



# The ACHIEVERS IAS ACADEMY

LANGUAGE – ENGLISH

# DAILY CURRENT AFFAIR

28 - 12 - 2022

WEDNESDAY



## THE ACHIEVERS IAS ACADEMY

Patliputra Colony, Near Tennis Court; Patna, Contact : 8434931877, 7250667974

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# DAILY CURRENT AFFAIRS

# & QUIZ



UPSC / BPSC

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# THE ACHIEVERS IAS ACADEMY

## 1. Red alert issued in America and Canada due to snow storm ' Bum Cyclone ' \_



The snow storm has reached America. 18 people have died due to this "bomb cyclone". Icy winds are blowing with snow across the US. In this situation, 5200 flights have been canceled in America. According to the information, airlines across the country have canceled about 5200 US flights till Saturday afternoon. Due to which thousands of people going on holiday have been disappointed. Airlines have canceled these flights in view of the snow storm. Let us tell you that snowy winds are blowing with snow all over America. Havre, Montana, near the Canadian border recorded a low of minus 39 degrees Celsius. plane, Transport services including rail have been disrupted. Vehicles are stuck in snow at many places. Apart from this, many flights have been canceled. Thousands of Americans are stranded at airports. 200 million people i.e. about 60 percent of the country's population are facing the chilling cold. A red alert has been issued for the storm across America. The energy system of the country has collapsed. Transmission lines have been damaged by the storm. More than 20 lakh homes have lost power. Bomb cyclone causes snow storms to severe thunderstorms and heavy rainfall. A cyclone can form when cold air collides with warm air. This process is called Bamogenesis. Bomb cyclones are usually seen during winter, because these cyclones are formed due to the meeting of cold and warm air. bomb cyclone northwest atlantic, They form over the northwestern Pacific and occasionally over the Mediterranean Sea. John Moore, a

meteorologist with the National Weather Service, said the bomb cyclone formed when cold Arctic air in the Great Lakes region met with much warmer air to the east.

## 2. Delimitation introduced in the state of Assam by the Election Commission of India



That it has started delimitation of assembly and parliamentary constituencies in Assam and the 2001 census data will be used for adjustment of seats. The commission said that the formation of new administrative units in the state has been banned with effect from January 1, 2023, till the process is completed. The commission said that under the provisions of the Delimitation Act, 1972, the final delimitation of constituencies in Assam was done in 1971. It was effected by the then Delimitation Commission in 1976 on the basis of census data. The move to reallocate Assam's assembly and parliamentary seats as per Section 8A of the Representation of the People Act, 1950, has been initiated following a request from the Union Law Ministry. Delimitation is the process of determining the boundary or boundaries of territorial constituencies in a country or state with a single legislative body. The Election Commission said in a statement, "The commission, headed by Chief Election Commissioner Rajeev Kumar and Election Commissioners Anup Chandra Pandey and Arun Goel, has directed the Chief Electoral Officer of Assam to complete work on creation of new administrative units from January 1, 2023 till the delimitation exercise is completed in the state. Take up the matter with the state government to impose a ban." The tenure of the current Assam

# THE ACHIEVERS IAS ACADEMY

Legislative Assembly will end on May 20, 2026. The state currently has 14 Lok Sabha, 126 Vidhansabha and seven Rajya Sabha seats. Democratically everyone gets equal opportunity in the electoral process. Population fluctuates geographically over time. In this situation, everyone can be represented in some form, Therefore the constituency is redrawn. The delimitation process is important in dividing the constituencies correctly according to the increasing population. Its purpose is also that every class of local citizen should get equal opportunity of representation. During delimitation, reserved seats are also determined to safeguard the interests of Scheduled Castes, Scheduled Castes and Scheduled Tribes.

