



THE TIMES OF INDIA

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STUDENT EDITION



TUESDAY, MAY 26, 2020

WEB EDITION

X-PLAINED



HEATWAVE

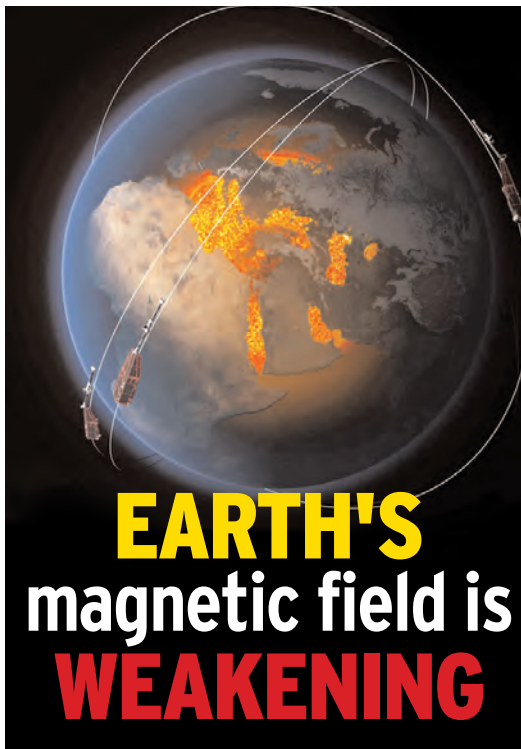
WHAT With the mercury going past 45°C across several parts in North India, the India Meteorological Department (IMD) on Sunday issued a 'red' heatwave alert for Delhi, Punjab, Haryana, Chandigarh and Rajasthan for the next two days.

WHY Heatwave is a period of abnormally-high temperatures, more than the normal maximum temperature that occurs during the summer season. For the plains, a heatwave is declared when the maximum temperature is 45°C or above. Severe heat wave is declared when



it is 47°C and above. The colour-coded warnings, in ascending order and depending on the intensity, are green, yellow, orange and red. Heatwaves typically occur between March and June, and in some rare cases, even extend till July.

HOW A heatwave occurs when a system of high atmospheric pressure moves into an area and lasts two or more days. In such a high-pressure system, air from upper levels of our atmosphere is pulled towards the ground, where it becomes compressed and increases the temperature. This high concentration of pressure makes it difficult for other weather systems to move into the area, which is why a heatwave can last for several days or weeks.



EARTH'S magnetic field is WEAKENING

If scientists are to be believed, Earth's magnetic field is gradually weakening in an area stretching from Africa to South America, and resulting in technical disturbances in some satellites orbiting our planet. According to the European Space Agency (ESA), the area, known as the 'South Atlantic Anomaly', has grown and moved westward at a rate of around 20km per hour. Between 1970 and 2020, the magnetic field in this area has weakened considerably, they added.

WHY IS IT SO

■ According to the ESA, one possibility for the current weakening is a sign that Earth's magnetic field is about to reverse – in which the north and south magnetic poles switch places.
■ The last time a 'geomagnetic reversal' took place was 780,000 years ago, with some scientists claiming that the next one is long overdue. Typically, such events take place every 250,000 years.

THE IMPACT

➤ The repercussions of such an event could be significant, as the Earth's magnetic field plays an important role in protecting the planet from solar winds and

harmful cosmic radiation
➤ Telecommunication and satellite systems also rely on it to operate, suggesting that computers and mobile phones could experience difficulties

The Independent

Students can now pursue two degree courses simultaneously

A student of mathematics in Delhi University can now choose to simultaneously pursue any other degree course, say English literature from Ignou or any other institution. In a move to improve their career prospects, the University Grants Commission (UGC) has approved a proposal to allow students



EDUCATION

to pursue two degree programmes at the same time. One of the degrees has to be in the regular mode and the other either in open/distance learning or online. A student can pursue two degrees in different streams as well as from different institutions. S/he may also opt for the same institution, provided it offers multiple mode of learning. The detailed guidelines are to be notified soon.

