



THE TIMES OF INDIA

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**TODAY'S
EDITION**

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STUDENT EDITION

WEDNESDAY, AUGUST 25, 2021



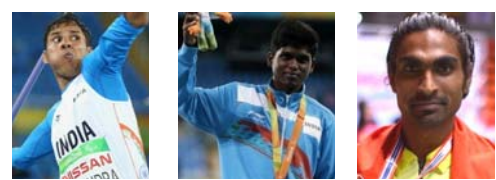
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Even if we put emphasis on the evaluation system in the exam pattern in the Indian education system, we must remember that it is not the last thing. Acquiring and sharing knowledge comes first. There are reasons to believe that the issue should be seen from different sides and perspectives. When we learn something for the first time, when we first comprehend the matter...is that linked with evaluation? We have to see. Evaluation will be certainly of use, but how much and in what way? We have to see if there is a link between evaluation and real education **Amartya Sen, economist, on the evaluation model in the present scenario**



After Olympics sparkle, India cheers for Paralympics stars

India finished 48th on the medal tally in Tokyo Olympics, its highest ranking in over four decades. Now, the Paralympic athletes are gearing up for another fortnight of promise. Let the Games begin...



1 India's contingent for Tokyo Paralympics (54 athletes) is nearly thrice as large as Rio 2016's (19). Its largest-ever Paralympics contingent will be competing across nine disciplines – archery, athletics, badminton, canoeing, shooting, swimming, powerlifting, table tennis and taekwondo. In Rio 2016, India took part in five sports. The athlete count at London 2012 was 10, with one medal.

2 India's campaign begins with para table tennis players Bhavina Patel and Sonal Patel in action.

3 **Watch out for:** Both high jumper Tamil Nadu's Mariyappan Thangavelu (India's flagbearer at the opening ceremony) and Rajasthan's Devendra Jhajharia (eyeing his third successive Olympic gold in the F-46 javelin event) will be defending their Rio 2016 gold medals. Sumit Antil, the World No.1 in the F-64 javelin, is also primed for a podium finish.

4 As badminton makes its Paralympics debut this edition, Odisha's Pramod Bhagat will be looking to leave his mark. Also, keep an eye out for 19-year-old Manish Narwal in the men's 10 m air pistol event and Aruna Tanwar, India's first para-taekwondo player.



INDIA AT THE PARALYMPICS

Rio 2016 had given India more moments to celebrate from the Paralympics than the Olympics after managing its best-ever result – two golds, a silver and a bronze each. Chances of a repeat in Tokyo are high with Gursharan Singh, India's Chef de Mission for the Paralympics, expecting at least 15 medals, including five golds. In all, India have won 12 medals at the Paralympic Games – four golds and as many silver and bronze medals in 11 edition appearances

4.7 GIGATONS


FACTOID

The amount of carbon dioxide released from wildfires raging across the planet this year, according to data compiled by Mark Parrington, a senior scientist at the European Union's Copernicus Atmosphere Monitoring Service (CAMS)...

■ As of August 2021, NASA reported that 505 megatons of carbon dioxide has been spewed into the atmosphere above the remote Sakha Republic in northeastern Siberia – well past the 450 megatons released in 2020, with several more weeks of fire season to go
■ The vast, thick, acrid fumes from hundreds of forest fires unfurled 2,000 miles from east to west and from 2,500 miles from north to south
■ In July alone, raging blazes unleashed some 350

megatons of carbon dioxide
■ In the Amazon rainforest, there have been 267 major fires detected in 2021 so far, burning 60,000 acres – or an area roughly the size of Los Angeles, according to the environmentalist site Monga Bay
■ Apart from the US and Russia, Southern Europe has seen staggering fires in Greece, Italy, Turkey, Spain Portugal, and Montenegro
■ In the Middle East, Algeria, Lebanon and Tunisia, have also been badly damaged

Carbon dioxide is the leading ingredient in greenhouse gases, fuelling climate change



IN OTHER NEWS



DELHI GETS INDIA'S FIRST SMOG TOWER TO COMBAT POLLUTION

Chief minister Arvind Kejriwal inaugurated the country's first smog tower at Connaught Place in Delhi on August 23, and said it will prove to be a milestone, and many such structures can be installed in the city if the pilot project yields results. "The structure will suck polluted air from above and release clean air from below. It will purify 1,000 cubic metres of air per second," Kejriwal said. The over 24-metre-tall structure will help improve air quality in a radius of around 1 km.

ANNOUNCEMENT ON AFGHANISTAN GOVERNMENT SOON: TALIBAN



Amid Pakistan foreign minister's Kabul visit, Taliban has announced that talks on the formation of a new government with Afghan political leaders are underway and that a new government will be announced in the near future. Abdullah Abdullah, the head of High Council for National Reconciliation (HCNR) in a Facebook post confirmed the meeting with the Taliban leaders, saying that discussions were focused on the political process and the formation of an inclusive government.

