

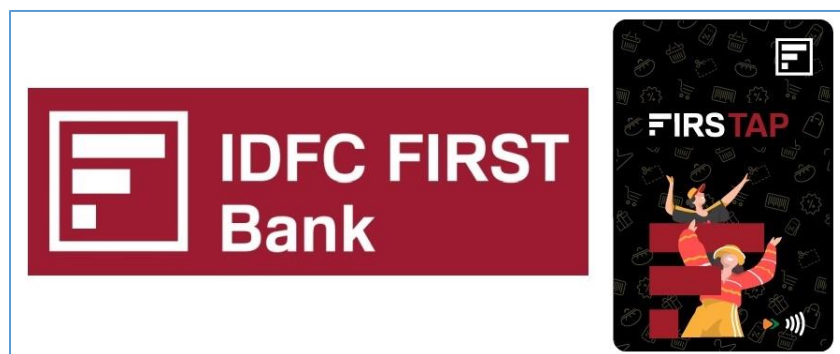
December - 03

TNPSC BITS

- ❖ Union Education & Skill Development Minister Dharmendra Pradhan released the book 'India: The Mother of Democracy' prepared and published by Indian Council of Historical Research in New Delhi.
- ❖ Playing for Maharashtra, Ruturaj Gaikwad smashed seven sixes in an over to create a List A cricket world record.
- ❖ P.T. Usha is set to become the first woman president of Indian Olympic Association.
- ❖ Tokyo 2020 Paralympics medal winner Avani Lekhara, was recognized as the Para Sports Person of the Year, while Shrey Kadyan was recognized as the Special Sportsperson of the Year.
- ❖ Portugal captain, Cristiano Ronaldo has now become the first player to score in five different editions of the FIFA Football world cup.
 - He has surpassed Lionel Messi to become the highest goal-scorer in the history of the FIFA World Cups.
- ❖ Spaniard Carlos Alcaraz has become the youngest year-end ATP Tennis World Number 1, and becomes the first teenager to achieve this feat.

NATIONAL

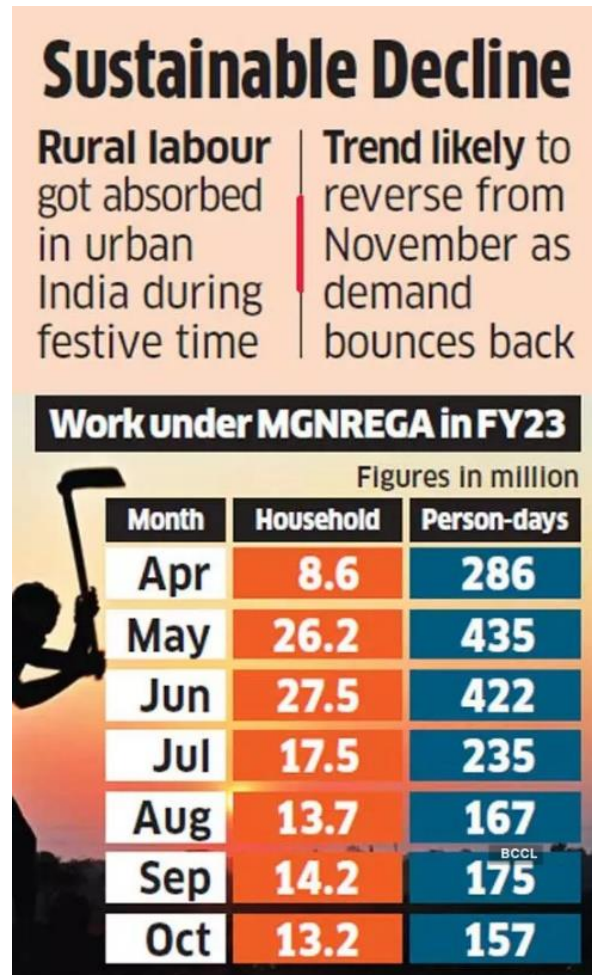
First Sticker-based Debit Card



- ❖ IDFC First Bank along with NPCL recently launched FIRS TAP – India's first sticker-based debit card.
- ❖ It allows the user to make transactions by simply tapping the sticker on near-field communication (NFC)-enabled point-of sale terminal.

