for this decline is poor germination capacity, high trade value, large scale felling of trees and illegal trade. In view of all these challenges, the IUCN has added the Himalayan Fritillary to the Red List. In China, this herb is used for diseases such as bronchial disorders and pneumonia. In traditional Chinese medicine, it has also been described as a medicine for cough and infection. On the other hand, Dactylorhiza hatagirea (Salampanja) is also threatened by deforestation, climate change and livestock grazing. In Ayurveda, this herb is used in the treatment of dysentery, fever, cough and colic. This herb is not only found in India, but also in Afghanistan, Bhutan, China, India,

## 8. Bobby Keen becomes first transgender councilor of Municipal Corporation of Delhi

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The counting of votes for the Delhi Municipal Corporation elections is underway. In the latest report, Aam Aadmi Party is seen getting majority. On the other hand, Bobby Kinnar has won from the famous Delhi Sultanpuri A ward number 43. In this match, Bobby Kinnar has defeated BJP's Ekta Jatav. There are many such seats in the 250 wards of MCD which have been in limelight. One of these, Delhi Sultanpuri Ward No. 43, was widely discussed, because the Aam Aadmi Party fielded the only eunuch candidate from here in the MCD election field. Bobby Kinnar will be the first member in the history of Municipal Corporation of Delhi who is reaching the house of Municipal Corporation of Delhi. That is, for the first time a transgender community will represent a ward. 38-year-old Bobby Kinnar has also been an office-bearer in several organizations associated with the Delhi unit of the Aam Aadmi Party. Apart from this, she has been a very active worker. Bobby was greatly inspired by the Anna movement and since the formation of the Aam Aadmi Party, she was working with it. Surely this will be a victory affecting not only Bobby Kinnar but also the image of the Aam Aadmi Party. As soon as the counting of votes for the Municipal Corporation of Delhi elections started at 8 am, there were indications of a big upset. When the BJP had taken a lead in the initial trends, but

according to the exit poll results of all the wards, the Aam Aadmi Party is seen moving towards the largest party and majority. Along with the Delhi government, the Aam Aadmi Party will now have a government in the MCD as well. From the lowest unit, there will be a mayor of Aam Aadmi Party, who will now have a big responsibility on his shoulders to improve the basic facilities of the capital. As soon as the counting of votes for the Municipal Corporation of Delhi elections started at 8 am, there were indications of a big upset. When the BJP had taken a lead in the initial trends, but according to the exit poll results of all the wards, the Aam Aadmi Party is seen moving towards the largest party and majority. Along with the Delhi government, the Aam Aadmi Party will now have a government in the MCD as well. From the lowest unit, there will be a mayor of Aam Aadmi Party, who will now have a big responsibility on his shoulders to improve the basic facilities of the capital. As soon as the counting of votes for the Municipal Corporation of Delhi elections started at 8 am, there were indications of a big upset. When the BJP had taken a lead in the initial trends, but according to the exit poll results of all the wards, the Aam Aadmi Party is seen moving towards the largest party and majority. Along with the Delhi government, the Aam Aadmi Party will now have a government in the MCD as well. From the lowest unit, there will be a mayor of Aam Aadmi Party, who will now have a big responsibility on his shoulders to improve the basic facilities of the capital.

## ONE LINER

**Which company has become the first company in India to get BIS certification for**

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selling indigenously manufactured lithium - ion cells - **Godi India** \_ \_ \_ \_ \_

Who has won the title of Women's Air Pistol National Championship in the National Shooting Championship Competitions (NSCC) 2022 - **Divya TS**

Which space agency has launched the world's first commercial lunar lander - **iSpace ( Japan )**

' RRR ' music composer MM Keeravani has won which award of the Los Angeles Film Critics Association - **Best Music Score Award**

Who has won the National Title in the Men's 25m Center Fire Pistol event at the National Shooting Championship Competitions (NSCC) 2022 - **Vijay Kumar**

How many Regional Cultural Centers have been established by the Ministry of Culture for the development of Arts , Culture and Crafts across the country ?- **07**

