



THE TIMES OF INDIA

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STUDENT EDITION

TUESDAY, JUNE 23, 2020



WEB EDITION

TOO MANY OPTIONS MAKE ONE WEAK: KAPIL DEV

CELEB TALK



In sport there is no plan B, it makes you a weak person, believes former Indian cricket captain Kapil Dev. "When you are drowning in the sea, do you have a plan B? There is only one plan to survive. When you give yourself too many options, you become weak," said the 61-year-old, during an event in Mumbai, a few months ago. Kapil, who had led India to its first-ever cricket World Cup in 1983, added, "We used to say this is the only time we have. There is no plan B— Only Plan A, win and party".

Give yourself a chance to learn every day. There is nobody who will say that I know everything

Difference between LAC & LoC

WHAT The Army has said that there is no connection between the Pakistan-initiated ceasefire violations along the Line of Control (LoC) in Jammu and Kashmir, and the situation on the Line of Actual Control (LAC) with China in the Ladakh region.

WHERE

LAC: The LAC is the demarcation between India and China that came into existence officially after a bilateral agreement in 1993. Before 1993, it existed as an informal ceasefire line between India and China. It separates



SPOTLIGHT

Indian-controlled territory from Chinese-controlled territory. India considers the LAC to be 3,488-km-long, while the Chinese consider it to be only around 2,000 km. It is divided into three sectors: the eastern sector, which spans

Arunachal Pradesh and Sikkim, the middle sector in Uttarakhand and Himachal Pradesh, and the western sector in Ladakh.

LoC is a live line, which is clearly demarcated by the militaries. It denotes a kind of boundary separating parts of Indian UT i.e. Jammu & Kashmir, controlled by India and illegally occupied by Pakistan. The length of LoC is around 776 kilometres.

HOW While the LoC is clearly demarcated by the militaries, LAC is actually a big empty region. Nearly 50-100 km distance at LAC is maintained between the Indian and Chinese armies.

(Source: defenseneews/agencies)

ANTIBODY THERAPY

WHAT While some potential vaccines have emerged in the global race to find a way to stop the spread of Covid-19, many researchers believe that antibody-based therapies hold great promise for treating people already infected with the disease.

WHY An antibody, also known as an immunoglobulin, is a large Y-shaped protein produced mainly by plasma cells that is used by the immune system to neutralise pathogens, such as pathogenic bacteria and viruses. Plasma is a component of blood.

HOW These therapies use antibodies generated by infected humans or ani-



X-PLAINED

mals to fight off the disease in patients. For Covid-19 treatment, researchers are studying the use of convalescent plasma and other treatments made

Antibody therapy dates back to the late 19th century. It was used when researchers used a serum derived from the blood of infected animals to treat Diphtheria



HOW ARE THEY DIFFERENT FROM VACCINES?

In general, the goal of a vaccine is to generate an immune response that can prevent someone from getting ill with a disease, whereas antibody-derived products are generally designed to treat the disease



MUKESH AMBANI JOINS THE CLUB OF WORLD'S 10 RICHEST

Asia's richest man has entered a new league of wealth. The net worth of Mukesh Ambani, chairman of Reliance Industries Ltd, has jumped to \$64.5 billion, making him the only Asian tycoon in the exclusive club of the world's top 10 richest people, according to the Bloomberg Billionaires Index.

IN THE NEWS

- Ambani overtook Larry Ellison of Oracle Corp and France's Françoise Bettencourt Meyers, the wealthiest woman, to reach the No 9 spot
- Ambani, who owns 42% of Reliance, has benefited from a flurry of investment into the company's digital unit, Jio Platforms Ltd. The shares of the oil-to-telecom conglomerate have doubled from a low in March, just as other billionaires on the list, have been hit by the pandemic

JUST 110 HUMANS WOULD BE NEEDED TO START A NEW CIVILISATION ON MARS: STUDY

In an interesting study, Prof Jean-Marc Salotti, an expert at The Bordeaux Institute National Polytechnique, has calculated that just 110 humans would be needed to set up a new civilisation on Mars. The minimum population would be needed to help make tools and commodities before supplies run out, he said. They would have to live in an oxygen-filled dome, if we were to set foot and live on the Red planet, he added. Agriculture and industry would also have to be set up.

