



THE TIMES OF INDIA

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**TODAY'S
EDITION**

➤ Educators tell us why
is it important to have a
firm grip on history and
civics

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Lakshmi Bai, one of the
first freedom fighters of
the country, still
inspires this generation

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against Valencia, move
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STUDENT EDITION
TUESDAY, SEPTEMBER 21, 2021

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WILL VINISHA'S SOLAR IRON CART earn her a Royal 'Earthshot crown'?

malini.menon@timesgroup.com

In October 2020, Vinisha Umashankar, grade 9 (then), SKP Vanitha International School, talked about a little dream she envisioned from a small town in Tiruvannamalai, Tamil Nadu, of creating solar iron carts, which can be a massive gamechanger in the crusade against climate change. For this, with limited resources and relying mostly on online purchase of raw materials due to the lockdown, she built a blueprint of the cart brick-by-brick and got it patented by the National Innovation Foundation of India, Gujarat. Her project received recognition when she won the Children's Climate Prize 2020 from the Nobel Banquet Hall in Sweden, first reported by Times NIE on November 2, 2020.

Giving a thumbs-up to Vinisha's initiative now is HRH Prince William, who announced her name in the 'Clean Our Air' category along with other first-ever finalists of the Earthshot Prize, for her solar ironing cart. The Earthshot Prize is the most prestigious global environment prize, which is given by the Royal Foundation, headquartered in London. The first finalists in the Duke of Cambridge's ambitious £50 million prize will help repair the planet. In an exclusive interview with Times NIE, Vinisha hopes that her small dream will see a big change one day...

■ How do you feel? First, Children's Climate prize and now, the Earthshot finalist...

I never imagined a dream from a non-descript town of Tiruvannamalai, Tamil Nadu, would be recognised by world's climate crusaders. This is the biggest international prize involving huge levels of nominations. When my solar cart was among the 700 nominees, I was thrilled. Especially so, because the Foundation does not reveal who nominated you. It is after intense scrutiny by experts that the list was announced by Prince William on his YouTube channel.

■ What would be expected of you now that you are on the finalists' list?

As a finalist, I will be working closely with the Earthshot Prize Foundation. There would be interviews and presentations scheduled. Also, there is a documentary on the finalists' innovations that will be aired on BBC and Discovery channels.

■ What level of upscaling are you envisioning?

While initially, I am looking at larger production and distribution of the solar iron carts in Tamil Nadu, I hope

we get enough support for this eco-friendly transition in the whole country, and later, in developing countries that use charcoal for ironing such as in Asia and Africa.

■ How has life changed for you after winning the Climate Prize? Did anyone from India elicit interest in funding your project?

I would say I got massive recognition post the award, as this project was really talked about at various forums. However, no Indian firm really came forward and extended financial aid for the project. The government help was also limited to the patenting process



and recognition of the project.

■ What is the kind of support you hope to get?

Basically, manufacturing and management support. Getting a place to manufacture the solar iron carts in large scale is difficult without someone offering help. Also, being below 18 years, there are legal hurdles in the management as well. Hence, I really hope that with the Earthshot Prize, things will change for

■ HOW HOPEFUL ARE YOU OF WINNING THE EARTHSHOT PRIZE?

This opportunity is huge. Whether I win or not, the Foundation will provide support to upscale the manufacturing process of the solar iron cart. It is a significant transition in a schoolgirl's life when she sees her dream turning into a reality.

the better and people will see the importance of how this small step can make a big leap in getting our planet in order.



TIMES NIE BROKE THE NEWS FIRST


NOV 2, 2020

OCT 19, 2020

OCT 12, 2020

Times NIE has constantly endeavoured to encourage young minds to fulfil their dreams towards becoming the changemakers of tomorrow. Share your ideas, innovation and projects at toinie175@gmail.com

TOP 3 BUZZ OF THE DAY

CRICKET

VIRAT KOHLI TO STEP DOWN AS RCB SKIPPER AFTER 2021 SEASON

Virat Kohli will step down as captain of his IPL team Royal Challengers Bangalore, at the end of the ongoing season, the Indian batting maestro announced on Sunday, two days after deciding to quit national T20, following next month's World Cup. The 32-year-old Kohli, one of the most-decorated players of the franchise, will continue to be a part of the RCB squad.



TOURISM

FOREIGN TOURISTS MAY BE ALLOWED TO VISIT INDIA SOON



Amid a decline in Covid cases in the country, India may soon reopen its doors for foreign tourists for the first time in one-and-a-half years, officials said. First five lakh foreign tourists will be issued visas free of cost in an attempt to revive the tourism, hospitality and aviation sectors badly hit by the Covid-19 pandemic since March 2020 when a nationwide lockdown was announced.