WORLD'S FASTEST INTERNET DATA SPEED RECORDED

Scientists have achieved the world's fastest internet data speed, which is enough to download 1,000 HD movies in a split second, using a single optical chip – an advance that can help scale up the capacity of network connections across the world. According to the study, the new innovation could fast-track telecommunications capacity of countries struggling with demand on internet infrastructure.



In the record book

- The researchers recorded a data speed of 44.2 Terabits per second (Tbps) from a single light source
- This speed, scientists said, was achieved by attaching their new device to existing fibre-optic technology, like the one used in broadband internet network

Ranveer Singh wants Indian sign language to be 23rd official language

Actor Ranveer Singh is on a new mission. He is campaigning for Indian sign language (ISL) to be declared as the official language of our country. Urging everyone to support him, the actor has started a petition drive that aims to increase awareness for the cause. He also released rapper-poet Spitfire's, 'Vartalap', a sign language video, as part of this effort under his own label, Inck.

➤ The sign language is a system of communication that uses gestures and signs, as used by those impaired of hearing
➤ In March 2018, the first edition of the Indian sign language dictionary was launched
➤ There are 22 official languages in India, and Ranveer's campaign is towards making ISL, the 23rd official language



FOR A CAUSE

NEWS IN BRIEF

CLICK HERE FOR MORE

LIFE IN POST-COVID WORLD

NOW, 'CONTACTLESS' FOOD ON MENU AT DELHI AIRPORT

To minimise Covid-19 infection risks to passengers as mandatory under protocols announced by the Centre, Indira Gandhi International airport, New Delhi, is offering the first-of-its-kind 'contactless food orders'.

App for food navigation

■ The airport has partnered with HOI, an app that helps travellers navigate airports to safely order and pick up meals before the flights
■ Contactless food ordering and payment services are the unique features of HOI
■ The HOI app is helpful in identifying food outlets at the terminal for orders via smartphones.
■ Passengers can download the app on their Android or iOS device, sign up, and add their flight details
■ Apart from contactless food ordering, the app has other features, such as real-time flight status alerts, boarding gate and belt information, etc



1,400-year-old rooms found under Jerusalem's western wall

Israeli researchers have unveiled mysterious underground rooms, carved out of the bedrock near the Second Temple, which is believed to have stood two millennia ago. The discovery was made when Israeli students from a pre-military college were excavating a large, lavish Byzantine-era structure from some 1,400 years ago, below the western wall plaza in Jerusalem's old city.

DISCOVERED

➤ The rooms are dated to the early Roman period. While researchers have not yet determined the function of the rooms, it is believed that they could have been underground food storage for a building that didn't survive. They could also have been a separate facility for preparing food for the city's priests, or the temple's pilgrims and visitors

VIEWPOINT

SALIVA BAN CAN ENHANCE SKILLS OF BOWLERS: ROOT

England captain Joe Root feels the ban on using saliva to shine the ball to combat the COVID-19 threat might improve the skills of the bowlers, who will have to work harder to get something out of the pitch. Root said it could "up skill levels." "Not having the assistance that you might normally have means your accuracy has to improve," he said.

The Anil Kumble-led ICC committee has recommended banning the use of saliva to shine the ball when play resumes. The ICC has also barred the practice in its guidelines

➤ The issue has led to divided opinions

➤ While Australian fast bowler Pat Cummins has urged the game's custodians to come out with an alternative to strike a balance between bat and ball, spin legend Shane Warne has suggested that one side of the ball be made heavier to ensure that it doesn't need any shining

Share your views at timesnie175@gmail.com

Novelist-turned-DJ Murakami's first-ever radio show, 'Stay Home' lifts spirits

Japanese novelist, Haruki Murakami, hosting a special radio show from home, painted a brighter side of the world with his favourite music, and said the fight against the coronavirus is a challenge in figuring out ways to help and care for each other. Murakami opened the two-hour late night show, 'Murakami Radio Stay Home Special' with 'Look for the Silver Lining' by the Modern Folk Quartet, followed by 18 other songs, selected from classical to jazz, pop and rock.