### 3. Artificial heart made by IIT Kanpur



IIT Kanpur and the team of selected cardiologists of the country have done wonders. He has succeeded in making the world's cheapest and most modern artificial heart. It will have an animal trial in May 2023. Clinical trials on humans will start one year after that. If all goes well, it will be available for heart-bowel transplant in 2025. Its cost will be a maximum of 10 lakh rupees. So far, only two American companies are making artificial hearts in the world, which cost around Rs 1.50 crore. IIT scientist Mandeep, a member of the research team, said – The biggest challenge was to make a maglev drive. This is the most expensive part of the artificial heart. A Swiss company makes it for America, whose cost is 80 lakh rupees. We have prepared this drive at a very low cost. We have named the whole device as Hridayantrahna. Its

technology has evolved. By April, by giving it the form of a device, we will do animal trials in May. The trial will be on cow-buffalo or foreign pig. After that there will be a human trial and in 2025 the heart of IIT will start saving lives. In 2021, the director of IIT Kanpur, Prof. Under the direction of Abhay Karandikar, Head of the Department of Bioscience and Bio Engineering, Prof. Work on the artificial heart began under the supervision of Amitabh Bandopadhyay. Scientists in the committee He is a doctor and an alumnus. The research began in collaboration with Narayana from Bengaluru and cardiologists from KGMU. Technology of artificial heart developed after 19 months. Mandeep told that there are two phases of this research. The first phase of the technology is complete. The world's first artificial heart was made in the US in 2017. Then it was effective for two to six months. It has been made better. The artificial heart launched in 2019 is effective for two years.

### 4. Lovlina and Nikhat Zareen won gold medals in the National Women's Boxing Championship



Tokyo Olympics bronze-medallist Lovlina Borgohain and defending world champion Nikhat Zareen won gold medals in the finals of the Elite Women's National Boxing Championships here on Monday, while the Railway Sports Promotion Board (RSPB) won the team trophy with 10 medals. . Assam's Lovlina defeated Arundhati Chowdhary of Army Sports Promotion Board (SSCB) 5-0 in the 75kg final, while Nikhat faced a tough fight from RSPB's Anamika in 50kg. However, he defended his title

# THE ACHIEVERS IAS ACADEMY

with a 4–1 decision. Whereas, World Championship silver medalist Manju Rani led the RSPB's dominance on the last day of the competition. He defeated Tamil Nadu's S Kalaivani 5-0 in the 48 kg final. Shiksha (54kg), Poonam (60kg), Shashi Chopra (63kg) and Nupur (81kg) became the other RSPB gold medalists. RSPB also won three silver and two bronze medals. The silver medal of the championship went to Madhya Pradesh (one gold, two silver and five bronze) and the bronze medal to Haryana (two gold and two bronze medals). Boxer Sanamacha Chanu, who won the gold medal in the Youth World Championship 2021, represented Madhya Pradesh in the 70 kg category. Defeated Shruti Yadav 3-2. Haryana's Manisha (57kg) and Sweety (81kg), SSCB's Sakshi (52kg), Madhya Pradesh's Manju Bamboriya (66kg) also won gold medals in their respective categories in the tournament. 302 boxers participated in 12 categories in this competition. Haryana's Manisha (57kg) and Sweety (81kg), SSCB's Sakshi (52kg), Madhya Pradesh's Manju Bamboriya (66kg) also won gold medals in their respective categories in the tournament. 302 boxers participated in 12 categories in this competition. Haryana's Manisha (57kg) and Sweety (81kg), SSCB's Sakshi (52kg), Madhya Pradesh's Manju Bamboriya (66kg) also won gold medals in their respective categories in the tournament. 302 boxers participated in 12 categories in this competition.

