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STUDENT EDITION

MONDAY, AUGUST 10, 2020



WEB EDITION

PM Modi launches week-long campaign to free India of garbage



Together, we have to move forward ... preparing compost out of dirt, water recycling, getting rid of single-use plastic

NARENDRA MODI, PM

► The 'Gandagi-Mukt Bharat' drive began on Saturday, and would go on till the Independence Day to reinforce the ongoing campaign on cleanliness and sanitation ► The PM has urged the officials at the district level to construct toilets in all the villages under them and repair the existing facilities during the week

YOUR CORNER

Be a part of the Gandagi-Mukt Bharat Drive and....

Share your experiences at toinie175@gmail.com or timesnie175@gmail.com

TABLETOP RUNWAY

WHAT

At least 18 people died and 16 were severely injured in Calicut (Kozhikode) on Friday, after a Boeing-737 overshot a runway known as a 'table top' in the aviation industry. Tabletop runways are often constructed by excavating the peaks of the hills to create, what is known as a tabletop.

HOW

Such runways have steep drops at one or both the ends, increasing the possibility of injuries and fatalities, if pilots under or overshoot their approach, either through human error or mechanical failure.

WHERE ARE THEY BUILT

They are most commonly found in mountainous areas, where flat land is scarce, or in low-lying areas, like Kozhikode, where space is at a premium, or there is a fear of water logging at the ground level.

WHY ARE THEY RISKY

Landing on these airports require accurate precision, with no room for errors. In other



DID YOU KNOW? In May 2010, an Air India flight landing at the Mangalore airport overshot the tabletop runway there, falling down a hillside and bursting into flames. Of the 166 people onboard, only eight survived. The inquest into the crash later blamed pilot error

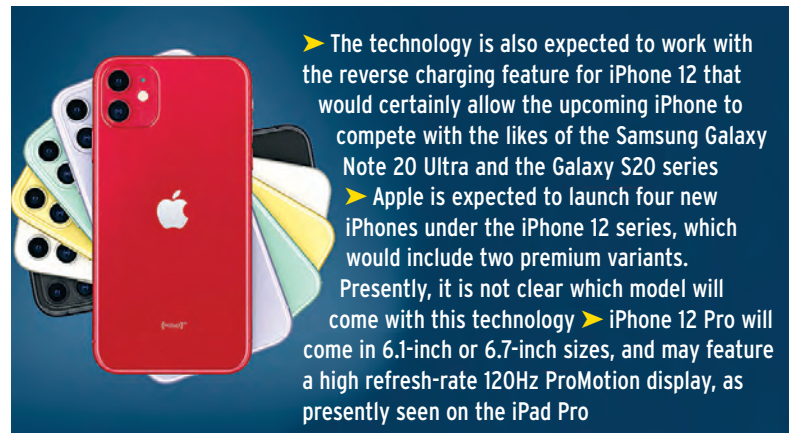
Apart from Mangalore and Kozhikode, airports like Lengpui airport in Mizoram, Kullu and Shimla in Himachal Pradesh and Pakyong airport in Sikkim have tabletop runways

The tabletop runway at Kozhikode is around 2,700 metres-long, shorter than the 4,430 metres runway in New Delhi, though it is long enough for a narrow body aircraft like the Boeing-737 to land



words, landing on such a runway is considered a test of a pilot's skill, as it creates an optical illusion of the runway, being at the same level as the plains below it. Pilots have to ensure that their approach isn't too high or too low. Landing on these runways is trickier at night or in rain.

IPHONE 12 MAY COME WITH MAGNETIC ATTACHMENT WIRELESS CHARGING



► The technology is also expected to work with the reverse charging feature for iPhone 12 that would certainly allow the upcoming iPhone to compete with the likes of the Samsung Galaxy Note 20 Ultra and the Galaxy S20 series ► Apple is expected to launch four new iPhones under the iPhone 12 series, which would include two premium variants. Presently, it is not clear which model will come with this technology ► iPhone 12 Pro will come in 6.1-inch or 6.7-inch sizes, and may feature a high refresh-rate 120Hz ProMotion display, as presently seen on the iPad Pro

TECH BUZZ

Apple is reportedly planning to introduce iPhone 12 with magnetic positioning that will move the phone automatically to the optimal position on the charging pad. According to a report, the magnets may not only provide a 'snap in' wireless charging system but might also be used for mounting purposes. With this feature, iPhone 12 will provide modular upgrades fitted through magnetic connection.