ENTERTAINMENT

■ "If love and compassion are lacking, the world after the corona will surely be an edgy and insipid place, even if masks and vaccines are abundantly distributed. Love is important" Haruki Murakami

IRECOMMEND

Social fun during LOCKDOWN



Do anything with Discord
Book clubs, dance classes, study groups... anything is possible on Discord! This platform allows you to create semi-private, invite-only servers with a voice chat feature that remains active all the time. People can even share their screens, making socialising more fun. Many other fandoms, book lovers, culinary enthusiasts, and others have also started using this feature. Each server is allowed a maximum of 50 members.

Chill with a Netflix Party
Thanks to the newly-added fun feature on Netflix, you can keep up with your list. The online streaming platform has facilitated a group chat alongside your favourite shows, which helps you go crazy over that 'OMG' moment. Some groups are using this platform to host movies at a given time.

OpenHousePictures, a group of promotional video creators, is using this interactive platform to host a 'party' at 7 pm every Thursday.

Fun & games @ Houseparty
A video-chat application, Houseparty enables people in the 'house' or server to play games together, while talking to each other through the enabled video. Houseparty was #1 on the iPhone App Store in India, some time back.

(Remember apps may have privacy and security issues. Cross check before sharing your personal details)

HOW TO CLEAN AND STORE YOUR FACE MASK?



Public health experts recommend wearing a mask made from cotton fabric, such as T-shirts or scarves and bandannas, when you are outside, and unable to maintain social distancing from others. The covering should be washed daily after use. It is best to clean your mask in a washing machine or with soap and hot water. The mask should be dried completely. Store the clean, dry mask in a new paper bag to keep it safe from germs.

MANAGE GUILT OF being less productive IN PANDEMIC

Are you feeling guilty of not being able to complete your task in a stipulated time, or not being productive enough during these lockdown times? Remember, these are not normal times. If thoughts of being less productive still bothers you, then follow these steps to deal with it in a healthy way...

STOP COMPARING YOURSELF WITH OTHERS

Just because your friend or someone on social media is doing something productive (like baking cakes and cookies every weekend), doesn't mean you need to compete with him or her. Whether quarantined or not, you should never compare yourself with others. Reason: everyone is blessed with one's own capabilities and potential. Believe in your strengths and work towards it.



DISTANCE YOURSELF FROM SOCIAL MEDIA

While social media is one of the many things that has helped us during this tough time, it is also one of the reasons why you have this fear of missing out on things. Social media is the source that tells you about the things people are doing. So, reduce endless scrolling and focus on things that make you happy.

KNOW PRODUCTIVITY IN REAL SELF

For each one of us, 'productivity' may mean different things. Someone else's idea of productivity may not be the same as yours. It is best to find out where your satisfactions lie. It can be something as simple as watching a movie, or cooking a nice meal for yourself.

STAY POSITIVE

What we need to understand is that we are in a state of crisis. Not being productive shouldn't trouble us too much. The need of the hour is to focus on positivity — productivity will follow.

Designer plastic pods attempt to make dining out safe

For restaurant owners worrying how they can welcome back customers but keep them safe from COVID-19, a French designer has created a cylinder of transparent plastic that hangs from a cable on the ceiling, much like a lampshade. A scoop cut out of the back allows diner to sit and stand up without having to bend over double. Christophe Gernigon, who invented the device, called the Plex'Eat, said the designs already on the market looked like booths in prison visiting rooms, so were not inviting for customers. "I wanted to make it more glamorous, more pretty," he said.



ACTIVITY OF THE DAY

History Mystery

Vijaya Stambha, Chittorgarh



Built by Maharana Kumbha in AD 1448 and dedicated to Lord Vishnu, Vijaya Stambha stands with nine stories. The entire tower is covered with architectural ornaments and inscribed images of gods and goddesses, seasons, weapons, musical instruments, etc.

Why is it called Vijaya Stambha?

