

## **1. National Health Authority and Google Tie up for Ayushman Bharat Implementation**

- The National Health Authority (NHA) has joined hands with Google to collaborate and strengthen the implementation of the government's flagship health scheme, Ayushman Bharat-Pradhan Mantri Jan Arogya Yojana (AB PM-JAY).
- The two organizations will be working closely to explore various user cases for increasing process efficiencies in day-to-day applications.
- Google will also support NHA in improving PM-JAY's digital presence and showcasing relevant content to the 50 crore entitled beneficiaries.
- In addition, Google will also help provide training and support to NHA personnel to build on digital skills.
- The collaboration will seek to bolster PM-JAY's objective of reaching the poor and vulnerable, reducing their high out-of-pocket health expenditure, and improving access to quality healthcare.

Note:

- NHA is the programme implementing authority of the world's largest public-funded health insurance scheme "Ayushman Bharat-Pradhan Mantri Jan Arogya Yojana (AB PM-JAY).
- NHA's CEO: Indu Bhushan

## **2. India's first e-waste clinic to be set up in Bhopal**

- The Bhopal Municipal Corporation (BMC) and the Central Pollution Control Board (CPCB) have joined hands to set up the country's first e-waste clinic in Bhopal.
- It would enable segregation, processing, and disposal of waste from both household and commercial units.
- The clinic is a three-month pilot project, if successful, would be replicated elsewhere in the country.
- Electronic waste will be collected door-to-door or could be deposited directly at the clinic in exchange for a fee.

## **3. India-Kazakhstan joint military exercise begins**

- KAZIND-2019, the fourth joint military exercise between India and Kazakhstan that began on 03rd October in Pithoragarh, Uttarakhand.
- The exercise was inaugurated by Brig SK Mandal, Commander of the 111 Independent Infantry Brigade.
- According to military officials, this joint exercise will enhance defence cooperation between the two countries as well as strengthen bilateral relations.
- The soldiers of both the countries involved in KAJIND-2019 will be trained in counter-insurgency, counter-terrorism operations in forests and hilly areas.
- Along with this, there will be important lectures, demonstrations, and exercises related to counter-terrorism operations during military exercises.
- The first exercise took place in Kazakhstan in the year 2016. Till now two maneuvers took place in Kazakhstan while one in Shimla. This is the fourth joint maneuver.

- In this, the soldiers will be mainly taught the tricks of dealing with terrorists in crowded areas without any damage.

#### **4. Indo Mongolian Joint Exercise Nomadic Elephant- XIV started**

- 14th edition of Indo – Mongolian joint military training, Exercise Nomadic Elephant– XIV started on 5th October.
- The exercise will be conducted from 05 to 18 Oct 19 at Bakloh. In this exercise, the Indian Army is being represented by a battalion of the RAJPUTANA RIFLES Regiment.
- Nomadic Elephant – XIV is the fourteenth edition between the two nations aimed at training troops in counter-insurgency & counter-terrorism operations under the United Nations mandate.
- The joint exercise will enhance defence co-operation and military relations between the two nations.

#### **5. Novak Djokovic won first Japan Open title in Tokyo**

- World number one Novak Djokovic won his first Japan Open title and the 76th of his career by defeating Australian John Millman in the final in Tokyo.
- It was a triumphant return to the tour for Djokovic, who had withdrawn from the U.S. Open in the fourth round due to a shoulder injury
- It was the 10th time Novak Djokovic had won a title on his tournament debut.
- Djokovic has already qualified for next month's season-ending ATP Finals in London.

#### **7. Naomi Osaka won China Open by defeating world number one Ashleigh Barty**

- Naomi Osaka won the china open tennis tournament by defeating world number one Ashleigh Barty of Australia on 6th October 2019.
- Two-time Grand Slam champion Naomi Osaka emerged victorious after 110 minutes in chilly Beijing, 3-6, 6-3, 6-2.
- This was the third title of 2019 for Osaka and fifth in her short career.

#### **8. Christine Wolf clinches Hero Indian Women's Open golf title**

- Austria's Christine Wolf clinched her maiden Indian Women's Open golf title on 6th October 2019 in Gurugram, Haryana.
- It was Christine's first title after six years on the Ladies European Tour.
- Norway's Marianne Skarpnord finished as runner-up while England's Meghan MacLaren finished third in the competition.
- Among the Indians, amateur Anika Varma finished fifth at 285 while highest-ranked home-grown professional Tvesa Malik (72) remained at sixth position.

#### **9. Harmanpreet Kaur becomes first Indian to play 100 T20Is**

- Indian women cricketer Harmanpreet Kaur became the first Indian to play 100 T20 International matches. Harmanpreet is the captain of India in the shortest format of the game.