POLITICS

CHARANJIT SINGH CHANNI TAKES OATH AS PUNJAB CM

Congress MLA Charanjit Singh Channi took oath as the new chief minister of Punjab on Monday. Channi, a Dalit leader, was the technical education minister in the former chief minister Captain Amarinder Singh's Cabinet. He was elected to the Punjab Vidhan Sabha from Chamkaur Sahib Constituency for the first time in 2007.



Covid virus evolving 'to become better at spreading in air'

People infected with Covid Alpha variant exhaled 100 times more virus into the air than people infected with the original strains of the virus, finds a study. The University of Maryland researchers state the need for better ventilation and tight-fitting masks, in addition to widespread vaccination to help stop virus spread.



■ The findings showed that the amount of virus in the air coming from Alpha variant infections was much more – 18-times more – than could be explained by the increased amounts of virus in nasal swabs and saliva. ■ These major increases in airborne virus from Alpha infections occurred before the Delta variant arrived and indicate that the virus is evolving to be better at travelling through the air.

■ To test whether face masks work in blocking the virus from being transmitted among people, the study measured how much SARS-CoV-2 is breathed into the air and tested how much less virus people sick with Covid-19 exhaled into the air after putting on a cloth or surgical mask ■ Face coverings significantly reduced virus-laden particles in the air around the person with Covid-19, cutting the amount by about 50 per cent. Unfortunately, the loose-fitting cloth and surgical masks didn't stop infectious virus from getting into the air

NEWS IN CLUES

Which is the only bike brand to be blessed by the Pope?

CLUE 1: The bike manufacturer hired Elton John to sing at its centenary

celebrations.

CLUE 2: It unsuccessfully tried to patent the sound of its engine.

CLUE 3: Its owners are often referred to by the acronym HOGs.

Answer: **HARLEY DAVIDSON.** The company's retro-style model will be the first one to be introduced by Hero MotoCorp, which has the exclusive distribution rights for the bike brand in India. While Harley Davidson's bikes were blessed by Pope Francis in 2013, the company, which started off in 1903, had tried in 1994 to patent the sound of its engine, which it gave up in 2000 after litigation from other bike manufacturers.

Emmys 2021:

'The Crown',
'Ted Lasso',
'Mare of Easttown'
WIN BIG

Shows such as 'The Crown', 'Ted Lasso' and 'Mare of Easttown' bagged 10 of the 12 acting awards during the 73rd Primetime Emmy Awards, hosted by Cedric, the Entertainer. After going virtual in 2020, the Emmys are being held in-person this year.



1 Actor Jason Sudeikis was named the outstanding lead actor in a comedy for his turn as the soccer coach in 'Ted Lasso', while Hollywood star Kate Winslet won the lead actress title in a limited series or movie for her role as a detective sergeant in 'Mare of Easttown'.



2 Jean Smart took home her fourth Emmy of her career for her role as stand-up comic Deborah Vance, and the show took home the writing and directing for a comedy awards.

REFLECTIVE LEARNING

HAVE A FIRM GRIP ON HISTORY & CIVICS

History helps us understand how the world we live in today has evolved over the years. Studying History enables us to acquire skills that help us to enter another world. We start to see the thought process of other people in another space and time. This is a very enriching experience.

The chapters in Civics are developed to make them relevant to real situations for a better and practical understanding. The overall aim in learning History and Civics is to present truth objectively, enable students to interpret the past, and draw strong opinions.

The following pedagogical learning topics promote critical, individual thinking through collaborative group activities, focusing on India's Freedom Movement, as the Colonial Rule and Indian Freedom Movement have been a large part of Modern Indian History and topics in Civics for Class X which deals with the Parliamentary Set-ups, Executive and the Judiciary.



Rupali Makhijani, educator,
SGVP International School, Ahmedabad

DEBATE

Debate enables the lectures to stand back from delivering taught content, provide students with space to educate one another and how to present arguments.

Some of the Debate topics can be...

1 The Revolt of 1857 had laid the foundation of unity and awakened the nationalistic spirit for the first time in the entire nation. The identity of being a true Indian and the awareness that the countrymen alone can rule the nation without the interference or direct rule of foreigners was realised during this time.

Conduct a class debate on the topic "The spirit of Unity and Nationalism alone can strengthen the country and lead to its progress"

2 There was a striking difference between the approach and ideologies of Netaji and Gandhiji with regard to the struggle for freedom. Is it then right to say that the British Government really needed an armed rebellion such as that put forth by the INA to have them ousted from the Indian soil and subsequently transfer Complete Independence to the Indians?



3 Enlighten students about the importance of voting in the Lok Sabha elections. Conduct mock elections for the students to give them an awareness of how the setup works. Ask students that given a choice, who will they vote for in the next elections and why? A debate can be conducted on the same.