BE THE CHANGE



SHAYAN AHMAD, class, VI, C, OPG WORLD SCHOOL, DWARKA, Delhi, tells us why WE SHOULD USE REUSABLE MASKS

New Guinea has the greatest variety of plants

Yes, you heard it right. New Guinea has the most diverse island plant life in the world according to researchers, who found, it had 20 per cent more flora than Madagascar or Borneo. In fact, according to Daily Mail, the researchers, who conducted a survey of 700,000 plant specimens from the southwestern Pacific island as part of a study into its ecosystem diversity, claimed that two-thirds of the species of plants found in New Guinea, are only found in that region — an area almost 20 times the size of Switzerland.



► The island has lowland jungles and high altitude grasslands, with peaks bigger than Mont Blanc in France, and among them they found 13,634 unique plant species.

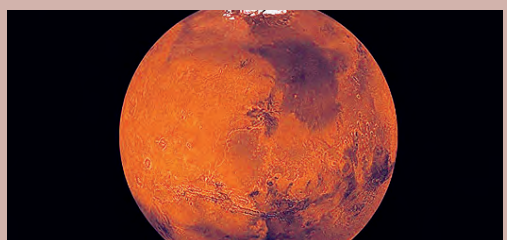
► By far, the most species-rich family are the orchids; almost a third of the species listed as unique to the island were trees

► One particularly remarkable finding is that 68 per cent of the plants are endemic, and are only found in that region, which is 'unmatched in tropical Asia'

NEWS IN BRIEF

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GLACIERS COULD HAVE SCULPTED MARS VALLEYS: STUDY



The question whether ancient life could have existed on Mars, centres on the water that once flowed there, but a new research suggests that many of the Red Planet's valleys were gouged by icy glaciers not rivers. The study, which comes amid a flurry of new Mars missions trying to discover if the now-barren planet ever hosted life, casts doubt on a dominant theory that the planet once had a warm, wet climate with abundant liquid water that sculpted the landscape.

The researchers examined more than 10,000 Martian valleys and compared the channels on the Earth that were carved under the glaciers

The findings suggest that some Martian valleys could have been formed some 3.8 billion years ago by meltwater beneath the ice sheets, which they said would align with the climate modelling, predicting that the planet would have been much cooler in its ancient past. The research comes after NASA launched its latest Mars rover, Perseverance, to look for signs of ancient microbial life on the Red Planet

GOOGLE UNVEILS ITS FIRST 5G PHONES, STARTING AT \$499

Alphabet Inc's Google has said that its first 5G-enabled phones, Pixel 4a (5G) and Pixel 5, will be available this September at a starting price of \$499 (₹ 37,365 approx). The company also cut the starting price for its smartphone lineup with a non-5G version of 4a priced at \$349 (₹ 26,129 approx), looking to broaden its appeal to the budget-conscious customers. Google's lower-priced devices have been the top sellers, but are far from being the major profit drivers. Higher-priced devices have gained little traction from the industry leaders, such as Samsung Electronics Co and Apple Inc, because of limited marketing and stiff competition.



UNVEILED

The 5G models will be available in the United States, Canada, UK, Ireland, France, Germany, Japan, Taiwan and Australia, Google said

► As an initial step, NASA will no longer refer to the planetary nebula, NGC 2392, the glowing remains of a sun-like star that is blowing off its outer layers at the end of its life, as the 'Eskimo Nebula'. 'Eskimo' is widely viewed as a colonial term with a racist history, imposed on the indigenous people of Arctic regions ► Similarly, the term, 'Siamese Twins Galaxy' used to refer to NGC 4567 and NGC 4568 — a pair of spiral galaxies found in the Virgo Galaxy Cluster — will be renamed ► NASA said it will use only the official, International Astronomical Union designations in cases where nicknames are inappropriate

VIEWPOINT



NASA TO FIX 'HARMFUL' NICKNAMES FOR COSMIC OBJECTS

In a bid to do away with insensitive or harmful nicknames, NASA is examining its use of unofficial terminology for the cosmic objects. Most official documents have moved away from its use, NASA said.