Pfizer's Covid-19 vaccine first to get full US FDA approval

The US Food and Drug Administration (US FDA) has granted full approval to the Covid-19 vaccine developed jointly by Pfizer and BioNTech. The approval is expected to "instill additional confidence to get vaccinated" with Comirnaty – the brand name under which the vaccine will be marketed – and convince the unvaccinated that the two dose vaccine is safe. Till now, the Comirnaty, like other vaccines, was being administered under the emergency use authorisation (EUA) granted by the FDA in December last year.



■ The full approval by the FDA is only applicable to people 16 years and older – it will continue to remain under EUA for children in the 12-15 age group
■ The vaccine is also not available in India as the company has not yet sought permission for use of its vaccine in the country, though the government and the company are in talks for supply of 5 crore doses

Japan aims to bring back soil samples from Martian moon by 2029

Japan's space agency plans to bring soil samples back from the Mars region ahead of the US and Chinese missions now operating on Mars, in hopes of finding clues to the planet's origin and traces of possible life. The Japan Aerospace Exploration Agency, or JAXA, plans to launch an explorer in 2024 to land on the Martian moon Phobos to collect 10 grams (0.35 ounce) of soil and bring it back to the Earth in 2029.

■ Any life forms that might have come from Mars will have died because of harsh solar and cosmic radiation on Phobos, JAXA scientists said. The NASA and the European Space Agency missions focus on potential life forms and evolution of the area of the Jezero crater, believed to be an ancient lake
■ By studying Phobos soil samples including



material from Mars, scientists hope to learn about the evolution of the Martian biosphere
■ The rapid return trip would put Japan ahead

of the US and China in bringing back samples from the Martian region despite starting later, scientists said



Scientists calculate pi to a new record of 62.8 trillion figures in 108 days!

Pi has been calculated to an astonishing 62.8 trillion figures by a team of Swiss scientists, who spent 108 days working it up – 3.5 times as fast as the previous record. Researchers haven't revealed the exact numbers involved in the extra 12.8 trillion digits, as they are waiting for the Guinness Book of Records to certify their achievement, but say the final 10 digits they discovered are '7817924262'

► The number p (pi) is a constant in mathematics that is roughly equal to 3.14159, and is the ratio of a circle's circumference to its diameter.
► The previous record of 50 trillion digits was set by Timothy Mullican from the US, who achieved the feat after eight months of processing in January 2020

1 The invention of calculus in the late 17th Century, independently by Isaac Newton and Gottfried Leibniz, allowed scientists to calculate pi to hundreds of digits

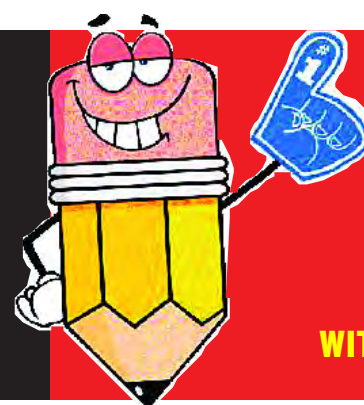
2 With the invention of computing devices in the 20th Century, the race began to increase the accuracy and push computers to their limit

3 Apart from being useful in mathematics and science, pi is also used every day by engineers and craftsmen

(SOURCE: DAILY MAIL)



Beginning the journey of learning in an alphabetical order, Times NIE takes you through one concept from each subject every week



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CLASSROOMS TO EXPERIENCE ZONES

GEOGRAPHY

LAGOON

Many people confuse lagoons with lakes, bays, estuaries, and other water bodies. So, what is a lagoon? Some of the most beautiful water bodies in the world are lagoons. Usually found near or in an ocean, a lagoon is shallow and separated from the ocean by coral reefs, sand bars or barrier islands.

DID YOU KNOW?

Although there are many lagoons, hardly any of them have the word 'lagoon' in their names! The Great South Bay (New York), Albemarle Sound (North Carolina), and Lake Illawarra (Australia) are actually all lagoons, though you can't tell that from their names. Although people often call them bays, lakes or estuaries, they're actually lagoons



Characteristics of a lagoon

A lagoon is a shallow body of water separated from a larger body of water by reefs, barrier islands, or a barrier peninsula.

They can have fresh water; ocean water; or brackish water. Brackish water has more salt in it than fresh water, but less salt than ocean water.



Atoll Lagoon

Mostly found in the Indian Ocean or in tropical waters like the South Pacific, Atoll Lagoon is always filled with salt water.