DISCUSSIONS

Active involvement enables the students to learn more effectively by actively analysing, discussing, and applying content in meaningful ways rather than passively absorbing information.

Discussion topics can be...

1 Indian nationalism continues to strongly influence the politics of India. Do you feel that the current political scenario, the concept of nationalism, is being used to fulfill the political agenda? Is it being associated with religions, caste, or community?

2 Jallianwala Bagh massacre was one of the worst crimes during the British Rule in India, in which innocent people were mercilessly killed. Have there been similar acts in recent times in the world? Give some examples.

3 Discussion on the absence of strong opposition is a danger to Democracy and how this is also a reason that led to rise of Dictatorship in Italy and Germany?

4 Why should educational qualifications/back-ground be strongly considered for a Parliamentarian?

MIND MAPS

Mind maps help in the revision and retention of the concept and keywords.

1 Preparing a detailed mind map of the Second Phase of the Indian National Movement.

2 Preparing Mind Maps for functions of Union Executives.

AUDIO-VISUALS & PRESENTATION

1 Presentation on the influence of Gandhian principles on Martin Luther King/Nelson Mandela.

2 A PowerPoint presentation on India's Independence and Partition. Use AV and have an interactive session with the class during the presentation.

REFERENCE BOOKS & WEB SERIES

- An Era of Darkness - Dr.Shashi Tharoor
- Movie on YouTube Viceroy's House
- Hitler's Biography
- A History of the First World War-B.H Little Hart
- The Second World World- Martin Gilbert
- Netflix Web Series on the Second World War

SKILLS: Reasoning, Analysing, and how to present arguments

The Rise of Nationalism In Europe

PRACTICE QUESTIONS SET BY S RADHIKA, TEACHER, DDMS AMS P OBUL REDDY SCHOOL, JUBILEE HILLS, HYDERABAD

Q1. Explain the contribution of Otto von Bismarck in German unification.

ANSWER:

Contribution of Otto von Bismarck in German unification. Nationalist feelings started spreading amongst the middle class Germans, who in 1848, tried to unite different parts of German confederation into a nation state to have an elected parliamentarian government. However, this liberal movement was repressed by the combined forces of monarchy and military supported by Prussian landowners.

Prussian chief minister Otto von Bismarck took the responsibility of national unification with the help of Prussian army and bureaucracy. Under his leadership he fought three wars in over 7 years with Austria, Denmark and France. Prussia was victorious in all these wars and the process of unification of Germany was completed as a result of Prussia's victory over France.

Q2. Explain any three ways in which nationalist feelings were kept alive in Poland in the 18th and 19th centuries.

ANS:

The three ways in which nationalist feelings were kept alive in 18th and 19th centuries in Poland:

- Emphasis on vernacular language. Language played an important role in developing nationalist sentiments. The use of the Polish language came to be seen as a symbol of struggle against Russian dominance. For example, in Poland, following armed rebellion against Russian rule, Polish was used for church gatherings and religious instruction. As a result, a number of priests and bishops were put in jails or sent to Siberia as punishment for their refusal to preach in Russian.
- Emphasis on collection of local folklore. It was not just to recover an ancient national spirit, but also to carry the modern nationalist message to



the large audience who were mostly illiterate.

(iii) Use of music to keep the nationalist feeling alive. For example, Karol Kurpinski, celebrated the national struggle through his operas and music, turning folk dances like the polonaise and mazurka into nationalist symbols.

Q3. How did the Treaty of Vienna (1815) come into being?

(Or)

State any three provisions of the Civil Code of 1804.

ANS:

In the year 1815, delegates of the European nations which includes Britain, Austria and Prussia, had collectively defeated Napoleon. And met at Vienna to draft a covenant for Europe. Duke Metternich, the Chancellor of Austria hosted this congress. The representatives brought up the Treaty of Vienna of 1815 with the intention of destroying most of the modifications that had occurred in Europe throughout the Napoleonic wars.

(Or)

The Civil Code of 1804 introduced by Napoleon made the following provisions:

- It abolished all the privileges based on birth.
- It established equality before law.
- It granted right to property to the people.

Q4. Explain the causes of conflict in the 'Balkan area' after 1871.

ANS:

The nationalist tensions emerged in the Balkans due to the following reasons:



(i) Balkans was a region of geographical and ethnic variation comprising modern-day Romania, Bulgaria, Albania, Greece, Macedonia, Croatia, Bosnia-Herzegovina, Slovenia, Serbia and Montenegro whose inhabitants were known as the Slavs. A large part of Balkans was under the control of the Ottoman empire.

(ii) After the decline of the Ottoman empire and the growth of romantic nationalism in the Balkans, the region became very explosive. Its European subject nationalities broke away from its control and declared independence.