- She achieves this feat in the sixth T20I against South Africa in Surat.
- Harmanpreet Kaur is among 10 female players who have reached the three-figure mark in terms of appearances. New Zealand's Suzie Bates and Australia's Ellyse Perry top the list with 111 appearances.
- Overall, Harmanpreet has two more appearances in T20Is than MS Dhoni and Rohit Sharma, who have played the highest number of matches for India in men's cricket.

### **10. 3 Scientists win the 2019 Nobel Prize in Physics**

- Three scientists, James Peebles, Michel Mayor and Didier Queloz have won the Nobel Prize 2019 in Physics for their contribution to the understanding of the evolution of the universe and earth's place in the cosmos.
- The announcement of the Nobel Prize 2019 for Physics was made at the Royal Swedish Academy of Sciences in Solna, Sweden.
- One half of the award was given to James Peebles for theoretical discoveries in physical cosmology and the other half jointly to Michel Mayor and Didier Queloz for the discovery of an exoplanet orbiting a solar-type star.
- They will receive nine million Swedish Krona (equivalent to 7 crores and 32 lakh rupees) cash award, a gold medal and a diploma.
- The award is presented in Stockholm at an annual ceremony on 10th December (the anniversary of Nobel's death).

Note:

- The Nobel Peace for Physics is one of the five Nobel Prizes (Chemistry, Peace, Physiology or Medicine, and Literature) established by the will of Swedish industrialist, inventor, and armaments manufacturer Alfred Nobel.

### **11. 50th IFFI 2019 to be held in Goa from November 20-28**

- The 50th International Film Festival of India (IFFI)- 2019 (Golden Jubilee edition) will be held from 20-28 November 2019 in Goa.
- Over 200 best films from 76 countries, 26 feature films and 15 non-feature films in the Indian Panorama section will be screened at the film festival.
- Around 10 thousand people and film lovers are expected to participate in the Golden Jubilee edition of the festival.
- 12 prominent films in different languages that have completed 50 years this year, will also be showcased.

Note:

- The International Film Festival of India (IFFI)(founded in 1952) is one of the most significant film festivals in Asia.
- The festival is conducted jointly by the Ministry of Information and Broadcasting, Directorate of Film Festivals and the Government of Goa.

### **12. IAF celebrates its 87th anniversary**

- The Indian Air Force (IAF) has celebrated its 87th anniversary across India.
- The Indian Air Force has displayed various Aircraft at Air Force Station Hindan airbase near Delhi with a parade and air display.
- The highlight of the event was Wing Commander Abhinandan Varthaman leading a MiG formation and flying a MiG Bison Aircraft.
- The Chiefs of the three Services R K S Bhaduria (Air Chief Marshal), Bipin Rawat (Army Chief) and, Admiral Karambir Singh (Chief of Naval Staff) visited the National War Memorial in New Delhi and paid tributes at the memorial.

Note:

- The Indian Air Force (IAF) is the air arm of the Indian armed forces.
- It was officially established on 8 October 1932 as an auxiliary air force of the British Empire and the prefix Royal was added in 1945 in recognition of its services during World War II.

### **13. 9 October: World Post Day**

- World Post Day is celebrated each year on 9th October, the anniversary of the establishment of the Universal Postal Union in 1874 in the Swiss Capital, Bern.
- It was declared World Post Day by the UPU Congress held in Tokyo, Japan in 1969.
- Since then, countries around the world participate annually in the celebrations.
- Posts in many countries use the event to introduce or promote new postal products and services.

### **14. India gets its 1st of 36 Rafale fighter jets from France**

- Defence Minister Rajnath Singh received the first of the 36 long-awaited Rafale fighter jets on behalf of the Indian Air Force (IAF) in France.
- The first batch of four combat jets is expected to be ferried to India by May 2020.
- The fighters to be armed with the SCALP ground attack missiles that have a range well over 300 km.
- It will be flown by IAF pilots in France for at least 1,500 hours as part of the testing and acceptance process before they come to their home base in Ambala.
- India had signed an agreement with France for the procurement of 36 Rafale jets at a cost of Rs. 59,000 crores.

Note:

- The Rafale is a twin-jet fighter aircraft able to operate from both an aircraft carrier and a shore base.
- It is described as a fully versatile aircraft which can carry out all combat aviation missions to achieve air superiority and air defence, close air support, in-depth strikes, reconnaissance, anti-ship strikes and nuclear deterrence.