An atoll is a ring-shaped coral reef, island, or series of islets; it surrounds a body of water called a lagoon. Sometimes, atolls and lagoons protect a central island. Atolls develop with underwater volcanoes, called seamounts.

Coastal Lagoon

Coastal lagoons form along gently

sloping coasts; they are shallower than atoll lagoons and are separated from the ocean by an island or reef.

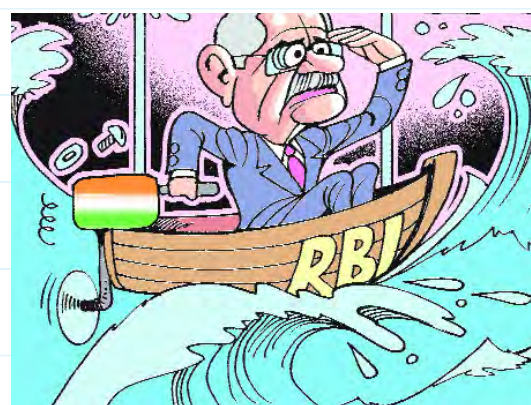
The Kerala backwaters are a network of brackish lagoons lying parallel to the Malabar Coast.

Located in the state of Odisha, Chilika is the largest coastal lagoon in India and the second-largest lagoon in the world.

TEACHER PROMPT: As extension activity, teachers should ask kids the difference between fringing, barrier, atolls and patch reefs

ECONOMICS

LIQUIDITY



Liquidity is the ability to convert capital to cash. It is an important consideration for businesses and individuals as liquidity is required to meet financial obligations such as payroll and bills. Some types of capital are considered liquid and others are aren't. The following are common examples of liquidity.

CASH

Cash of a major currency is considered completely liquid.

Restricted Cash
Legally restricted cash deposits such as compensating balances against loans are considered illiquid.



MARKET SECURITIES

Financial instruments that can be bought and sold on a public market. The liquidity of marketable securities relates to the daily trading volume of the security. A government bond with high trading volumes is considered almost as liquid as cash. A small cap stock with little volume is considered illiquid.

CASH EQUIVALENTS

Cash equivalents include marketable securities and other cash-convertible instruments such as treasury bills and commercial paper.

CREDITS

Unused credit such as a line of credit may help an entity to achieve liquidity. Such facilities may be subject to terms that make them far less reliable than cash in a liquidity crunch. For example, if a global financial crisis occurs, banks may have incentive to revoke lines of credit.

ASSETS

Assets such as inventory, receivables, equipment, vehicles and real estate aren't considered liquid as they can take many months to convert to cash. In the event of financial stress, such assets can become difficult to convert to cash at all.

LANGUAGE

LANGUAGE

By Kartik Bajoria
Jaipur-based
Communication Skills
Educator & Writer

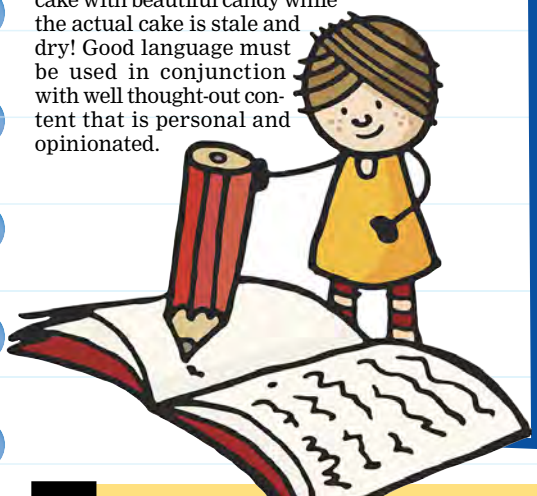


It might seem a bit odd that in a language column, I am talking about 'L' for Language'. However, language may not be a concept in itself; the kind of language we use in writing and communication is of utmost importance.

Usually when we are advised about language in writing, we are encouraged to use complicated, big, flowery, elaborate words. We are often suggested that we must employ our absolute best vocabulary, make a showcase of our language prowess. Language competence itself has been exaggeratedly married to flowery words. That is the myth I want to dispel here.

Good writing does not necessarily mean language flourish. Sure, it is good if one's vocabulary is rich and diverse; there are however other facets in writing that, by comparison, are far more important. In terms of non-fiction writing, it is vital that the writer communicate his/her opinions, points of view, perspective, thoughts on the given topic/subject, rather than merely take content from the internet (or another source) and write it in a fancy manner.

In fiction writing too, it is much more important to stress on characters, their conflicts, their struggles, and time ought to be invested in delving into the different shades/layers of their personalities rather than merely peppering the writing with big words. Fancy language without content substance then is like garnishing a cake with beautiful candy while the actual cake is stale and dry! Good language must be used in conjunction with well thought-out content that is personal and opinionated.