WHY THIS MOVE

- "These nicknames and terms may have historical or culture connotations that are objectionable or unwelcoming, and NASA is strongly committed to addressing them," said Stephen Shih, associate administrator for diversity and equal opportunity, NASA. Science depends on diverse contributions and benefits everyone, so this means, we must make it inclusive, he added
- Nicknames are often more approachable and public-friendly than the official names for the cosmic objects, such as Barnard 33, whose nickname, 'the Horsehead Nebula' invokes its appearance
- But critics say often seemingly innocuous nicknames can be harmful and detract from science
- NASA said it will be working with diversity, inclusion, and equity experts in the astronomical and physical sciences to provide guidance and recommendations for other nicknames and terms for review
- The announcement came amid the Black Lives Matter movement gaining momentum worldwide

YOUR CORNER

Share your views at toinie175@gmail.com

A GRATITUDE to our COVID WARRIORS



As they say, unprecedented times test your real character and our Covid warriors, who have risked their lives to keep us safe by working 24 x 7, have proved it in the last five months, becoming an inspiration for all of US. Let's join hands in showing our gratitude to the real heroes this Independence Day.

Share with Times NIE on how you plan to show your gratitude. Send in your article (50 words), video (less than 2 min), paintings, poems or any other way that can drive this campaign

THE LAST DATE OF ENTRY: **AUGUST 13, 5PM.** The top entries will be published in Times NIE!!!

CALCUTTA PUBLIC SCHOOL, BAGUIATI

SCHOOL TOPPERS SHARE SUCCESS MANTRAS

SRIJEETA CHAKRABORTY
ISC, HUMANITIES, 98%


Study Plan: I used to have a routine study time and plan which subjects to study on the very day. And before the Boards also I used to follow a schedule, since I believe to score high marks in ISC one needs to be disciplined.

Key Challenges: Since I had chosen my desired stream, I did not face many challenges as such. Only I had to devote a little more time in mathematics (my favourite subject) than other subjects. Otherwise all my school teachers and my parents used to solve the problems I faced. I am grateful to all of them for always extending their helping hand and greeting me with a smiling face.

Dealing with pressure: I always used to tell myself that if I would be pressurised, my performance would only deteriorate. So I tried to maintain patience of mind before the examinations.

My Motivation: My ICSE examination was not up to my expectations and it was the prime motivating factor that used to boost me up. My school teachers and my parents always used to cheer me and acted as my source of strength.

Balancing academics with ECA: I used to participate in most of the co-curricular activities organised by our school. I also used to participate in the Frank

Anthony debate competition, inter-school debate competition, inter-school quiz competition and other intra and inter state level competitions and earned laurels for my school. I took part since I loved to so I did not take any special preparation for those activities. In school the co-curricular activity period was enough for my preparation.

Advice To Future Aspirants: Be well disciplined and honest to yourself. For whatever duration you study, study with full concentration because we all should remember that once time flees it never returns.

Future Plans : My dream is to crack the UPSC examination and be a successful IAS officer.

TEJAS BAJAJ
ISC, COMMERCE, 96.5%


Study Plan: I had always made sure that I was consistent the entire year. Subjects like mathematics and accounts which require constant practice were given due importance every day. For other subjects, I tried to include them at least once in my weekly schedule. When only six months were left, I increased my hours of studying and aimed at completing the whole syllabus two months prior to the Boards. After that, it was all about solving test papers which I marked on my own; this highlighted my mistakes and ensured I

didn't repeat them. This approach helped me revise the entire syllabus and increased my efficiency in solving papers.

Key Challenges: I made a conscious effort to improve in the subjects I was weak. I practised enough questions and cleared my doubts regularly from my teachers who were very accommodating and helpful. I limited my activity in social media and used it to my advantage.

Dealing with pressure: I was lucky in this regard as my parents never pressurized me for my studies, and have always maintained that I am responsible enough to understand the importance of exams in my career. This gave me the much needed independence of understanding my strengths and weaknesses and working on them. As for the last few days just before the exams, I was confident and made sure that I didn't let any kind of negative feelings affect me.

Motivating myself: I feel having a set routine is a good way to stay motivated.