### **15. Pioneers of lithium-ion battery win 2019 Nobel Chemistry prize**

- The 2019 Nobel Prize in Chemistry has been awarded jointly to John B. Goodenough (the University of Texas in the US), M. Stanley Whittingham (teaches at the Binghamton University in the US) and Akira Yoshino (professor at the Meijo University in Japan) "for the development of lithium-ion batteries".
- Lithium-ion batteries have revolutionised our lives since they first entered the market in 1991.
- The batteries power everyday products such as smartphones, laptops and even electric vehicles.
- The Nobel Prize in Chemistry has been awarded 110 times to 180 individuals between 1901 and 2018.
- Mr Goodenough is the oldest ever winner of a Nobel prize at the age of 97-years.
- Malala Yousafzai (17-years) is the youngest ever winner of a Nobel prize (Nobel Peace Prize 2014).

Note:

- The Nobel Prize in Chemistry is one of the five Nobel Prizes (Physics, Peace, Physiology or Medicine, and Literature) established by the will of Swedish Alfred Nobel.
- The Nobel Memorial Prize in Economic Sciences award's (official name is The Sveriges Riksbank Prize in Economic Sciences) in Memory of Alfred Nobel (established in 1968).
- The Prize in Economics is not one of the Nobel Prizes (technically), which were endowed by Alfred Nobel in his will.

## **16. Pradhan Mantri Innovation Learning Programme 'DHRUV' kick start in Bengaluru**

- Union Minister of HRD Ramesh Pokhriyal has inaugurated the ambitious Pradhan Mantri Innovative Learning Programme (PMILP) 'DHRUV' (named after a pole star 'DHRUV TARA') from ISRO Headquarters at Bengaluru.
- The objective of the program is to allow talented students to realize their full potential and contribute to society.
- It will conclude on 24th of this month at IIT (Indian Institutes of Technology), Delhi.
- Sixty brightest and talented students from Science, Mathematics and Performing Arts (Class 9 to Class 12) have been chosen for the programme.
- It aims to further sharpen innovative imagination, skills and knowledge of the students who are expected to contribute to bringing solutions to socio-economic, political and environmental issues in the country.

## **17. 'Garbage Cafe' in Chhattisgarh's Ambikapur to provide a free meal in exchange for plastic waste**

- Chhattisgarh Health Minister T. S. Singh Deo has inaugurated the first-of-its-kind 'Garbage Cafe' in Ambikapur city of Chhattisgarh.
- In this unique 'Café', poor people and rag pickers will get free food in exchange for one kilogram of plastic, while breakfast will be provided if half a kilogram of plastic is brought to the cafe.

- The café is being run by the Ambikapur municipal corporation.
- According to the Mayor of Ambikapur Ajay Tirkey, the collected garbage will be sold at Solid-Liquid Resources Management Centre.
- The collected plastic waste would further be turned into granules and will then be used in the construction of roads in the city.
- The Ambikapur (Chhattisgarh's first dustbin-free city) has been hailed as the second cleanest city in the country in Swachhata rankings.

## **18. Chinese Prez Xi Jinping arrives in Chennai on 2-day visit to India**

- Chinese President Xi Jinping arrived in Chennai on a two-day visit to India.
- Mr. Xi Jinping will hold the Second Informal Summit with Prime Minister Narendra Modi at Mahabalipuram (a UNESCO world heritage town) in Tamil Nadu tomorrow.
- The two leaders will first have a one to one conversation, followed by delegation-level talks.
- At Mamallapuram, Prime Minister Modi will personally guide Mr Xi Jinping through the ancient monuments like the Arjun's Penance, Ganesh Rath, Krishna butter ball before the two leaders drive to the Panch Rathas or the five chariots of the Pandavas.

Know about Mamallapuram (Mahabalipuram)

- In the 7th century, Hiuen Tsang (Chinese traveller) visited Kanchipuram and landed at the bustling port of Mahabalipuram.
- Hiuen Tsang has written about the grandeur of the Pallava Kings and the Buddhist centres of learning.
- There is archaeological evidence and there are inscriptions to prove extensive trade and cultural ties between the Chola Kings and Pallava Kings with China.

## **19. 'Surakshit Matritva Aashwasan' initiative launched by Dr Harsh Vardhan**

- Union Minister for Health and Family Welfare Dr Harsh Vardhan has launched Surakshit Matritva Aashwasan (SUMAN) initiative in New Delhi.
- The initiative was launched during the 13th Conference of Central Council of Health and Family Welfare in New Delhi.
- The aim of the initiative is to provide dignified, respectful and quality health care at no cost and zero tolerance for denial of services for every woman and new-born public health facility in order to end all preventable maternal and newborn deaths.
- The initiative also provides a positive birth experience to both mother and infant.