MATHS

By Sandeep Srivastava
Educator since 20 yrs, he specialises in making Maths easy and fun



LONG FORM

Many a times numbers are expressed in short form and we must read them in long form to get their fuller import. The number forms that are of particular importance are: exponents, square, cube, logarithm, ratio, rate, unitary rate, percentage, and proportion, as well as sequences and series.

These are pre-calculated tables that facilitate use of logarithms. Common logarithm of a number can be separated into integer part (characteristics) and fractional part (mantissa).

A DREAM CONNECTION EXPONENTS
Exponents are a short way of representing repeated multiplication of same number.

OPERATION ON EXPONENTS
Operations of exponents helps multiplication and division expressions involving

same base to be simplified.
LOGARITHM
Logarithms are another way of writing exponents. It represents the power to which a base must be raised to produce a given number. The base of the logarithm is always the same as the base of the exponent. They speed up multiplication (and division) calculations, by converting them into simple addition expressions. Base 10

10000 x 1000000 = log 10000 + log 1000000 = 4 + 6 = 10¹⁰

based logarithm is called common logarithm.

WHERE DO WE USE LOGARITHM?

Logarithms reduces big numbers into smaller manageable numbers. Earthquakes, decibels and pH are measured using logarithmic scale. It helps in solving half-life, decay constant, or unknown time in exponential decay problems.

LOGARITHMIC TABLES

These are pre-calculated tables that facilitate use of logarithms. Common logarithm of a number can be separated into integer part (characteristics) and fractional part (mantissa).

USING LOGARITHM TABLES
Finding the product of numbers, say x and y, starts with looking up the logarithmic values of the two, adding the values, and then converting the sum of logarithmic values (the product) into its decimal number form (known as antilogarithm - reverse of looking for logarithm).

RELATIONSHIP OF NUMBERS
Ratio is the common name used for number relationships expressed as a:b, where 'a' and 'b' are two numbers (quantities), and if one number is 'a', then the other number will be 'b'.

WHY ARE RATIOS IMPORTANT?
Ratio reduces two sets of values to just two numbers, e.g., relationship between series 'a' and 'b', is a:b.

We usually express ratios in simplest terms, using the smallest numbers that can express the relationship; for example, 4:6 is better expressed as 2:3. Ratio can also be expressed for more than two quantities, e.g., 5:3:11.

LIMITATION OF RATIOS
1. In ratios, only similar things have definite relationships. In a:b, 'a' and 'b' may both be weight, height, money, etc. Thus, 2 teaspoons: 1 cup is not a valid ratio unless we express teaspoon and cup in the same unit, such as 10ml: 200ml.

2. Ratio expresses an order in relationship;

4:12 is not same as 12:4.
3. Ratio is about quantitative relationship of numbers (quantities).

RATE

Rate is a special kind of ratio. It shows the quantitative relationship between two different kind of quantities, having different units. Speed is a rate that is the ratio of distance and time. Price of things is mostly expressed as rate. A very common ratio, e.g., price per dozen.

UNITARY RELATIONSHIPS

It's a kind of special rate. When one of the quantities is expressed in one unit, and the other quantity is scaled up, or down, multiplicatively. For example, if a ratio is 16:42, then two unitary ratios are possible:

$$1: \frac{42}{16}, \text{ or } \frac{16}{42}:1$$

PERCENT (%)

Percent is a special kind of unitary relationship where the 'unit' is 100, not 1. It is a numerical value followed by the sign %, such as literacy rate is 99% (i.e., 99 out of every 100 is literate). The unit, or the quantity, is that of the thing being expressed.

80% is 80 per 100, i.e., 80 for every 100
Thus, 80% of 120 can be calculated as:
 $120 = 100 + 20 = 100 + \frac{2}{10} \times 100$

80 % of 120 = 80% of 100 + 80% of $\frac{2}{10}$ of 100 = 80 + $\frac{2}{5} \times 80 = 96$.

'RATIO OF RATIOS' - PROPORTION

Two ratios can also be in relationship; each relationship being expressed as a ratio. When the two relationships are same, it is called proportion, e.g., relationship between 3:4 and 12:16, can be expressed as 3:4::12:16.

SEQUENCES AND SERIES

Another way to express relationship among a set of numbers: arithmetic progression, geometric progression.

Tamil *tupassi* meaning bilingual, but later adopted the Portuguese term.

Global Indian Labour Force

The story of lascars is an integral part of the colonial experience of the sub-continent. Gopal Balachandran refers to lascars as the first global Indian labour force. Through their work, they often travelled across the port-cities of the British empire. In particular from the 18th century onwards, many lascars started settling in British port cities as sailors and servants. Some chose to stay in Britain of their own will. Many were abandoned by their shipmasters and were forced to stay.