(iii) As the different nationalities struggled to define their identity and independence, the Balkan area became an area of intense conflict. The Balkan states were fiercely jealous of each other and each hoped to gain more territory at the expense of others.

(iv) Balkan also became the scene of big power rivalry: Russia, Germany, England, Austria, Hungary - all big powers were keen in countering the hold of other powers. This ultimately turned Balkan into a war region which eventually provided a minor cause for the First World War.

Q5. How did nationalism develop through culture in Europe? Explain.

ANS:

Culture, music, dance and religion played an important role in the growth of nationalism.

(i) **Culture.** Role of culture was important in creating the idea of the nation. Art, poetry, music etc. helped in developing and expressing nationalist feelings. Romanticism was a cultural movement that led to the development of nationalist sentiment. Romantic artists and poets criticized the glorification of reason and science and instead focussed on emotions and intuition.

(ii) **Language.** Language too played an important role in developing nationalist sentiments. After Russian occupation, the Polish language was forced out of schools and Russian language was imposed everywhere. In 1831, an armed rebellion against Russian rule took place which was ultimately crushed. Following this, many members of the clergy in Poland began to use language as a weapon of national resistance.

(iii) **Music and Dance.** Romantics such as the German philosopher Herder claimed that true German culture was to be discovered among the common people - das volk. It was through folk songs, folk poetry and folk dances that

the true spirit of the nation was popularised.

Q6. How had the female figures become an allegory of the nation during 19th century in Europe? Analyse.

ANS:

Artists in the eighteenth and nineteenth centuries portrayed nations as female figures. The female form, that was chosen to personify the nation, did not stand for any particular woman in real life. Rather it sought to give the abstract idea of the nation in concrete form. That is, the female figure became the allegory of the nation.

In France, she was named Marianne - a popular Christian name and in Germany, Germania. Germania wears a crown of oak leaves as the German oak stands for heroism. The characteristics of Marianne were drawn from those of Liberty and Republic - the red cap, the tricolour and cockade.

Q7. "Napoleon had, no doubt, destroyed democracy in France, but in the administrative field he had incorporated revolutionary principles in order to make the whole system more rational and efficient." Support the statement.

ANS:

Napoleon had brought revolutionary changes in the administrative field in order to make the system rational and efficient. The Civil Code of 1804 is usually known as the Napoleonic Code.

The first major change was doing away with all privileges based on birth, establishing equality before law and securing the right to property.

Administrative divisions were simplified.

Feudal system was abolished and peasants were freed from serfdom and

manorial dues (abuse of manorial lords). * Transport and communication systems were improved. * Peasants, artisans, workers and new businessmen enjoyed a newfound freedom. * Businessmen and small-scale producers of goods in particular began to realize that uniform laws, standardised weights and measures and a common national currency would facilitate the movement and exchange of goods and capital from one region to another.

Q8. Describe any five measures which were introduced by the French revolutionaries to create a sense of collective identity amongst the French people.

ANS:

The revolutionaries were determined to create a new sense of unity and nationhood. For this, they emphasized the concept of France being the fatherland (La Patrie) for all French people, who were from now on addressed as citizens (citoyen). They were given the tri-colour flag, the three colours representing liberty, equality and fraternity.

French revolutionaries introduced various other measures such as:

The Estate General was elected by the body of active citizens and renamed the National Assembly.

New hymns were composed, oaths taken and martyrs commemorated all in the name of the nation.

A centralized administrative system was put in place and it formulated uniform laws for all citizens.

Internal customs, duties and dues were abolished and a uniform system of weights and measures was adopted.

Regional dialects were discouraged and French, as it was spoken and written in Paris, became the common language of the nation.

These questions are for practice only. Students are advised to check format, syllabus and marks for Board test papers with their teachers. Questions have been given by teachers and NIE is not responsible for them. Photographs taken for representative purpose only.

Debut Investiture conducted with pride



Gitanjali Vedika organised the Investiture Ceremony recently, its first physical event since its inception, and the presence of dignitaries, parents, students, and teachers made the event truly special and memorable.

The guests of the day were Founder Principal and Director, Gitanjali Group of Schools, Gita Karan, Managing Director Jai Karan, Associate Director Madhvi Chandra, Co-ordinator Nitasha Karan and Pre-Primary Division Head Jaishree Narayan. The day began with the lamp lighting ceremony and the blessings of Lord Gane-

sha. Vedika Principal Sonia Nagpal addressed the gathering and this was followed by the march past by students of the four houses. The School Council leaders were then invested by Gita Karan. Emotions and pride overwhelmed all as the first set of office bearers took oath and promised to uphold their duties in right earnest.

The students who won awards in academic and non-academic fields were congratulated for their hard work. The event ended on a brilliant note and the icing on the cake was Gita Karan's inspirational speech to the audience.