SPACE



NEWS IN BRIEF

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'ROBERT PATTINSON LOOKS AMAZING AS BATMAN'

Actor Peter Sarsgaard says, Robert Pattinson is an interesting performer and that makes him a perfect choice for Batman. In Matt Reeves-directed, 'The Batman', Pattinson stars as the DC superhero, while Sarsgaard plays Gil Colson, a Gotham City district attorney. "He looks amazing. I have to say, he really, really does. The work he was doing was really cool. I really dug his Batman, and I can't wait to see it (on-screen), he adds.



ENTERTAINMENT

'The Batman', also featuring Andy Serkis, Zoe Kravitz, Colin Farrell, Paul Dano and Jeffrey Wright, is scheduled to hit the theatres on October 1, 2021

JAMIE FOXX TO PLAY MIKE TYSON IN BIOPIC

Oscar-winning actor Jamie Foxx has confirmed that he will play Mike Tyson in an upcoming biopic based on the life of the American former heavyweight boxer. The actor shared pictures of his new look on Instagram and wrote, "The transformation begins... FINDING MIKE". Foxx also revealed a gruelling exercise regime in preparation for the role, consisting of 60 pull-ups, 60 dips, and 100 push-ups every other day. His weight at filming, he said, would start at 216 pounds and increase to 230 pounds.



Jamie Foxx

AMISH TRIPATHI'S NEW BOOK ON LEGEND OF KING SUHELDEV HITS STANDS

Mythological-fiction writer Amish Tripathi has launched his new book—a story about the adventures of the warrior king Suheldev, Westland Publications has announced. Titled, 'Legend of Suheldev: The King who Saved India', the book is set in 11th century India, when Mahmud of Ghazni and his Turkic army invaded the country and destroyed the Somnath temple, only to be met with a "fierce resistance" from king Suheldev.



BOOK

'Legend of Suheldev' is the story of a king, who united men and women of the nation, irrespective of their religion, caste, region, or status in society. An epic adventure, and an inspiring tale of unity, the message of King Suheldev echoes across the chasm of time: when we Indians are united, we are unbeatable

METEORITE-LIKE OBJECT FALLS FROM SKY IN RAJASTHAN

A meteorite-like object falling from the sky in Rajasthan's Sanchore town has left the locals bemused. According to officials, an object weighing around 2.78 kg, fell from the sky on Friday morning, resulting in a one-foot deep crater in the earth. A huge explosion kind of sound created by its fall echoed in around two-kilometre stretch. According to experts, the piece has metallic properties of Germanium, Platinum, Nickel and Iron.



A meteorite is a solid piece of debris from an object, such as a comet, asteroid, or meteoroid that originates in outer space and survives its passage through the atmosphere to reach the surface of a planet or moon

STAY SAFE

3 things you should always carry WHEN GOING OUT



With no vaccine for the novel coronavirus yet, the best way to stay safe is by being very cautious about your hygiene. According to the US Center for Disease Control and Prevention, there are three things which you must not forget to carry with you when you go outside, be it for taking an exam, grocery shopping and so on. Here is the list...

FACE MASK

Wearing a face mask is the best bet to protect yourself from infected people. If the market purchased mask makes you feel suffocated, you can opt for a home-made fabric mask, which can also be reused after washing



HAND SANITISER

A good quality sanitiser is a must in your bag as you leave your home. Health experts recommend using a hand sanitiser with at least 60 per cent alcohol. However, skip the sanitiser in places where there is hand washing facility with handwash/soap and water, as excessive use of sanitiser lead to dryness of hands



TISSUES

Tissue paper can be used for various purpose. For example, if you want to open a door but do not want to touch the knob, you can use a tissue to clean it, or if you wish to scratch your face without touching it with your dirty hands, you can use a tissue. Tissues come in handy at all times—to clean, wipe and disinfect—more so during this ongoing pandemic. Carry some in your bag, whenever you leave your home. TNN

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