They took British names and got baptised to assimilate into the British society. Despite being a very important part of the colonial enterprise, lascars often faced brutal discrimination by the British. They were paid very little compared to their white counterparts, and often lived in poverty.

Role in World War

The lascars served all over the world in the two world wars. In Kolkata, the Lascar War memorial commemorates the 896 lascars who died serving on ships of the Royal Navy and British Merchant Navy during the World War I.

In the World War II, thousands of lascars served on British ships throughout the world. With the decline of British empire, the numbers of lascars dwindled, as did their mention from the history of Britain, sub-continent and the British Empire.



HISTORY

LASCARS

Mahia Bashir writes for Times NIE about interesting events and terms from history. The author is pursuing BA prog at St Stephen's College, and interning at the History Diaries - an initiative to revamp the current pedagogical system of history through tours, drama in schools

Lascars were sailors or militiamen from the Indian Ocean who served on European ships from the 16th through 21st centuries.

The term lascar derived from the Persian word for army or camp followers, 'Lashkar'. It was used by the Mughals and in the Urdu language to describe horde-like formations in battlefield.

The Native Seamen

When the Portuguese took control of the Indian Ocean in the 16th century, they employed native sea men from regions across the ocean from Africa to Middle East to India because these people were knowledgeable about the dynamics of navigation.

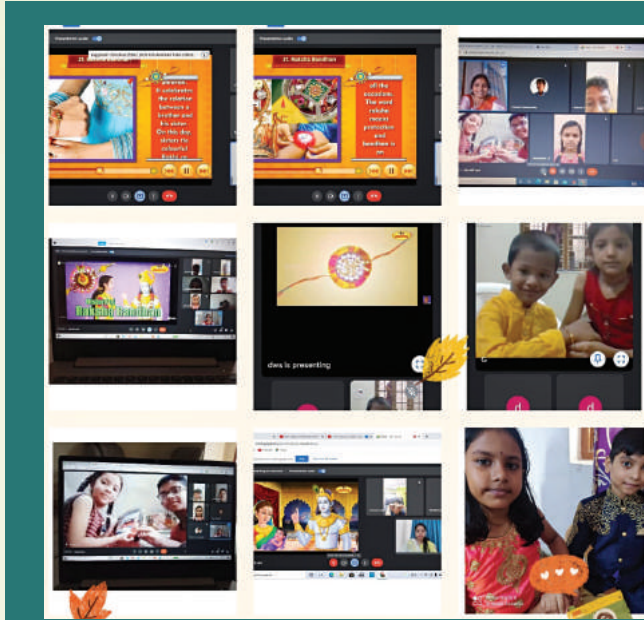
The Portuguese designated these sea-men as 'lascars'. Through Portuguese ships, many lascars found their way to the Dutch, French and English ships that plied the Indian Ocean. By the 19th century, the English controlled the highest volume of shipping and employed many native-shipsmen. The English initially referred to them as 'Topazes' (from the

The sacred thread of love & protection



Ushakiran, Facilitator, Gitanjali International School Hyderabad

Raksha Bandhan is a festive occasion to honour the special relationship between a brother and sister. To strengthen the bond of love between the siblings, Gitanjali International School conducted a rakhi making activity for students of all classes. Students eagerly showed their creative rakhis. Tying the sacred thread on the brother's wrist by the sister symbolises a unique and special relationship between them. In return, the brother showers his sister with gifts and pledges to protect her.



India is known for its festivals. Among these we are fond of Raksha Bandhan where we celebrate the bond of love between a brother and sister. It is a day for brothers and sisters to reaffirm their bonds of affection. Sisters tie colourful threads or rakhi on their brothers' wrists and apply a dash of vermillion on their forehead while praying for their long life. Brothers, in turn, give their sisters gifts while promising to protect them throughout their lives. Students of Delhi World School celebrated Raksha Bandhan with much

Lilly Jesny, English Facilitator, Delhi World School Shadnagar

jubilation. Teachers explained the significance of the day to the little ones on the occasion.



Pallavi Model School Bowenpally

Raksha Bandhan stands out as a unique tradition of our culture that emphasises the importance of relationships and family ties. A simple thread binds the sentiments of security and affection between a brother and sister. The pre-primary department of Pallavi Model School, Bowenpally celebrated the festival with much jubilation. The little ones, dressed in traditional attires, tied rakhi to their siblings. The beautiful rakhis were handmade by the students with the help of their art teacher.