## 5. Eklavya Award for the year 2022 given to cyclist Swasti Singh



International cyclist Swasti Singh will be honored with the prestigious 30th Eklavya Puraskar for the

year 2022. The Eklavya Award Committee, comprising jury members from different walks of life, unanimously selected Swasti for the prestigious award at a meeting held in Bhubaneswar on Sunday. Mercurial Cyclist Swasti has won two gold and as many medals at the national level. Swasti, who has represented the state in several national events and is credited with the best individual talent from April 1, 2020 to March 31, 2022, has emerged as the clear winner this year. A cash prize of Rs 5 lakh along with a citation will be given at the Eklavya Award ceremony to be held under Two other sportspersons will also be honored for their notable performances in various international and national level tournaments in their respective fields. Promising international footballer Pyari Zaksa and budding international hockey player Shilanand Lakra will also be honored on the occasion. Both have been awarded a- A cash prize of Rs one lakh will be given. 50,000 with each quote. The date for the Eklavya Awards ceremony will be announced later. Eklavya Awards instituted by IMPACT, the charitable arm of IMFA, the leading Ferro Alloys producer in the country, in the year 1993, has come a long way to be recognized as the most prestigious sports award of Odisha. has traveled, which draws parallels with many national Awards. A glance at the career graph of the past several awardees confirms that over the years, It has been a moral booster for the best sporting talents in the state. The award is given every year to young sportspersons from Odisha for their outstanding performance over the past two years. Announcing the names of the award winners, Baijayant Panda, Chairman, Eklavya Award Committee and Trustee of IMPACT said, "IMPACT is a massive It has been continuously striving to recognize and promote excellence in sports and literature besides contributing to the general welfare of the society. Eklavya Puraskar instituted to encourage and inspire young sportspersons to

# THE ACHIEVERS IAS ACADEMY

perform at national and international levels has gone.

## 6. India's first surety bond insurance launched by Road and Transport Minister Nitin Gadkari



Gadkari said that the new surety bond insurance instrument will improve the capital, liquidity and capacity with the companies and this will benefit the entire sector. This will become a shield in the field of construction and infrastructure in the development of the country. With this, not only will the construction projects be completed on time, but the pace of development of the country will also increase. For the first time, Bajaj Allianz's 'Surety Bond Insurance' has been issued under an insurance scheme to guarantee timely completion of government schemes. These bonds, issued by Union Road Transport and Highways Minister Nitin Gadkari, have now come as an alternative to traditional bank guarantees. This will reduce the risk of the producer company and will strengthen the pace of progress of the country. According to the information, the producer companies have got the option of bank guarantee for the first time. Now the capital tied up in bank guarantee will serve as working capital. Launching the country's first 'surety bond insurance', Nitin Gadkari said that India is on the way to make a 5 trillion economy and fulfill the dream of Prime Minister Narendra Modi. In this way, this insurance will play an important role. To make this dream a reality, it is necessary that we complete our infrastructure projects sooner, faster and on time. Especially our roads, highways and other important projects. Gadkari said that the new surety bond insurance

instrument will improve the capital, liquidity and capacity with the companies and this will benefit the entire sector. This will become a shield in the field of construction and infrastructure in the development of the country. With this, not only will the construction projects be completed on time, but the pace of development of the country will also increase.