Who has recently been named the interim CEO of New York - based international publishing group Penguin Random House - **Nihar Malviya**

The Ministry of Tourism of the country has set up 24x7 multilingual tourist information - helpline , in how many languages including 10 international languages - **12**

## QUIZ

**1. When is UNICEF Day celebrated every year?**

- (a) 3 December
- (b) 7th December
- (c) **11 December**
- (d) 13 December

Explanation - : Every year on 11 December, UNICEF Day is celebrated. UNICEF was formerly known as the United Nations International Children's Emergency Fund, but is now officially known as the United Nations

Children's Fund. After World War II, the United Nations established the International Children's Emergency Fund to provide humanitarian assistance for the well-being of children whose futures were at risk. The organization also protects child rights and helps them reach their full potential.

**2. Which state has become the first state in India to launch its own climate change mission?**

- (a) Kerala
- (b) Gujarat
- (c) Himachal Pradesh
- (d) **Tamil Nadu**

Explanation - :Tamil Nadu will be the first state in India to set up its own climate change mission. For this, the Tamil Nadu government launched the Green Tamil Nadu Mission in September last year and the Tamil Nadu Wetlands Mission in August this year. The State Climate Action Plan will be implemented through a special purpose vehicle, the Tamil Nadu Green Climate Company (TNGCC).

**3. Which city organized the Universal Health Coverage (UHC) Day 2022?**

- (a) Ahmedabad
- (b) **Varanasi**
- (c) Bhopal
- (d) Bangalore

Explanation - :The Union Ministry of Health and Family Welfare has hosted a two-day National Conference on Universal Health Coverage in Varanasi. At its inaugural function, Dr. Mansukh Mandaviya, Union Minister of Health and Family Welfare introduced the operational guidelines for AB-HWC and Tele-Manas as well as training modules for CHO and SASHTT site. He also appreciated the best performing States/UTs.

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**4. With which country has RBI recently signed currency swap agreement?**

- (a) Japan
- (b) Sri Lanka
- (c) Maldives
- (d) Bangladesh

Explanation - :The Reserve Bank of India (RBI) has entered into a currency swap agreement with the Maldives Monetary Authority (MMA), under the SAARC Currency Swap Framework. Through this facility RBI allows MMA to draw funds from RBI in different tranches up to a maximum of USD 200 million.

**5. In which state the 9th World Ayurveda Congress (WAC) and Arogya Expo 2022 were inaugurated?**

- (a) Goa
- (b) Gujarat
- (c) Bihar
- (d) West Bengal

Explanation - :The 9th World Ayurveda Congress (WAC) and Arogya Expo 2022 were organized in Panaji, Goa. Through this, the efficacy of AYUSH medical systems was demonstrated at the global level. The third issue of 'Ayushman Comic Book Series' was also released on the same day. Also the All India Institute of Ayurveda (AIIA) and the European Academy of Ayurveda of Rosenberg, Germany have signed an MoU for advanced studies in traditional Indian medicinal systems.

**6. Which player has won Gold in Women's Air Pistol at the 65th National Shooting Championship, 2022?**

- (a) Culture Bana
- (b) Divya TS
- (c) Manu Bhaker
- (d) Rhythm Sangwan

Explanation - :Karnataka's shooter Divya TS won the women's 10m air pistol by defeating Sanskriti Bana of Uttar Pradesh 16-14 in the gold match at the 65th National Shooting Championship (65th NSCC) at MP Academy Shooting Range in Bhopal today. Won his first National Championship. Haryana's Rhythm Sangwan won bronze medal in pistol events.

**7. Which leader has been honored with the SIES Award on December 11, 2022?**

- (a) Nirmala Sitharaman
- (b) Ramnath Kovind
- (c) Piyush Goyal
- (d) Venkaiah Naidu

Explanation - :Former Vice President Venkaiah Naidu has been conferred with the 25th Shri Chandrasekharendra Saraswati National Eminence Award (SIES). Former Vice President Venkaiah Naidu said at an event in Mumbai yesterday that the award is meant to inspire people to work hard in whatever profession they choose.