There is no bond of love like the bond between a brother and a sister. Raksha Bandhan is one of the most endearing ways to celebrate this bond. To strengthen this bond, Birla Open Minds International School conducted a special assembly. Students learnt about the significance of this festival in our culture. They participated with great enthusiasm by singing songs and making colourful rakhis. Girls also decorated and displayed the 'pooja thali' prepared by them to felicitate their brothers. The celebration of our festivals with true spirit not only teaches students our tradition but also makes them feel proud of our culture.

Birla Open Minds International School Hyderabad

With almost all COVID curbs relaxed, schools too should reopen

It is time schools welcomed back their students on campus. When crowded places like malls and cinemas are open, schools, which have a more important duty to render, should reopen. The health of youngsters is deteriorating day by day. Eyesight problems and obesity are among the health issues directly related to online classes.

For the past one and half years, students are yearning to see their friends and teachers and waiting to get back to normal physical classrooms.



Reopening of schools will ensure physical activity and as such their mental condition will also improve after seeing and talking to their classmates after a long time. Distractions such as phones and TVs will no longer be there when physical classes resume. Reopening of schools will benefit teachers as well, for they will be able to monitor students more effectively. Reopening of schools should surely happen soon.

BHAVYA LAKSHIMSHETTY, class IX, Sister Nivedita School



DEBATE

The Covid-19 curbs have been relaxed in most states, especially in Telangana. While people got used to wearing masks and using sanitizers, the practice of social distancing is still not being strictly followed. With Delta variants emerging from time to time the situation is still unpredictable. Each day brings news of a country reporting record number of fresh cases. Opening schools in such

a scenario may worsen the situation. Last December, all children who attended a government school in Odisha got infected, even with most of the staff vaccinated. Such incidents were in fact reported in many states of India, where schools reopened and had to close again. Therefore, we cannot open schools until we are at least sure that the vaccines which are safe for the children are ready. We need to wait for the vaccine process to be completed among children before reopening schools.



RHEMA ANNETTE B, class VI B, Gitanjali Primary School, Hyderabad

AGAINST

Celebrating freedom with pride

Independence Day was celebrated by the students from classes I to V of Gitanjali Devshala by paying tributes to the fearless heroes of the freedom struggle. Students danced and sang with patriotic spirit as artistic minds illustrated the sentiment through craft.

Without confining their expressions to colours and paints only, the students also used the simplest of household items and infused them with life! Some used music as an expression of their love towards the country. Groups of students played musical instruments while everyone sang the national anthem with pride. A brief history of our country's struggle for freedom and the colossal sacrifices made by our great freedom fighters were shown to the students on the occasion.

Along with art, music and literature, students rendered beautiful poems as well which were strung with beads of honour and devotion towards our country.

Gitanjali Devshala Hyderabad



INDIA'S DIAMOND JUBILEE

The diamond that becomes India's this year, Radiates a brilliance greater than that of the Kohinoor. It signifies a worthwhile journey of 75 years. Since we gained full control of our glorious moor. But this diamond was not always crystal clear. It had to be washed in the blood of our soldiers. Shaped by many revolutions for liberation. And given to us, the people, for safekeeping. Now, we can finally admire its brilliance. Inside it, are our country's greatest achievements. Now, we can once again feel national pride. As we see our fluid tricolour in the sky.

V KRISHNA SAI GAYATRI, class XII A, Bharatiya Vidya Bhavan's Public School (Vidyashram), Jubilee Hills

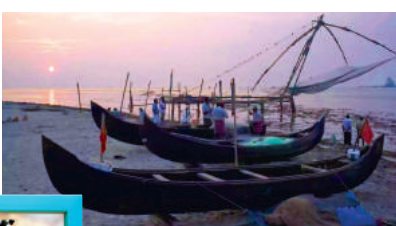


FORT KOCHI, STEEPED IN HISTORY

During a summer vacation, I along with my parents and brother visited my grandparents in Kochi. We planned to explore Fort Kochi, popularly known as the Queen of Arabian Sea and known for its beaches and historic monuments.

Fort Kochi is about 13 kms from my grandparents' home.

First, we visited Fort Kochi beach. On its shore are Chinese fishing nets, Kochi's most recognizable sight. It is present from the 14th century and is still in use today. The nets are set up on teak and bamboo poles and each



net is operated by about 6 fishermen.

After that, we visited the St Francis Church in Fort Kochi. It was built in 1503 by Pedro Alvarez De Cabral. It is the first Portuguese church in India. Portuguese explorer Vasco da Gama, who discovered the sea route

from Europe to India, died in Kochi in 1524 on his third visit to India. His body was originally buried in this church, but after 14 years his remains were moved to Lisbon. The gravestone of Vasco da Gama can still be seen here.