Because it was built to commemorate the victory of Maharana Kumbha over Sultan of Malwa, Mahmud Khilji.

Albert Hall Museum, Jaipur



Where else you would find Egyptian Mummies in India?

Indian Museum, Kolkata and State Museum, Lucknow. Can you find more places!

The foundation of Albert Hall was laid by Prince of Wales, Albert Edwards in 1876. The museum in Albert Hall has the arms and armour collection which includes swords, hilts, tiger knives, helmets, javelins, bows, and arrows. The International Arts collection in the museum includes Egyptian Mummy from 322-30 B.C

Content and pics by 'History Diaries'. Co-founded by IIT-Delhi alumni, it is an initiative to make history interesting, engaging and relevant, transforming the way it is being taught in schools

FUN-ZONE



Word Wise

Overwhelm (verb): To have such a strong emotional effect on somebody that it is difficult for them to resist or know how to react
Synonymous words: Overcome, move stir, affect, touch impress, sweep someone off their feet, strike
stun, make emotional, dumb-founded, shake, etc.
Examples:
■ The beauty of the landscape overwhelmed the girl.
■ The kind gesture of the teacher moved the students.
■ She was swept off her feet with the exam results.
■ The magician's trick was stunning.

FAMILY CIRCUS



"Daddy does the 'Fee-fi-fo-fum' part way better."

Feed your BRAIN WELL

A healthy mind is the key to a healthy body. A brain fed on nutrition will go a long way in keeping you in good shape in these tough times

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FOOD FOR MOOD

EAT TRADITIONAL

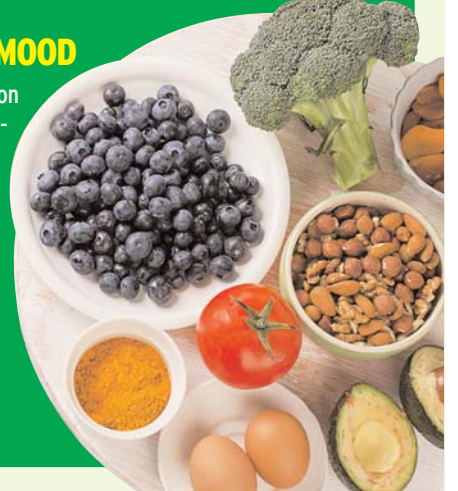
"Good food ensures good thoughts, great breathing control, less oxidative stress, good health and prevents from mental disorders. All this reflects as good mood and good behaviour," says nutritionist Hetal Chheda. A nutritious brain diet follows the same logic as a heart healthy regimen or weight control plan. Limit sugary and high-fat processed foods and opt for plant foods like fresh fruits, veggies and whole grains.

OMEGA-3S: These healthy fatty acids improve thinking and memory and also mood. Omega 3 is found in fish and other seafood, seeds (such as flaxseed, chia seeds, and walnuts) and plant oils.

FOLATE: There may be a link between low levels of folic acid and depression. Consume folate-rich foods daily. These include beans, lentils, cereals, dark leafy greens, sunflower seeds.

FOOD FOR MOOD

IRON: Too little iron in the blood (iron-deficiency anemia) has been linked to depression. Iron is found in red meat, chicken, cooked beans, tofu, pumpkin seeds, apricots, nuts etc.



CHECK YOUR APTITUDE

1) Which number is neither a prime number nor a composite number?
A. 1 is neither a prime number nor a composite number.
B. 2 is neither a prime number nor a composite number.
C. 3 is neither a prime number nor a composite number.
D. 4 is neither a prime number nor a composite number.

2) Which of the following are pairs of co-primes?
A. 8, 4
B. 17, 19
C. 64, 44
D. 78, 88
3) List the prime numbers from 25 to 100 and say how many they are.

71, 73, 79, 83, 89, 97
37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97
25, 27, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97
1. 1 is neither a prime number nor a composite number.
2. 17, 19
3. There are a total of 16 prime numbers between 25 and 100 which are 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97.

Quiz time

GENERAL KNOWLEDGE

Q.1) Which state has recently launched a mobile application called "Disha"?