## 7. Anil Kumar Lahoti appointed as Chairman and CEO of Railway Board \_\_

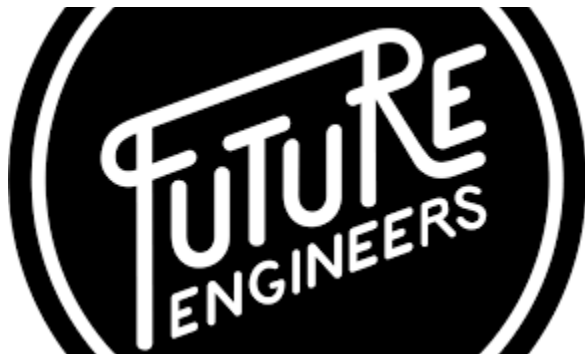


The youngest son of the Lahoti family, originally from the city, has been appointed as the Chairman and CEO of the Railway Board. Till now he was working as a member of the Infrastructure Committee of the Indian Railway Board. He has been made the chairman from January 1. Let us tell you that many members of the city's Lahoti family have worked on high positions in the country. His elder brother Rameshchandra Lahoti was the CJI of the country. Eldest brother Ramniwas Lahoti was the Chief Engineer of Irrigation in Madhya Pradesh. Another brother GK Lahoti is a reputed doctor of the city and runs a private hospital. KK Lahoti has retired from the post of Justice of the High Court, Jabalpur. The order of his appointment on December 24, Secretariat, Issued by the Government of India. Appointment Committee Secretary Deepti Umashankar has issued the order for his appointment. He will work as the Chairman and CEO till further orders. Anil Kumar Lahoti has done many important things while in office. He has played a key role in planning to develop New Delhi Railway Station as a world class station. This includes commercial development of land and

# THE ACHIEVERS IAS ACADEMY

airspace and public private sector development. They have also planned and constructed a new directional terminal towards Anand Bihar. To reduce congestion in Delhi, he has done important work in the development plan of Anand Vihar and the second entrance of New Delhi station. He worked as Administrative Officer (Construction), Chief Engineer (Construction) in Railways for new lines, doubling,

## 8. Training for future engineer program will be organized by Ministry of Tribal Affairs and Nest Amazon



Face-to-face training will be given to 54 Eklavya Model Residential Schools (EMRS) teachers from 6 states. The training course modules include introduction to computer science, introduction to coding, logical sequencing, learning loops, block programming using open source platforms like code.org, class chat sessions to discuss the tech space and various technology initiatives, etc. The program will be launched in about 54 schools in 6 states viz. Andhra Pradesh, Gujarat, Madhya Pradesh, Odisha, Rajasthan and Telangana. These schools have digital infrastructure including computer labs and continuous internet connectivity. These teachers of Eklavya schools have been given data-coding skills for tribal and students, Brief information about simple computational skills and computer science education will be given. Here students' preparedness for modern information technology and careers will be strengthened. In Phase I, YMCA Auditorium, A two-day face-to-face training

workshop will be organized in New Delhi on 28 and 29 December 2022. According to the Union Ministry of Tribal Affairs, the Amazon Future Engineer (AFE) - CSR program aims to prepare students for higher education and a productive career in computer science. To develop students' interest in research. It also provides necessary resources and support to teachers to create awareness and learn about computer science. National Education Society for Tribal Students (NETS) is taking this initiative. Amazon in collaboration with the Learning Lynx Foundation (LLF) is supporting the implementation of the Future Engineers Program (CSR Program). For this, a two-day face-to-face capacity building program is being organized for EMRS teachers.

### ONE LINER

Which union minister has launched the official calendar of the Government of India for 2023 -

**Anurag Thakur** \_

Which sport has been recognized as mainline sport by the Government of India - **e - sports**

Who has been appointed as the new Ambassador of Oman to India – **Issa Saleh Abdullah Al Shibani**

Who has been elected the President of the Indian Oil Officers Association - **Sanjay Singh**

Which country has recently issued a special postage stamp in honor of the 75th anniversary of India 's independence - **Serbia**

Honored with the first ' KR Gauri Amma National Award ' , Aleida Guevara is a resident of which country - **Cuba**

To improve urban services in Tamil Nadu , with whom has the Government of India contracted for a loan of \$ 125 million - **Asian Development Bank ( ADB )**

### QUIZ

1. Which startup has launched a carbon footprint sensitizing app

(a) **MyPlan 8**

# THE ACHIEVERS IAS ACADEMY

- (b) Digital Green
- (c) device earth
- (d) Zunroof

Explanation - : Startup firm ' Myplan8 ' has recently launched an app to sensitize people about their carbon footprint and help them reduce carbon emissions . \_ \_ This app is generated due to daily activities of people . will help track the carbon footprint to be . \_ \_ The startup aims to register 100 million people in Myplan8 . \_ \_ Carbon footprint " refers to the total amount of CO2 emissions produced by an individual or organization . "