UNLEASHING SCIENTIFIC TEMPER AMONG STUDENTS

Platinum Jubilee High School, Warangal (PHSW), managed by Aga Khan Education Service, India (AKESI), strives to ignite the curiosity in students about science in daily life.

Students started by understanding the ingredients used in the kitchen, the medicinal values of some of them and how they boost our immune system. They were also assigned the task of observing simple machines at home -

from switchboards which work on the closing and opening of a circuit, to the more complicated ones like the air conditioner, mixer-grinder, iron, refrigerator, washing machine and oven. Post observation, students carried out research and made pre-

sentations based on scientific principles. Students also created different models of vertical garden at home and learnt about the importance of greenery and the role of oxygen for life on earth.

The students of the Pre-Primary section were involved in germination activity and were excited to observe the life cycle of plants from seed to the sapling.

Students presented their projects in the online class and were happy to see each other's garden models.

Dr Sreeja (MBBS) and Dr Shiva Subramanyam (MD), alumni of PJHSW, spent time with the students of classes IX and X and shared their thoughts on how they were drawn to science in their student days.

Principal Jagdish Peche spoke about scientific temperament that can ignite the passion to get into the field of science in future.

PJHSW strives to create that passion for science among students through varied projects and interventions which unleash their creative potential.



COOL MOUNTAINS

In the mountains of the north, the air is as cold as it gets, and the fog blends with a sliver of sunshine, and the trees are dusted with snowflakes. As bright sunlight rests upon the lower hills filled with some colourful dewed flowers, and fresh grass with the damp soil's petrichor, and a magnificent view of the mountains ahead. There are said to be horses in these hills, that come out only at a certain time of the day. Their hooves hit the ridges with a clop, and far into these hills they stray, making their way into the mountains of the north, with a wonderful view, I must say.

KEERTHANA, class X A, Global Edge School, Madhapur

MY LAPTOP



My laptop, oh laptop, Now you are on the top. Now we without you, Can't make any opt.

Sometimes you are useful, Sometimes you are harmful, The only thing that matters, Is the way I use you.

You give us everything, You give us everything, From studies to entertainment, Till knowledge and enrichment, But the only thing that matters, Is how I use you?

You store our memories, Give us joyfulness, But if I use you wrongly, You give us darkness.

You are wireless, But not virus-free, Taking care of you, Is our duty.

My laptop, oh laptop, Now you are on the top. Now we without you, Can't make any opt.

RAGA TANMAYEE CHANDALURI, class VIII, Scholars Academy School

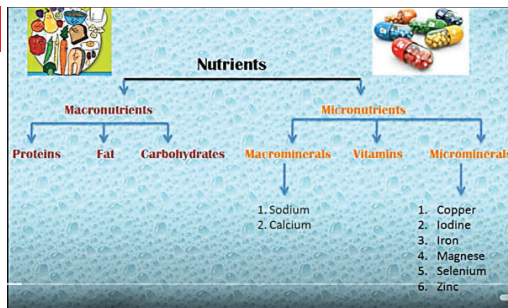
Celebrating Good Health

AMS P Obul Reddy Public School

National Nutrition Week is held to spread awareness and encourage people as a society to understand the importance of nutrition and adopt a healthy, sustainable lifestyle. Malnutrition is one of the main hurdles in the overall development of a country.

In this context, the school celebrated National Nutrition Week with the initiative taken by students of class XII Home Science Department, under the guidance of R Rachana.

They presented a short video on the theme of the year: 'Feeding Smart Right from Start.' The topics covered during the week-long events covered Malnutrition and its types and effect, Food Pyramid, Micro and Macro Nu-



trients, Food Plate, Balanced Diet, Nutrition during Early Childhood. Myths about Home Science as a subject, eating disorders during adolescence, terms like RDA, BMI were also covered.

Overall, it was a wonderful experience in gaining knowledge on nutrition through all stages of life and the ways need to be healthy.

'LIVE THE YOGA LIFE'

Yoga is an ancient practice that promotes a healthy mind and body. The exercises balance the elements of our bodies. In addition, it helps us to meditate, relax, and keep control of our mind.

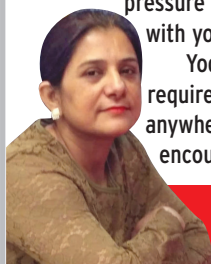
People nowadays are consumed with trying to look younger and healthier. What if we just start by bringing awareness to our body?

Yoga can help us live well at any stage of life. It's just a matter of working within your abilities. It might even help you age better, keeping you flexible and building strength.