- A. Odisha B. Andhra Pradesh
- C. Delhi D. Tamil Nadu

Q.2) Who has set the new Guinness World Records for most side lunges?

- A. Sai Deepak B. Devesh Choudhary
- C. Arjun Miglani D. Irfan Mehsood

Q.3) Which cricketer recently became the fastest captain to reach 1000 runs in T20Is?

- A. Virat Kohli B. Kane Williamson
- C. Aaron Finch D. Eoin Morgan

Q.4) What was the main reason that led to recent bushfires in Australia?

- A. Ocean B. Prevailing wind
- C. Lakes D. Tall trees

Australia is currently entrapped in a wave of wild bushfires leading to mass destruction in the country. It is reported that the bushfires have burnt nearly 5 million hectares of land and caused huge loss of flora and fauna.

ANSWERS

- 1. B) Andhra Pradesh 2. A) Sai Deepak 3. A) Virat Kohli 4. B) Prevailing wind

3 STEPS to improve communication skills

Good communication is a fruitful combination of proper listening and speaking skills. This article shall guide you in being an excellent communicator.

Observe yourself

Start by watching the way you speak or react to commonplace situations and understand the motivation behind your actions. This will bring out your strengths and weaknesses.

Learn from other people

Human beings are born to emulate others and it is by emulation that they can improve upon or learn new skills. Find a communicator whom

you admire. Observe their communication style closely.

Try different strategies

Having picked up skills, you need to practice them regularly. Imitating what you see is also a good practice to follow. Study different mannerisms, speaking styles and inculcate them into your speaking technique. With a host of strategies available, find out the one you're most comfortable with.

SCHOOL IS COOL

Fostering critical and analytical understandings

Delhi Public School Ghaziabad Vasundhara marshalled an E-Model United Nations. Coordinated by Dr. Joseph Emanuel, Director (Academics-CBSE) and Principal DPSGV Trilok Singh Bisht propelling the e-participants to a great start. A total of 180 delegates on a single online portal deliberated and drafted e-resolutions. The two-day session consisted of five committees namely - UNSC, AIPPM, UNHRCC, UNGA and IMF. Each committee witnessed e-participation of students from classes VI to XII. Indeed an academic simulation of the United Nations, this E-MUN aimed to educate participants about current events, topics in international relations, diplomacy and the United Nations agenda. It is meant to engage students and allow them to develop deeper understanding. The event concluded with a closing ceremony attended by Founder of IPNGaurav Yadav congratulating an array of delegates.

Educational upgradation as per trying times

With the entire country under a lockdown, Mayur Public School, IP Extension has been proactively teaching with innovative, interesting and engaging methodologies via its virtual classes for X and XII (board classes). Unique study material developed by the subject teachers engages the students in various types of subject-related activities as well as co-curricular skills.

For class III to IX, digital learning content is being provided in the form of videos, assignments and worksheets on the google classroom platform for all the main subjects. Here the work is uploaded and completed assignments are received by the teachers as well. Along with classes the assignments, sample papers, test papers and study material are also provided on whatsapp groups. The school has shortlisted many portals by cbse and doe (directorate of education), Delhi for getting online books according to the syllabus to be followed for session 2020-21. Keeping in mind the daily needed physical activity of children, school along with its sports education partner launched the 'play at home' program.

The Earth is what we all have in common

World Earth Day 2020 marks the golden jubilee of our reverence to Mother Earth. Started way back in 1970, this day is garlanded with a plethora of activities including plantation drives. As an ardent environmentalist, I believe that not only this day, but all days should be celebrated as Earth Day, wherein we thank Mother Nature for the bountiful gifts that are given to us. Mankind becomes selfish at times and thinks about his personal but short termed gains only. This lockdown period has given us proofs that if we keep our activities under control, we can still bring back the glory of Nature. Rivers would go clean again and air would become pure again provided we start caring about these resources! Let's all pledge to unite and become eco-warriors to fight against any kind of environmental degradation activities and focus on having a cleaner and greener world!