## **20. First National Hindi Science writers conference begins today in Lucknow**

- The first National Hindi Science writers conference has been started in Lucknow, Uttar Pradesh.
- The Objective of the National Hindi Science writers conference is to bring all Hindi and vernacular language science writers at one platform and promote the use of Hindi in the field of science writing.

- More than one thousand science writers across the country are expected to take part in this 2-day long conference.
- A dedicated website 'WWW.VIGYANLEKHAN.COM' has been prepared for this event.

## **21. 38th India Carpet Expo begins in Varanasi**

- Today, the India Carpet Expo (38th) has been started in Varanasi, Uttar Pradesh (11th to 14th October 2019).
- The India Carpet Expo is organized twice in a year in Delhi and Varanasi.
- The expo (largest handmade carpet fairs in Asia) has been organized by the Carpet Export Promotion Council (CEPC).
- The India Carpet Expo aims to promote the cultural heritage and weaving skills of Indian hand-made carpets and other floor coverings for the visiting overseas carpet buyers.

Note:

- India carpet expo acts as a platform for international carpet buyers, buying houses, buying agents, architects and Indian carpet manufacturers and exporters to meet and establish business relationship.

## **22. Biplab Kumar Deb inaugurates 'AngiKaar' campaign**

- Tripura Chief Minister Biplab Kumar Deb has inaugurated the 'AngiKaar' campaign for the state.
- The objective of the 'AngiKaar' campaign is to bring the beneficiaries of Pradhan Mantri Awas Yojana Urban (PMAY-U) under one-fold of other central government implemented scheme.
- The state's target of making 26 lakh Ayushman Bharat cards by March 2020.

## **23. Nobel Prize in Literature for 2019 & 2018 announced**

- The Nobel Prizes in Literature 2018 and 2019 were announced at The Swedish Academy in Stockholm.
- The Nobel Prize in Literature for 2019 was awarded to Handke (Austrian writer) 'for an influential work that with linguistic ingenuity has explored the periphery and the specificity of human experience'.
- The Nobel Prize in Literature for 2018 was awarded to Olga Tokarczuk (Polish author) for 'a narrative imagination that with encyclopedic passion represents the crossing of boundaries as a form of life.'
- Tokarczuk is only the 15th woman to win the Nobel literature prize in more than a century.

Note:

- The 2018 Nobel Prize in Literature was postponed following sex abuse allegations that had rocked the Swedish Academy.



- A Literature Nobel Prize laureate earns a gold medal, a diploma bearing a citation, and a sum of money.

## **24. U.S. astronaut 'Nick Hague' honoured with the Russian Order of Courage**

- U.S. astronaut Nick Hague has been awarded Russia's top state honour 'Russian Order of Courage' award.
- The award was presented by the Russian President Vladimir Putin to Nick Hague for his effort to survive an emergency on board a Russian spacecraft a year ago.
- In October 2018, Nick Hague, along with Alexei Ovchinin (Russian cosmonaut), made a dramatic emergency landing in the steppes of Kazakhstan when a booster rocket on their Soyuz launch vehicle failed (the first such accident in post-Soviet history).

## **25. Singapore is the World's Most Competitive Economy: Global Competitiveness Index**

- According to the Global Competitiveness Index(GCI), Singapore is the world's most competitive economy in the world in 2019.
- Singapore scored 84.8 out of a possible 100, pushing the United States to the top spot in the ranking of 141 economies.
- The US ranked on the 2nd place which is followed by Hong Kong at third place and Netherlands (4th) & Switzerland (5th).
- In the index, China is the highest-ranked among BRICS nation, China is the 28th competitive economy in the world.
- This year, India has moved down 10 places to rank 68th (2018- 58th position) in the global competitiveness index.

Note:

- The Global Competitiveness Index (GCI) (launched in 1979), compiled by the World Economic Forum.
- It evaluates the 141 economies through 103 indicators organised into 12 pillars.

## **26. Abiy Ahmed Ali win 2019 Nobel Peace Prize**

- The Nobel Peace Prize 2019 was awarded to Abiy Ahmed Ali "for his efforts to achieve peace and international cooperation, and for his decisive initiative to resolve the border conflict with neighbouring Eritrea.
- Current, Abiy Ahmed Ali is the Prime Minister of the Federal Democratic Republic of Ethiopia (since 2 April 2018).
- He was awarded for his work in ending the 20-year stalemate between Ethiopia and Eritrea.

Note



- The Nobel Peace Prize is one of the five Nobel Prizes (Chemistry, Physics, Physiology or Medicine, and Literature) established by the will of Swedish industrialist, inventor, and armaments manufacturer Alfred Nobel.

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