

#### ❖ World Rabies Day

- World Rabies Day is celebrated annually on September 28 to raise awareness about the impact of rabies on humans and animals, provide information and advice on how to prevent the disease and take efforts to control rabies.
- 2022 is the 16th edition of World Rabies Day.
- According to the World Health Organisation the theme of 2022 world rabies day is "Rabies: One Health, Zero Deaths".
- The day also marks the death anniversary of the French chemist and microbiologist, Louis Pasteur', who developed the first rabies vaccine.

#### ❖ 'Breakthrough Prize of 2023' Award

- Gilles Brassard (Université de Montréal) has awarded the 2023 Breakthrough Prize in Fundamental Physics for his foundational work in quantum information, the world's largest science prize. He shares this prize with Charles H. Bennett, David Deutsch and Peter Shor.
- In mathematics Daniel Spielman of Yale University was given recognition for multiple discoveries in theoretical computer science and mathematics.
- In Life Science Clifford Brangwynne and Anthony Hyman received the prize for discovering a new mechanism of cellular organization. Demis Hassabis and John Jumper were recognized for the development of AlphaFold, which predicts the structure of proteins. The prize was also given to Emmanuel Mignot and Masashi Yanagisawa for the discovery of causes of narcolepsy – the chronic sleep disorder characterized by overwhelming daytime drowsiness and sudden attacks of sleep.
- The Breakthrough Prizes, created in 2010 by a group of Silicon Valley entrepreneurs, are the most richly endowed awards in science, disbursing more than the Nobel prizes.

- The Breakthrough Prizes are international awards conferred under three categories – mathematics, fundamental physics and life sciences.
- The Breakthrough Prizes were conferred for the first time in 2012 and the ceremony was hosted by Morgan Freeman.
- Awardees receive 3 million USD each in prize money, which is higher than the 1 million USD received by Nobel laureates.
- This year, three prizes were conferred in the life sciences category, one for mathematics and one for fundamental physics.

### ❖ **Cochin International Airport bags ASQ award for ‘Mission Safeguarding’**

- The Cochin International Airport Limited (CIAL) has been awarded the Airport Service Quality (ASQ) award 2022 by the Airport Council International (ACI).
- The award is considered to be the highest honour in the global aviation sector.
- It ensured seamless traffic and reinforced passenger satisfaction in the aftermath of the pandemic.
- CIAL received the award in the 5-15 million passenger category of airports operating in the Asia-Pacific region.

### ❖ **52nd Dadasaheb Phalke award**

- Veteran actress Asha Parekh has been declared the recipient of the 2020 Dadasaheb Phalke award, making her the 52nd awardee of the honour.
- Union Minister for Minister of Information and Broadcasting, Anurag Thakur announced her name. She worked in more than 95 films and was the chairperson of the Central Board of Film Certification from 1998-2001.
- She is also a recipient of the Padma Shri, awarded to her by the Government of India in 1992 for services to cinema.
- Southern film superstar Rajinikanth was the recipient of the last Dadasaheb Phalke award.

➤ The Dadasaheb Phalke Award is the highest honour in Indian cinema. The award was instituted in 1969, the award is the highest honour for an artiste in Indian cinema. Previous recipients include Raj Kapoor, Yash Chopra, Lata Mangeshkar, Mrinal Sen, Amitabh Bachchan and Vinod Khanna. Devika Rani was the first winner, while actor Rajinikanth is the most recent winner of the prestigious honour, in 2021.

#### ❖ **Bandaru Wilsonbabu appointed as Indian Ambassador to Madagascar**

➤ IFS officer Bandaru Wilsonbabu, presently joint secretary in the ministry of external affairs, has been appointed as the next ambassador of India to the Republic of Madagascar.

➤ Wilsonbabu, who has served as the joint Secretary in the Eurasia division, will be replacing Ambassador Abhay Kumar.

➤ There are about 17 500 persons of Indian origin in Madagascar, including approximately 2500 Indian passport holders.

#### ❖ **Rajendra Kumar appointed as Director General of Employees' State Insurance Corporation (ESIC)**

➤ Senior bureaucrat Rajendra Kumar has been appointed the director general of the Employees' State Insurance Corporation.

➤ Kumar, a 1992-batch Indian Administrative Service (IAS) officer of Tamil Nadu cadre, is currently an additional secretary in the Ministry of Electronics and Information Technology.

➤ ESIC, Chairman: Minister of State for Labour & Employment (Independent Charge).

#### ❖ **Chandigarh airport to be named after Bhagat Singh**

➤ Prime Minister Narendra Modi has announced that the Chandigarh airport will be renamed after Shaheed Bhagat Singh as a tribute to the great freedom fighter.