We took a walk along the streets of Fort Kochi which had many unique handicrafts shops and did a bit of shopping. I will always cherish the memories of our visit to this historic place.



LAKSHMI K S, class VIII C, Bhavan's Sri Ramakrishna Vidyalaya, Sainikpuri

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INDIA LOOK TO DOMINATE

Aim to seal third Test against wounded England as India eyes unassailable series lead

A supremely confident India will look to tighten the noose around a struggling England and captain Virat Kohli will be expected to overcome his prolonged lean patch when the third Test of the five-match series begins here on Wednesday.

Kohli's last international hundred came in November 2019 and though he has scored a couple of 40s in the series so far, the expectations have always been sky high from the modern great. He looked a tad vulnerable around the off-stump in the first two Tests and one can expect him to present a tighter technique when the ball is pitched on the fourth stump at Headingley.

No worries over form

The form of Cheteshwar Pujara and Ajinkya Rahane had also been a cause of concern for India but that has been put to rest after the experienced duo batted for almost 50 overs on day four of the Lord's Test and were responsible for taking the game to the final day before the Indian pacers scripted a famous win.

The performance of openers Rohit Sharma and K L Rahul has been the biggest plus for India in the batting department. Both have shown remarkable temperament and technique in testing conditions to give the team a solid start. Rahul, who was drafted into the team in place of injured Mayank Agarwal, has grown in

confidence with each innings and seem to be sure about which balls to play and which ones to leave, which is critical for success in English conditions.

Rohit too has looked in sublime touch and only needs to figure when to play his trademark pull shot, having fallen to that stroke twice in the series so far.

Rishabh Pant will play the way he plays and Ravindra Jadeja has also done a decent job at number seven. It can be said that he is playing in the team more as a batsman than as a left-arm spinner.

With conditions expected to be cold and favourable for the pacers at Headingley, India are expected to retain the four-prong pace attack, leaving no space for R Ashwin once again. Shardul Thakur is fully fit but it is unlikely that Kohli will make any changes in the pace attack which won India the game on day five at Lord's.

Ishant Sharma, who had not played the opening Test, was really impressive at Lord's and the hugely experienced pacer is likely to be preferred over Thakur, who is the lesser bowler compared to Ishant, but the better batsman.

The potency of the world-class attack has been increased by Mohammad Siraj, who was sensational on day five and has impressed many with his relentless accuracy. India last played here in 2002 when they registered a famous win by an innings and 46 runs. None of the current players have the experience of playing on this ground and it will be interesting to

see how they adapt to the challenge.

New faces in Eng squad

England, on the other hand, will be hoping their batting woes will subside with the inclusion of white-ball specialist Dawid Malan. Malan last played a Test three years ago but is expected to deliver considering his rich first-class experience.

The southpaw will bat at number three, moving Haseeb Hameed up the order to open alongside Rory Burns. England batsmen have to find a way to score and help skipper Joe Root, who has made of the bulk of the team's runs so far.

Mark Wood, who troubled the Indian batsmen with his extra pace, is injured and that puts Saqib Mahmood in good position to make his Test debut on Wednesday.

Ahead of the game, Root confirmed that barring Wood, the team is not facing any fitness issues with lead pacer James Anderson also in good shape.

Root has also hinted that his players will not be drawn into needless exchanges with the opposition players after things got heated up at Lord's with India getting more out of the verbal battles. **m**



Photo: GETTY IMAGES

Virat Kohli celebrates after India's Mohammed Siraj took the wicket of England's Jos Buttler during the fifth day of the 2nd cricket test between England and India at Lord's

Photo: AP

ANTONIO LEADS WEST HAM TO SECOND WIN

Record-breaker provides entertainment with his goal celebration

Michaël Antonio's record goal for West Ham was sealed with a kiss. The fun-loving striker became the London club's all-time leading scorer in the Premier League era, moving onto 49 goals by netting twice in a 4-1 win over 10-man Leicester at the Olympic Stadium on Monday. Antonio's first - a close-range shot on the turn to make it 3-1 in the 80th - moved him past Paolo Di Canio's previous record mark of 47 and he celebrated by running to the sideline and raising aloft a cardboard cut-out of himself. Spinning around to cheers from a packed crowd, Antonio - whose goal celebrations often provide amusement - finished his routine by planting a kiss on himself before tossing the cut-out to the ground.

He said the celebration was based on 2001 movie "Save The Last Dance" and was pre-planned, having placed the cut-out behind West Ham's dugout before kickoff. "I've not been celebrating of late because of VAR," Antonio said. "I was like, If I'm making history, I've got to do something special."