Bharti Nagpal, Senior section head, Ryan International School, Faridabad

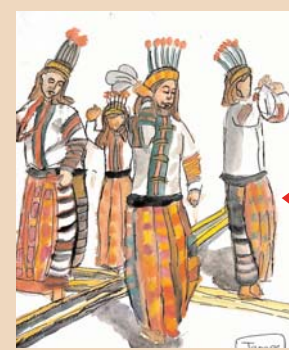
ASN Sr Sec School, Mayur vihar 1 celebrated 50th Anniversary of The World Earth Day. The primary wing students dressed up in different 'Elements of Earth' and gave the message on conservation of resources. Primary class children watched videos highlighting the importance of Mother Earth on their Flipped learning modules and had stimulating discussions during online classes where each student came up with their own ideas and ways to help heal the earth. Students shared creative art work under the 'Green Craft activity -

Heal the Earth'. They made artwork using recycled material like newspapers, old magazines, colored papers and art supplies present at home and gave inspiring slogans to their artwork. Children from class III to V participated in activities like Calligram, Book Mark Making and Poster Making to spread the message of being environmental friendly. Children from classes VI to VIII used easily available products at home to make disinfectants taking ingredients from their kitchen and garden. They also made pouches to carry the disinfectants and mobiles to keep them germ free. Children made masks from cotton cloth, spare tissues. They also raised awareness through several posters with messages to 'Save Mother Earth'. A video was made whereby the students and the members of the faculty from their homes lead by the school principal Swarnima Luthra pledged to be Earthwise.

Dancing and painting our way to glory

World Dance Day or International Dance Day is celebrated every year to mark the birth anniversary of Jean Georges Noverre, the creator of Modern Ballet. Greenway Modern School, Dilshad Garden, virtually celebrated World Dance Day amid the nation-wide lockdown due to Coronavirus Pandemic with great avidity, fervor and rapture. Students of all the three precincts of the

school (Primary, Middle and Senior Wing) exhibited their creativity, dexterity and love for dance by sending exceptional and artistic posters and their dance videos of various forms. The day was celebrated to instill the value and importance of this art among students, to break the cultural barriers and bring all together with a common language, 'Dance'. School principal Mohit Sachdeva eulogized the efforts put in by the students.



ALIZA, The Indian School, Sadiq Nagar

JOHN, VIII, Greenway Modern School, Dilshad Garden

STUDENT CORNER

IT'S NOT PERMANENT

Nothing is born with perpetual succession
Neither problems nor human lives
Corona feels like we disturbed the bees
Not one or two but hives.
Its not a threat
Its a disaster
No bandage, no plaster
And no memories to foster.
Its a bad time, but it too shall drive
Dont let it stay longer, lets now strive
Dont go out, just skive
Cuz, its not just health, but our life.
The whole world is now deprived
Cuz this calamity suddenly arrived

Lets have the thought of indoor stride
Coz its not natural, it contrived.
Lets not waste time getting bored
Lets let the good vibes be poured
Lets let our personalities be shored
Build a new you
But no cabin, no crew
Give yourself all thats due
Let them know this this you grew
Give them no clue
Give them no view
Work hard in silence this time
And slew your sky to blue.
Stay home stay safe
Namaste
Yaashvi Kumar, XII, Manav Sthali School, Rajinder Nagar

Painters' Gallery



Corona - A deadly threat to planet

People on the planet are facing a great disorder,
Life is halted and world is in despair.
Novel Corona virus is very dreadful,
It has affected innumerable people.
COVID-19 is a curse for us,
Due to lockdown, we don't see cars and school bus.
Everybody is panicked and scared
Of Quarantine.
If you go out without mask, you'll be asked for fine.
Be self Isolated and avoid to go on street,
We brothers and sisters can't even meet.
Wash your hands many times a day,
Or else, for the health dearly you pay.
Obey the rules of lockdown and Quarantine,
Let us all pray to be safe and fine.
Swagya, VIII, Seth Anandram Jaipuria School, Ghaziabad