I always planned my week beforehand and tried to stick to it. Also, I had a friends circle consisting of motivated people which created a healthy competition among us. This drove me to perform better.

Balancing academics with ECA: I have always been a cricket enthusiast. Watching matches, playing cricket was refreshing after a long day of study. I feel any physical activity helps us focus better. I also spent time with my friends and family and enjoyed the time with them to the fullest.

Advice To Future Aspirants: There's always hype around board exams, try not to succumb to it. You should always have clear cut goals and stay disciplined towards it. Working hard and planning everything is a true success mantra to achieve your goals.

ANIRBAN SARKAR
ISC, SCIENCE, 94.75%


Key challenges: Lack of concentration/distraction; Rigorous preparation of huge syllabus; Writing long essays/ answers; Understanding some concepts

Tackling challenges & pressure to perform: Studying regularly; Identifying and focusing/discussion of

important points with friends; Doubt clearing and guidance from teachers; Practising writing on various topics; Taking part in various recreational activities/taking rest for sufficient time to keep mind stress free

Motivating myself: An urge to perform well and stand out of the crowd; Realizing that the result of ISC examination would be required for my future studies and serve as useful reference throughout my academic journey

Balancing academics with ECA: I allocated sufficient time to pursue my hobbies. I had a rough guideline regarding time spend on each activity I tried my best to utilize time fully

Advice to future aspirants: Make a study routine if feasible and stick to it. Don't neglect any subject. Study each subject periodically. Try to minimize rote learning and understand key concepts/ideas involved. Clear your doubts from the teachers concerned. Pay attention in class. This helps a lot. Discuss important questions and concepts with friends. Solve the previous years' questions as much as is included in the present syllabus. Study regularly. Revise any new learned topic after a few days to retain them in memory. Do not pick up any new topic just before exam. Revise well the topics on which you have a firm grasp. Allocate sufficient time for your weak areas but don't neglect your stronghold. Have leisure time each day after exhaustive studying to refresh your mind.

My future plan: I would like to pursue BSc Mathematics (Hons). I plan to carry out research in mathematics in future.

ANUSHKA CHAKRABORTY
ISC, SCIENCE, 94.7%


Key challenges: Meticulous preparation of vast syllabus. Preparing long answers and essays

SWARUP DAS
ICSE, 98.4%


Study Plan: I used to follow a time-table during my preparation for the Boards studying at least six hours daily. I would practice maths daily and give slightly more attention to physics as it was my favourite subject.

Key Challenges: Initially, I was weak in history and was struggling with physics numericals. Solving past year problems helped me gain confidence in these subjects.

Dealing with pressure: My parents or teachers never pressed me hard to get great result so I had little pressure during my preparations. I gave the exams without any stress or anxiety.

My Motivation: My parents and teachers motivated me a lot. They bade me to work hard to achieve my goal.

Balancing academics with other activi-

ties: My favourite time for studying was early in the morning, so I used to keep my evenings free for extra co-curricular activities including sports.

Advice To Future Aspirants: Follow the school classes regularly and don't be excessively tensed while giving the exams.

Future Plans: My future plans are to sit for the JEE examination and be a physicist in future and serve my nation.

ARUNAVA DUTTA
ICSE, 98%


Study Plan: While preparing for the Boards, I tried to allot equal time for each subject so that the lessons would not seem hectic to me.

Key Challenges: One of the difficult subjects according to me is English and it was one of the key challenges to score well in that subject. I would

devote more time in practicing questions like essays. I also spent more time in practicing toposheets in geography.

Dealing with pressure: When I felt extremely pressurized due to the studies, I used to take short term breaks after certain periods of time in order to provide some relaxation to myself.

My Motivation: I was actually motivated by my parents, school teachers and some of my relatives (especially by my maternal grandparents) in performing well in the examinations. When it comes to me, I got motivated by the excellent results of the senior students of my school in the past few years.

Balancing academics with other activities: Besides spending a considerable

amount of time in studies, one must also engage himself in some co-curricular activities which will not only help him in recreation but also in keeping his body fit.

Advice To Future Aspirants: I am still very young to give advice, but I would like to tell them to put their best efforts in their studies and to understand each and every topic clearly instead of just mugging up the points mentioned in the books.

Future Plans: My future plan is to score well in the ISC examinations also and to become a good human in the future.