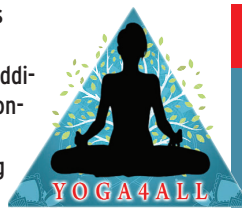
It is highly beneficial when children start practicing yoga at a young age as it lays the foundation for their lifelong fitness. Practicing yoga helps children in their physical and mental growth and improves other body functions, such as the immune system, to protect them from diseases. Yoga helps teenagers to be fit and alert. As people step into their middle ages, some become new parents, move to new cities, or step up their careers. Yoga can help them be strong and healthy enough to take these changes head-on.

Benefits of practicing yoga include a higher chance of preventing all common lifestyle disorders like hypertension, arthritis, heart problems as one grows older. Even blood pressure and cholesterol can be reduced with yoga.

Yoga is an excellent option as it requires no equipment and can be practiced anywhere. So start practicing yoga today and encourage your family to do the same.



PRIVADARSHINI SUR, English Teacher, Little Angels School, Visakhapatnam



CHANGE YOUR ROUTINE

Every day take out time and let your body be free, Exercise and yoga is the only way to make yourself glee.

Yoga helps us to be fit mentally, And teaches us to be strong physically. Daily work and no exercise will make you dull,

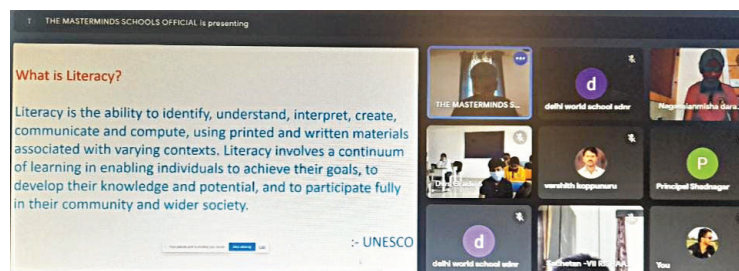
If you don't do any exercise or yoga, you will fall sick soon. Nobody likes to visit the hospital and have medicines, Therefore start to take precautions and follow a healthy routine. Start to do yoga exercise and eat all green,

Please understand you are a human, and your body is no machine. It is okay to be a couch potato, sit, and consume caffeine, But in the long run, it will ruin your health, and your health will decline. It's never too late to start a new life, Draw a line before its too late, for then you will have no time.

V NIKHILASREE, class X A3, Atkinson Senior Secondary School, Vijayawada

FOR A LITERATE SOCIETY

Delhi World School Shadnagar



International Literacy Day is a timely reminder to the world about the importance of literacy for individuals and societies. Delhi World School, Shadnagar, conducted a virtual meet to mark the day during which Naveen Podakanti from Bridge Lingua

Institute threw light on the impact of literacy on society.

He said the International Literacy Day reiterates the need for intensified efforts towards more literate societies.

The present Covid-19 crisis disrupted the learning of children and young people and adults on an un-

precedented scale.

The Unesco, through its various programmes, is trying to achieve the goal of basic education for all. Literacy is essential for eradicating poverty, reducing child mortality, achieving gender equality above all ensuring sustainable development, peace and democracy.

INSPIRING ICONS RANI LAKSHMI BAI

The warrior Queen

I draw inspiration from the one and only Rani Lakshmi Bai whose contribution to our country's freedom struggle has been immense. Rani Lakshmi Bai was also known as 'Jhansi Ki Rani.' During the 19th century, she became an icon for the freedom struggle against British rule.

Her childhood was not easy as she lost her mother at the tender age of four and was raised by her father. Under his guidance, she learned archery, self-defence, and shooting.

Rani Lakshmi Bai was fiercely independent and also peace loving, but when the British demanded her to surrender Jhansi, she became rebellious. She was so deter-

mined to save her motherland that she even tied her son to her back during the war with the Britishers and fought bravely.

The one thing that inspires me the most is her brave outlook towards everything. Her fearlessness, liberal thoughts on women's empowerment, and her prime sacrifices, made her the icon of the Indian independence movement.

YASHODA SHARMA, class XII, Sophia School, Visakhapatnam

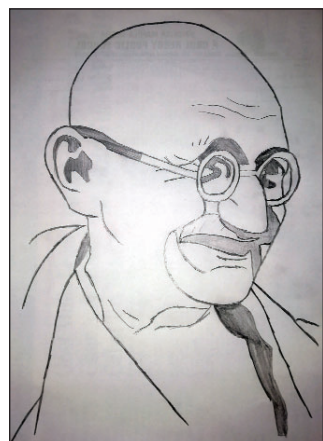


Painters' Gallery

CLICK HERE TO VIEW ONLINE



HEALTHY BOWL: SHREYAS SAHOO, class VII, DDMS P Obul Reddy Public School, Hyderabad



BAPUJI: KAKUMANI SAI VED RITHVIK, class VIII-A, DDMS P Obul Reddy Public School



VAKRATUNDA: ADITYA SRIRAM, class VII F, Delhi Public School, Nadergul

MASTER AI FROM THE MASTER HIMSELF!