**2. Who among the following has become the second batsman in the world to score a double century in his 100th Test ?**

- (a) Joe Root
- (b) Ben Stroh
- (c) Kane Williamson
- (d) David Warner

Explanation - : Australia 's star opener David Warner has become the second batsman in the world to score a double century in his 100th Test , along with England batsman Joe Root has joined an exclusive club . David Warner in his 100th Test \_ He has also become the 10th player in the world to score a century . He has become the second Australian batsman after Ricky Ponting to achieve this feat . \_ \_ Also , he has also become the eighth Australian player to complete 8,000 Test runs . \_

**3. Who has been honored with the first ' KR Gauri Amma National Award ' ?**

- (a) Bondita Acharya
- (b) Elida Guevara
- (c) Albertina Almeida
- (d) Iqbal Ahmed Ansari

Explanation - : First KR Gauri Amma National Award has been announced. This award has been given to Cuban social activist Dr. Aleida Guevara. This award has been instituted by R Gowri Amma Foundation. Dr. Elida Guevara is a Cuban human rights activist who runs two homes for children

with disabilities in Cuba. This award was started in the memory of KR Gauri Amma.

**4. To improve the urban services of which state , the Government of India has signed an agreement with ADB for a loan of \$125 million ?**

- (a) Tamil Nadu
- (b) Uttar Pradesh
- (c) Madhya Pradesh
- (d) Kerala

Explanation - : The Government of India and the Asian Development Bank ( ADB ) have signed a \$ 125 million loan to develop climate - resistant sewage systems and water drainage systems and water supply systems in three cities in the state of Tamil Nadu . With its help , 529 km in Coimbatore Two sewage treatment plants will be developed with long sewage collection pipelines . \_ \_ Along with this , 14 km sewage pumping main will also be constructed . ADB was established in 1966 . \_ \_ It is headquartered in Manila ( Mandaluyong ) , Philippines .

**5. Who has been elected the President of the Indian Oil Officers Association ?**

- (a) Anil Saxena
- (b) Kuldeep Singh Rana
- (c) Sanjay Singh
- (d) Rituraj Baruah

Explanation - : Indian Oil Officers Association ( IOOA ) today announced that Sanjay Singh has been elected All India President of Indian Oil Officers Association in the recently concluded office bearers election . He holds a chemical engineering degree from IIT - Roorkee . that in December 1981 Joined IOC as Trainee Engineer . \_ \_ \_ \_ Apart from these , Rituraj Baruah has been elected as the Vice President and Anoop Singh as the General Secretary .

**6. Which country has recently issued a special stamp in honor of the 75th anniversary of India 's independence ?**

- (a) Russia
- (b) Serbia
- (c) Spain

# THE ACHIEVERS IAS ACADEMY

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(d) Argentina

Explanation - : The Serbian Postal Department has recently issued a special stamp in honor of the 75th anniversary of India 's independence ( AzadiKaAmritMahotsav ) . The presence of the First Deputy Prime Minister and Foreign Minister of Serbia it has been issued . Indian Embassy in Serbia Has given this information through a tweet . \_ Serbia is a landlocked country in Southeast Europe whose capital is Belgrade . \_

**7. With whom NTPC has signed an MoU for the development of facility for commercial production of ' Green Methanol ' ? \_**

(a) Maier Technimont Group

(b) Tata Power

(c) Lettuce Grow

(d) Blue Apple

Explanation - : India 's largest power generation company NTPC has signed an MoU with Italy 's Maire Tecnimont Group to develop and evaluate a facility for commercial production of ' Green Methanol ' . \_ green methanol , one of the methanol It is a form that is produced renewably and without polluting emissions . Green methanol is a better option for marine transport . \_

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