BHAVYA JHA
ICSE, 97.8%


Study Plan: My study plan was basically a simple one. From the beginning I had a target of completing the entire syllabus as soon as possible.

Early morning target setting for the whole day helped me a lot. I would never count hours for studying as I always went with the flow. I stuck to the textbooks and question solving for my entire preparation which helped me to pass through it.

Key challenges: They were basically time management and pressure of syllabus completion. The best way to overcome such challenges is just to believe in our own self. Only self-confidence helps us to face such challenges. Also, advice of parents and teachers worked well for me.

Dealing with pressure: All the students have a kind of "peer pressure" upon them, which makes them more nervous than before. For such situations, being a stress free person, I would simply ignore all these stuffs completely and only concentrated on what I ought to do.

My Motivation: Motivation is very important when we are preparing for examina-

tions as many students get disheartened due to failures. I got my motivation most importantly from my parents, teachers and friends.

Balancing academics with other activities: I usually participate in almost all co-curricular activities of the school. I am mostly sent to many inter-school competitions like debate etc. Also, being an art loving person, I would give some time to recreate myself through drawings etc. So, a small break from academics helped me to balance all.

Advice to future aspirants: Just love what you do. Enjoy the journey, enjoy studying, collection information and always keep your goal fixed. It's all about an experience to sit for a public examination, fight with our fears, and overcome our shortcomings.

Future plans: Since my childhood, I had always aspired to become a doctor and now, would go forward for the first step to execute my plans for the future.

KV Command Hospital observes Reading Day/ Week virtually

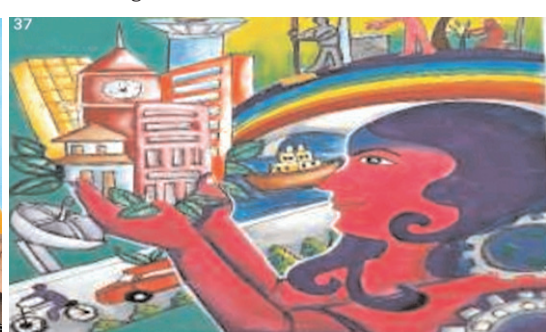
Popularly known as the Father of Library Movement in Kerala, P N Panicker laid the foundation of the holistic approach to human resources development through the library and literacy movement in Kerala. His diverse strategies aimed at educating masses and played a key role in popularising e-reading amongst rural population. A lead strategist in propagating his philosophy of 'Read and Grow', he ignited a popular socio cultural movement which contributed to the educational fraternity at large. June 19 is commemorated as Reading Day and to mark the occasion Kendriya Vidyalaya Command Hospital, virtually observed the day followed by a week-long series of focused activities to enthuse reading habit amongst the pupils under the able guidance of V K Mathpal, principal, KVCH. The entire charter of activities was etched out and conducted by the programme incharge, Nabamita Chatterjee, PGT English and was well executed by event in charges nominated for the purpose.

To promote reading habits with emphasis on technology enabled reading, which happens to be the theme for the current year, myriad activities

like preparing digital projects, paintings, slogans focusing on e-reading, story telling by the shining stars, recitation, book review sessions were conducted online throughout the week. Teachers and students administered a reading pledge to pave way for creating a reading mission, encourage, inculcate and implement 'food for thought' for the masses. During these trying times, where students are bearing

the brunt of the unprecedented outbreak, engaging in such online activities with technology as a driving force, serve as a breather in shaping and honing skills like adaptability, communication, creativity, collaboration and emotional intelligence.

- Nabamita Chatterjee, PGT English, Kendriya Vidyalaya Command Hospital



World Environment Day at Ruby Park Public School



The students of Ruby Park Public School celebrated World Environment Day despite the looming threat of Covid 19 pandemic on June 5 through their online sessions. The tiny tots engaged themselves in slogan writing where they put out the message that no matter how much harm we cause to Mother Nature, she is a merciful entity always protecting us. The senior class students made posters to point out the grave need



to conserve nature for the posterity. The students also gave a heart warming musical performance which highlighted the spirit of how we can change the world and make a better future by nurturing the environment. The students upheld the spirit of 'We are the world...we are the children; We're saving our own lives It's true we'll make a better day, just you and me'