Applications of Artificial Intelligence Program for School Students. (8th - 12th Standard)

DR. ABHINANDA SARKAR, Ph.D. (Stanford) Former MIT Professor, AI Entrepreneur

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IPL 2.0

BATTLE OF EXPLOSIVE TOP-ORDERS

Chris Gayle

Rajasthan Royals meet Punjab Kings in IPL

Sanju Samson

Liam Livingstone and Evin Lewis's explosive batting will meet its match in Chris Gayle's power and KL Rahul's finesse when Rajasthan Royals lock horns with Punjab Kings to improve upon their mid-table position in the Indian Premier League in Dubai on Tuesday.

Leadership will matter

The two IPL teams have been perennial under-achievers in the league and would be desperate to change their fortunes after disappointing one and all with their underwhelming performances over the past few seasons. More so for Punjab Kings, the only team that has lacked any kind of stability over the 14 seasons of IPL with captains and coaches being changed like musical chairs. For skipper KL Rahul, who has been a prime performer in IPL, it will not just be about the runs he scores but also about how he leads the team with guidance from Anil Kumble, who will also want to prove his mettle as a franchise coach.

However, the match on Tuesday will be more about the kind of starts that the top-orders players provide. Liam Livingstone has been a rage in the short-format for the last couple of years now and is coming into his own with some great performances in "The Hun-

dred". His potential opening partner is likely to be West Indies man Lewis, who has often been Indian cricket team's nemesis in various games. If Livingstone and Lewis can be explosive in the Powerplay overs, Royals will expect skipper Sanju Samson to be more consistent in that number three position.

Power-hitting is something that I've worked really hard at, trying to get that consistency. Ultimately, it's sort of a super strength for me at the moment and hopefully, I can continue with it. I've really enjoyed my cricket over the last few months. I certainly wouldn't have expected to do what I've done, if you would've said at the start that this was going to happen, I wouldn't have believed you. So, it's nice to see my hard work starting to pay off.

RR batsman, LIAM LIVINGSTONE

Bowling line up shaky

Mohammed Shami is expected to be partnered by either Chris Jordan or Nathan Ellis. What will be Royals' advantage is Punjab's weak Indian bowling set-up save Shami as they have to depend on either Adil Rashid or Ravi Bishnoi for wrist spin. Their pace line-up with left-armer Arshdeep Singh as the domestic pick doesn't look the strongest.

Royals' third and fourth foreign player in the playing XI will be interesting choices as Chris Morris as an all-rounder is a certainty, while the fourth slot will go to either David Miller in the middle-order or world's No 1 T20 spinner Tabraiz Shamsi. However, it is the Indian players like Rahul Tewatia, Riyan Parag, Jaydev Unadkat and Chetan Sakariya, who will like to step up their game in the next four weeks to ensure a play-off berth for Royals, which many believe is the weakest unit in absence of Ben Stokes, Jofra Archer and Jos Buttler.

Similarly for Punjab Kings, Rahul and Mayank Agarwal are expected to open with Chris Gayle still an enforcer par excellence at the age of 41, which will keep the Rajasthan bowlers on tenterhooks.

In the middle-order, Nicholas Pooran, who had a horrendous outing in the first phase will like to put a far better account of himself along with M Shahruxh Khan.

MESSI looks angry at being replaced

Lionel Messi hit the crossbar with a curling free kick and looked angry at being taken off in the 75th minute in his home debut for Paris Saint-Germain. Substitute Mauro Icardi scored deep into stoppage time as PSG scraped a 2-1 win over Lyon in the French league to make it six straight victories. Messi stared sharply at PSG coach Mauricio Pochettino and appeared to snub a handshake as he came off. The six-time Ballon d'Or winner, who is still chasing his first PSG goal in his third appearance following his shock move from Barcelona, sat glum-faced on the bench. As he was coming off, Messi made a gesture with his hands apart as if to say he didn't understand, and Pochettino attempted an explanation afterward.

"Everyone knows we have great players in the squad, we have 35 players. But we must make decisions for the good of the team. Sometimes they lead to a positive result and sometimes not," Pochettino said through a translator. "These are decisions we need to take. Sometimes it pleases people, or it doesn't. I asked him how he was, and he said he was fine." On the field, Icardi found space to head in Kylian Mbappe's precise cross from the left in the 93rd.

PSG fell behind in the 53rd when Brazil midfielder Lucas Paqueta finished neatly, after forward Karl Toko Ekambi picked him out with a

low cross. Neymar equalized from the penalty spot in the 66th after he was fouled by 18-year-old right back Malo Gusto. Lyon coach Peter Bosz was unhappy with the call. "It's not Malo who fouls Neymar, it's Neymar who puts his hand on him and fouls him," Bosz said. "I can understand if the referee didn't see it, but then there is VAR." Lyon's long-serving president, Jean-Michel Aulas, went even further by calling the decision "an aberration" and saying the referee should have used video review.