- ❖ It can be used to tap and pay in stores, restaurants and other places without the need to carry a debit card.
- ❖ It enables transactions up to Rs.5,000 without a PIN and those beyond that requires the entry of PIN.

MGNREGA Review Committee



- ❖ The Centre has constituted a committee to study the performance of states and governance issues under the Mahatma Gandhi National Rural Guarantee Scheme (MGNREGS).
- ❖ The 9-member committee is headed by former rural development department secretary Amarjeet Sinha.
- ❖ The committee will examine various factors affecting demand for wage employment in the rural sector in different parts of the country.
- ❖ The MGNREGS was launched in 200 most-backward districts of the country in 2006.

- ❖ It was extended to 130 more districts during 2007-08 and to the entire country in 2008-09.
- ❖ It guarantees 100-day wage employment in a financial year to every rural household.
- ❖ As per the data available on the scheme portal, 7.55 crore families (11.19 crore persons) availed the scheme during 2020-21.
- ❖ In the current financial year 2022-23, 5.21 crore families (7.22 crore people) have availed the scheme till November 26, 2022.

ECONOMY

India's first private Agri mandi

- ❖ The Sahyadri Farmer Producer Company has bagged a license to set up a private agricultural mandi (market) at Dindori, in Nashik district, Maharashtra.
- ❖ This is the first private agricultural mandi in the country.
- ❖ This market space integrated with world-class infrastructure, services from banking to storage, processing, and packaging under one roof, options for offline and online trading, legalisation of field trade, and ownership of farmers.

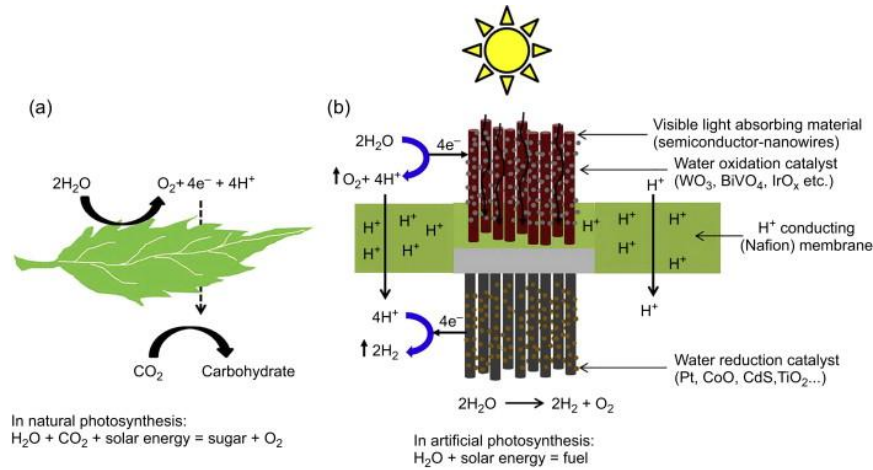


SCIENCE AND TECHNOLOGY

Artificial Photosynthetic System

- ❖ IISER-Thiruvananthapuram and IIT-Indore have jointly developed an artificial light-harvesting system that will help capture solar energy.

- ❖ This technology addresses various challenges faced while replicating the complex process of photosynthesis as well as the problems associated with light absorbers and transmitters.
- ❖ The new technology paves the way for designing of new light-harvesting materials that can improve the efficiency of solar cells and minimize the energy loss.



PERSONALITIES, AWARDS, AND EVENTS

Silver Jubilee of Prasar Bharati



- ❖ Prasar Bharati celebrated the silver jubilee or 25 years of its establishment on 23 November, 2022.
- ❖ In September 1990, the Parliament passed the Prasar Bharati (Broadcasting Corporation of India) Act.

- ❖ It was on this day in 1997, that it came into being as a statutory autonomous body set up by an Act.
- ❖ It comprises the Doordarshan and All India Radio.