I started it off doing celebrations so I've got to finish it doing celebrations." Antonio - a converted striker, having played as a winger and even a full back since joining West Ham in 2015 - still had time to add a second goal, stretching to prod home a finish in the 84th after controlling a right-wing cross. It wrapped up West Ham's second straight victory to open the season.

David Moyes' team is one of five to be on a maximum six points after two rounds, and is in first place on goals scored. "I've challenged the players to find that extra two points that could have been enough to get us in the Champions League," Moyes said, referring to his team finishing in sixth place last season - two points behind fourth-place Chelsea. "I could be asking far too much but what else am I going to do - stand here and say we want to avoid relegation?"

Algeria winger Said Benrahma, who has also started the season strongly like Antonio, set up Pablo Fornals for West Ham's 26th-minute opener before scoring himself to put West Ham 2-0 ahead. Saad Benrahma repeated his goal and assist from the win at Newcastle. **AP**

Michail Antonio

Photo: REUTERS

DYBALA, MESSI RECALLED FOR ARGENTINA WC QUALIFIERS

Striker Paulo Dybala was called up to the Argentina squad for the first time in almost two years after an impressive start to the season with Juventus. Dybala was included in the squad for three upcoming World Cup qualifiers in September, with veteran Sergio Aguero out injured. Coach Lionel Scaloni included most of the players who won the Copa America in July. Argentina's first major title in almost 30 years. Lionel Messi, goalkeeper Emiliano Martinez and striker Angel Di Maria, the scorer of the winning goal against host Brazil in the final, were all called up.

Dybala was part of the 2019 Copa America squad and has played 29 games in total for Argentina. The team is second in South American qualifying with 12 points from six matches. They have away games against Venezuela and leader Brazil. **AP**



Paulo Dybala



Lionel Messi

Photo: GETTY IMAGES

Photo: GETTY IMAGES

QUIZ TIME!

Q1: Which two new sports will feature in the Tokyo Paralympics Games this year?

- Chess and Squash
- Badminton and Taekwondo
- Croquet and Snooker
- Padel and Kabaddi

Q2: Which country clinched the latest ATP Cup tennis tournament?

- Italy
- Russia
- Switzerland
- France

Q3: Who was the youngest winner in cycling's three Grand Tours 2020?

- Tadej Pogacar (Tour de France)
- Tao Geoghegan Hart (Giro d'Italia)
- Primoz Roglic (Vuelta a Espana)
- They were all the same age

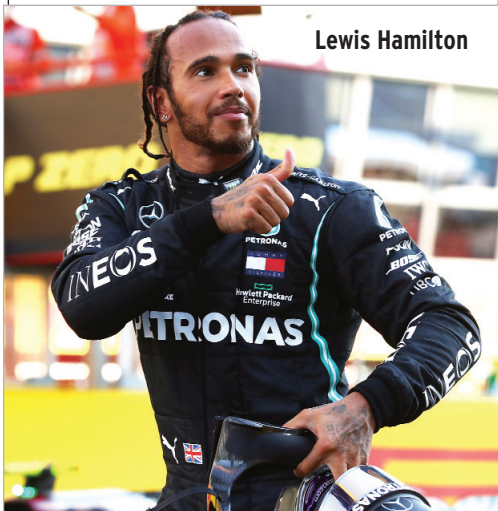
Q4: Which club has already lost more matches this season than they did last season?

- Cheltenham Town
- Rangers
- Cambridge United
- Celtic

Q5: At which race did Lewis Hamilton clinch his seventh world title, equalling Michael

Schumacher's all-time record?

- Turkish Grand Prix
- Bahrain Grand Prix
- Emilia Romagna Grand Prix
- Sakhir Grand Prix



Lewis Hamilton

Photo: GETTY IMAGES

Q6: Which cricketer was the first in the world to take 200 wickets against left-handed batsmen?

- Muthiah Muralidharan
- Ravichandran Ashwin
- Anil Kumble
- Shane Warne

Q7: Chelsea have re-signed Romelu Lukaku for £97.5m. Lukaku made 15 appearances for Chelsea in his first stint at the club. How many goals did he score then?

- One
- Ten
- Fifteen
- None

Q8: Who won player of the series at the men's ICC World T20 in 2016?

- Virat Kohli
- Marlon Samuels
- Joe Root
- KL Rahul

Q9: Which Liverpool player had the worst disciplinary record in the Premier League in their title-winning season?

- Fabinho
- Joe Gomez
- Trent Alexander-Arnold
- James Milner

ANSWERS: 1. b. Badminton and Taekwondo
2. b. Russia 3. a. Tadej Pogacar (Tour de France)
4. b. Rangers 5. a. Turkish Grand Prix
6. b. Ravichandran Ashwin 7. d. None
8. a. Virat Kohli 9. b. Joe Gomez