Messi almost scored in the 32nd. He found Neymar down the left and sprinted to meet Neymar's clever reverse pass, but goalkeeper Anthony Lopes read Messi's low shot and denied him with his legs. Four minutes later, Lopes was stuck to the spot as Messi hit the crossbar with a free kick from 25 meters. Messi, whose last Champions League goal for Barca was away to PSG in last season's round of 16 return leg, also hit the bar in Wednesday's 1-1 draw at Club Brugge.



Messi reacts as he leaves the pitch

Karim Benzema

BENZEMA, VINÍCIUS Jr, lead Madrid to victory

2-1 win at Valencia takes side to top of La Liga with 13 points

Only a few games into the season, Real Madrid already knows it has an attacking duo it can rely on. Vinicius Junior and Karim Benzema added to their impressive starts to the season by scoring late goals in Madrid's 2-1 win against Valencia in the Spanish league. Vinicius Junior scored his fourth goal of the season in the 86th minute, and Benzema netted his sixth two minutes later to give Madrid its third straight win in the league. The victory leaves Madrid top with 13 points, two more than defending champion Atlético Madrid, which was held 0-0 at home

by Athletic Bilbao on Saturday. "It's always hard to play here and it was even harder after they scored," Vinicius Junior said. "Things were not going our way but in the end we found a way to rally and get the victory."

Winning combination

Vinicius Junior and Benzema have combined for 11 of the team's 15 goals in its first five league matches and top the league's scoring charts. Valencia, which entered the week-end tied for first with Madrid and Atlético, opened the scoring with a goal from Hugo Duro in the 66th after a mistake by Madrid defender Lucas Vázquez, who replaced the injured Dani Carvajal in the first half.

"We played great during the first 80 minutes," Valencia coach José Bordalás said.

"It's a shame that in the last 10 minutes we sat back and they got the goals in two isolated actions."

QUIZ TIME!

Q1: The Commonwealth Games started from which of these countries?

- England
- Australia
- Canada
- India

Q2: What is the title of the autobiography of Major Dhyanchand?

- Goal
- Hockey Days
- Hockey - My Life
- Me & My Hockey

Q3: Who was the first Indian to score a century in Indian Premier League (IPL)?

- Gautam Gambhir
- Manish Pandey
- Sachin Tendulkar
- Rahul Dravid

Q4: How many red balls are used in a game of snooker?

- 13
- 15
- 17
- 20

Q5: Which Indian has recorded maximum number of wins in the Fed Cup?

- Nirupama Sanjeev
- Sania Mirza
- Manisha Malhotra
- Karman Kaur Thandi

Q6: Emma Raducanu, who won the US Open, was among the youngest to win a grand slam. Who was the youngest?

- Serena Williams
- Boris Becker
- Martina Hingis
- Rafa Nadal

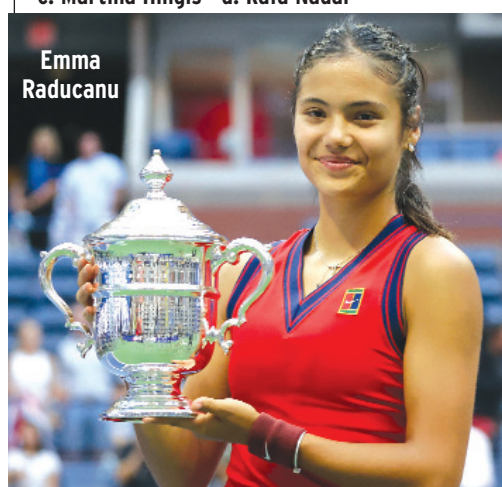


Photo: AFP

Q7: Who won the 2018 Diamond League javelin throw event for men?

- Andreas Hofmann
- Jakub Vadlejch
- Tomas Walsh
- Darrell Hill

Q8: Which racing event is associated with the UCI Continental Circuits?

- Road racing
- Mountain racing
- BMX
- All of the above

Q9: Who is the assistant coach of India men's national hockey team?

- Chris Ciriello
- Scott Conway
- Richard Allen
- Jugraj Singh

Q10: Who holds the record for most Olympic appearances in any track and field athletic event?

- Allyson Felix
- PT Usha
- Merlene Ottey
- Marita Coach

ANSWERS: 1. c. Canada 2. a. Goal
3. b. Manish Pandey 4. b. 15
5. a. Nirupama Sanjeev 6. c. Martina Hingis
7. a. Andreas Hofmann 8. a. Road racing
9. d. Jugraj Singh 10. c. Merlene Ottey