IMPORTANT DAYS

Red Planet Day - November 28

- ❖ On this day in 1964, the United States launched the space probe Mariner 4 on a course towards Mars.
- ❖ This was the first time that a spacecraft undertook the first flyby of the red planet.
- ❖ It flew past in July 1965, sending back pictures of the red planet.



THINK WINTER IS COLD ON EARTH?
TEMPERATURES ON MARS CAN BE AS LOW AS

 **-190°F**

THE PLANET'S **RED COLOR** COMES
FROM HIGH LEVELS OF IRON OXIDE
MINERALS ON THE SURFACE.

IT TAKES ABOUT 687 DAYS FOR
MARS TO ORBIT THE SUN

THE RED PLANET IS
HOME TO THE
LARGEST VOLCANO IN
THE SOLAR SYSTEM,
OLYMPUS MONS.



SCIENTISTS BELIEVE THERE WERE ONCE RIVERS, LAKES, AND OCEANS ON THE PLANET!!

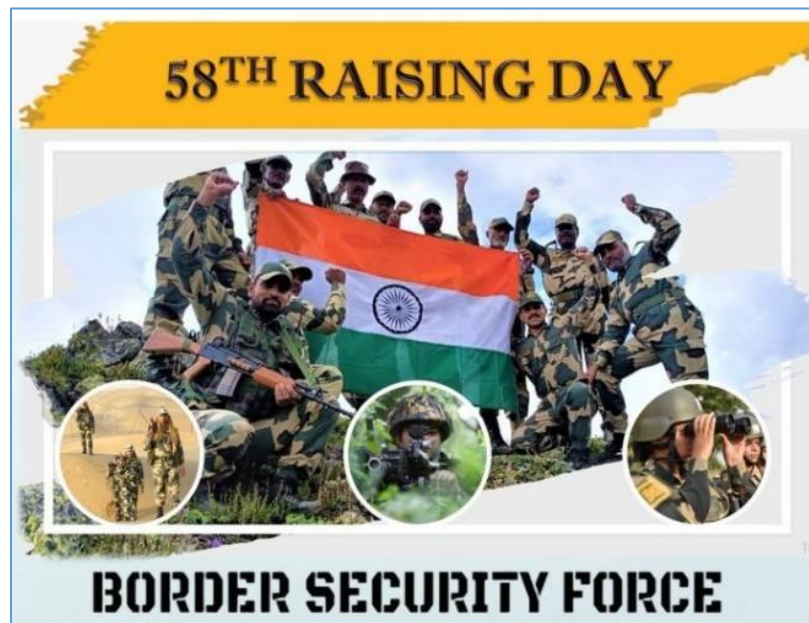
International Jaguar Day - November 29

- ❖ This day was created to raise awareness about the increasing threats facing the jaguar and the critical conservation efforts.
- ❖ Jaguar is the largest carnivore and only big cat in Latin America.
- ❖ It is encompassing 18 countries from Mexico to Argentina.

- ❖ IUCN Conservation status for this is Near Threatened.
- ❖ It is extinct in El Salvador and Uruguay.



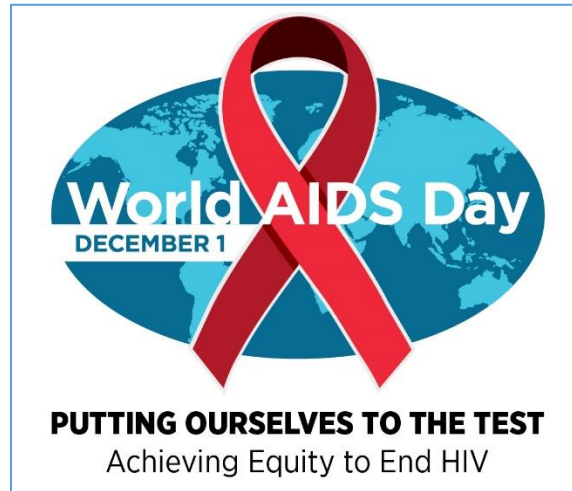
BSF 58th Raising Day - December 01



- ❖ India's first line of Defence, the Border Security Force (BSF) is celebrating its 58th Raising Day on December 1.
- ❖ This force was formed in 1965, and it defends the international border along with Pakistan and Bangladesh.