➤ Punjab & Haryana governments had last month (Aug 2022) agreed to name the airport after freedom fighter Shaheed-e-Azam Bhagat Singh. The Rs 485-crore airport project is a joint venture of the Airports Authority of India (AAI), and the governments of Punjab and Haryana.

## ❖ JALDOOT APP

- Union Minister of Rural Development, Shri Giriraj Singh will launch the JALDOOT App.
- Ministry of Rural Development has developed “JALDOOT App” that will be used across the country to capture the water level of selected wells in a village.
- The Jaldoot app will enable Gram Rojgar Sahayak (GRS) to measure the water level of selected wells twice a year (pre-monsoon and post-monsoon).
- In every village, adequate number of measurement locations (2-3) shall need to be selected. These will be representative of the ground water level in that village.
- The app will facilitate panchayats with robust data, which can be further used for better planning of works.
- The ground water data could be utilised as part of the Gram Panchayat Development Plan (GPDP) and Mahatma Gandhi NREGA planning exercises. Further, the data can also be used for different kinds of research and other purposes.

## ❖ SURJAPURI AND BAJJIKA DIALECTS

- Bihar Chief Minister Nitish Kumar and Education Minister Prof Chandra Shekhar have asked the state education department to set up academies for the promotion of the Surjapuri and Bajjika dialects on the lines of the Hindi and Urdu academies.
- Surjapuri :
  - a) Surjapuri is spoken mainly in Kishanganj and other parts of Seemanchal in northeastern Bihar, including the districts of Katihar, Purnia and Araria. The dialect, a mix of Bangla, Urdu, and Hindi, is also spoken in contiguous parts of West Bengal.
  - b) The name Surjapuri comes from Surjapur pargana, which no longer exists. But there is a toll plaza called Surjapur between Purnia and Kishanganj.
- Bajjika

a) Bajjika, one of five dialects spoken in Bihar, is a mix of Hindi and Maithili, and is spoken mainly in Vaishali, Muzaffarpur, and parts of Sitamarhi, Sheohar and Samastipur. Bajjika is not as well known as other dialects such as Bhojpuri and Maithili.

### ❖ **Rocket Engine Manufacturing Facility Inaugurates in Bengaluru**

➤ The President of India, Smt Droupadi Murmu inaugurates HAL's state-of-the-art Integrated Cryogenic Engine Manufacturing Facility (ICMF) in Bengaluru on September 27, 2022.

➤ The facility, which would be spread out over an of 4,500-square metres, will cater to the entire rocket engine manufacturing facility for the Indian Space Research Organisation (ISRO).

➤ In 2013 a MoU was signed with ISRO for establishing the facility for manufacturing of Cryogenic Engine modules at Aerospace Division of HAL. The MoU for the Cryogenic Engine facility was subsequently amended in 2016 for building of ICMF at Rs. 208 crores.

➤ HAL Aerospace Division manufactures liquid propellant tanks and launch vehicle structures of PSLV, GSLV MK-II, GSLV Mk-III and also stage integration for GSLV Mk-II.

➤ On January 5, 2014 India successfully flew GSLV-D5 with a cryogenic engine (made by ISRO through private industries) and became the sixth country in developing cryogenic engines.

### ❖ **2022 Berlin Marathon**

➤ Eliud Kipchoge shattered his own world record on 25 September, with a time of 2:01:09 to win the Berlin marathon.

➤ It's the second time the Kenyan runner has set the official men's world record at the race in the German capital. Kipchoge's previous best in an official 42.2km race was 2:01:39 set on the same course in 2018. \*Ethiopia's Tigist Assefa won the women's race in a course record of 2:15:37, the third fastest time in history.

➤ Kipchoge has long been dubbed the world's best marathon runner.

## ❖ 'Laver Cup Championship 2022'

- The Laver Cup, held from September 23 to 25 in London, is a men's tennis tournament played between players from Europe and and players from the rest of the world.
- Team World captured its first Laver Cup crown in five attempts by defeating Team Europe, 13-8.
- Frances Tiafoe cemented the victory by saving four match points against Stefanos Tsitsipas for a stunning comeback effort, 1-6, 7-6 (11) [10-8].

## ❖ Oscar, BAFTA and Golden Globe award winning actress Louise Fletcher passes away

- Oscar-winner Louise Fletcher passed away at the age of 88.
- Louise Fletcher, who won the best actress Oscar for her unforgettable performance as Nurse Ratched in Milos Forman's 'One Flew Over the Cuckoo's Nest'.
- The movie 'One Flew Over the Cuckoo's Nest' became the first in more than 40 years to win all of the major awards, including best picture, director, actor, actress, and screenplay.
- Fletcher became just the third woman to receive an Oscar, a BAFTA, and a Golden Globe for the same performance after winning her Oscar.
- Her final role was as Rosie in the Netflix series Girlboss (2017).