- ❖ The BSF is the only Central Armed Police Force in the country, aside from the Indian Army, to have a separate air wing, a capable artillery regiment, a dedicated marine division, and a special intelligence department.

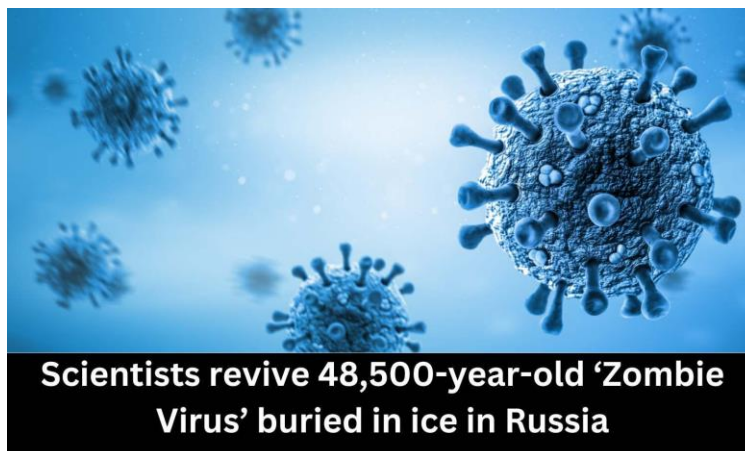
World AIDS Day - December 01



- ❖ The WHO founded World AIDS Day on December 1 in 1988.
- ❖ It aims to promote information sharing between local and national authorities, international organisations, and private citizens.
- ❖ This year's theme is "Putting Ourselves to the Test: Achieving Equity to End HIV."

MISCELLANEOUS

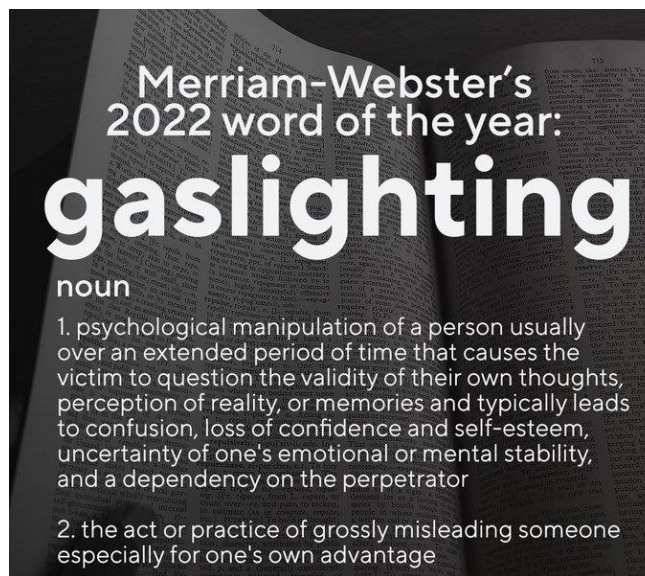
Zombie Virus in Russia



- ❖ European researchers examined ancient samples collected from permafrost in the Siberia region of Russia.

- ❖ They revived and characterized 13 new pathogens, what they termed “zombie viruses.”
- ❖ They found that they remained infectious despite spending many millennia trapped in the frozen ground.
- ❖ Among these 13, the oldest virus dubbed as Pandoravirus Yedoma, is known to be 48,500 years old.
- ❖ This virus breaks the previous record held by a 30,000-year-old virus that was uncovered by the same team in 2013.

Word of the Year 2022



- ❖ The US dictionary publisher Merriam-Webster announced that their 2022 word of the year is “gaslighting”.
- ❖ This word was defined as, “the act or practice of grossly misleading someone especially for one’s own advantage.”
- ❖ Interest in the term was up by 1,740% over the previous year’s according to searches of the online dictionary.
- ❖ The term itself came into existence 80 years ago in 1938 through the play-gas light.
- ❖ This play was written by Patrick Hamilton.

