



THE TIMES OF INDIA

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**TODAY'S
EDITION**

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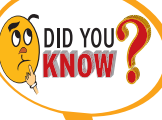

STUDENT EDITION

TUESDAY, NOVEMBER 24, 2020


WEB EDITION
CLICK HERE: PAGE 1 AND 2
**Quote
unquote**

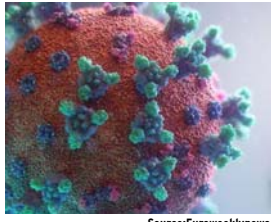

The Oxford AstraZeneca Covid-19 vaccine should be available for health-care workers and elderly people by February 2021 and by April for the general public. It will be priced at a maximum of ₹ 1,000 for two necessary doses for the public, depending on the final trial results and regulatory approvals. It will probably take two or three years for every Indian to get inoculated, not just because of the supply constraints, but because you need the budget, the vaccine, logistics, infrastructure, and then, people should also be willing to take the vaccine. Probably by 2024, every Indian will get vaccinated

Adar Poonawalla, CEO, Serum Institute of India (SII)



THE ENTIRE WORLD'S COVID COULD FIT IN A TEASPOON!

In an interesting revelation, Australian TV mathematician Matt Parker has said that the total amount of Covid-19 infecting humans around the world would fit into little more than a teaspoon. According to him, the total volume of coronavirus infecting more than 53 million people is just 0.2 fl oz and the total volume of the 53m cases of the disease worldwide is 8ml, with a normal teaspoon holding 6ml. He estimates that there are 3.3 million billion Covid-19 cells running rampant in the human population at the moment.



Source: Euro Weekly News

CBSE CLASS XII EXAM 2021

Board raises weightage for MCQs in class XII

After reducing 30% of the syllabus for class XII, the Central Board of Secondary Education (CBSE) has now changed the question paper pattern, giving more weightage to multiple-choice based questions and those based on case studies...

- In English, nearly 50% of question paper will have MCQs
- Case study-based questions in maths and physics
- Physics question paper will have assertion, reasoning-based questions
- In biology, instead of MCQs, short answer type questions (1mark) increased from 5 to 14
- In economics, MCQs increased from 8 to 20

TNN

TEACHERS REACT

■ It is a good move, as it encourages logical and critical thinking. Moreover, it will help students to be thorough in their subject, which in turn will help them in facing competitive exams in future

Malathi Srinivasan, Army Public School, Delhi Cantt, New Delhi

■ The new pattern is aimed at testing children's comprehensive skills. Earlier, the question paper would focus on knowledge-based questions. Now, they are shifting to understanding and application-oriented questions. But, the paper appears to be lengthy

Geetha Govindarajan, Padma Seshadri Bala Bhavan Senior Secondary School, K K Nagar, Chennai



TESTING TIMES



As children gear up for the schedule of Board exams for 2021, teachers, parents and students are anxious on how the assessment will happen and if those taking the entrance exams would also face questions from just the abridged syllabus or all the topics. Times NIE opens the debate on how much of assessment is fair, with the schools relying on virtual ways to complete the syllabus within the stipulated screen time

More on page 3

HOW TO REGISTER

Reinvent the Classroom – an exclusive event for school principals and administrators. To know more and register, visit <http://reinventtheclassroom.in>

Delhi quadruples mask fines as virus cases soar

Officials in New Delhi have quadrupled the fines dished out for people not wearing face masks, as coronavirus cases soar in the capital overwhelming hospitals and graveyards, even as the government resists calls for another lockdown. A senior police officer has in fact clarified that people travelling alone in a car have to wear mask as well – something upheld recently by the Delhi high court.

Delhi chief minister Arvind Kejriwal has announced a steep ₹ 2,000 fine, up from the current ₹ 500 for those caught without masks, to help control the coronavirus surge that's in its third week

SHOULD OTHER STATES FOLLOW SUIT?

Share your views at toinie175@gmail.com
You can also post your comments at TOISTUDENT.COM


VIEWPOINT

1 According to reports, the Delhi police have collected ₹26.72 crore in fines from people not wearing masks or following social distancing rules in public places from June 15 until November 19

2 A total of 5,35,167 people have been fined for violating social distancing norms, not wearing masks or spitting in public places. The maximum number of violators were those found roaming in marketplaces or travelling in cars without wearing a mask

FACTOID

\$684 MILLION

Worth stock of Amazon.com Inc donated by Jeff Bezos, founder, Amazon, to non-profits. The move came following his post on Instagram that he'd chosen 16 organisations to be the first recipients of money from the Bezos Earth Fund. The world's richest man donated 220,825 shares of the e-commerce juggernaut, according to a filing with the US Securities and Exchange Commission. The Amazon founder has given away stock worth \$856 million this year, according to the Bloomberg Billionaires Index, which estimates his fortune at \$183.6 billion

Bezos announced the Earth Fund in February as a \$10 billion endeavour to combat climate change



LOCKDOWNS REDUCED NITROGEN DIOXIDE CONCENTRATIONS BY 20%: NASA

ENVIRONMENT

NASA has revealed that the coronavirus lockdown has led to a 20 per cent global reduction in the amount of nitrogen dioxide being spewed into the atmosphere between February and June. NASA's conclusion came following an analysis of how much of the greenhouse gas has been produced at 5,756 sites in 46 countries.

The drop in concentration was larger in cities

- Nitrogen dioxide (NO2) is less prevalent than carbon dioxide, but is 300 times more potent as a contributor to global warming.
- An air pollutant, it is produced by the combustion of fossil fuels, with major emitters being vehicles and industry

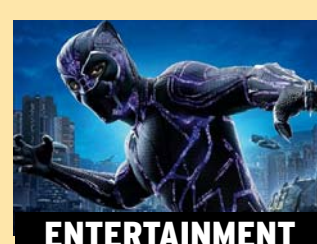
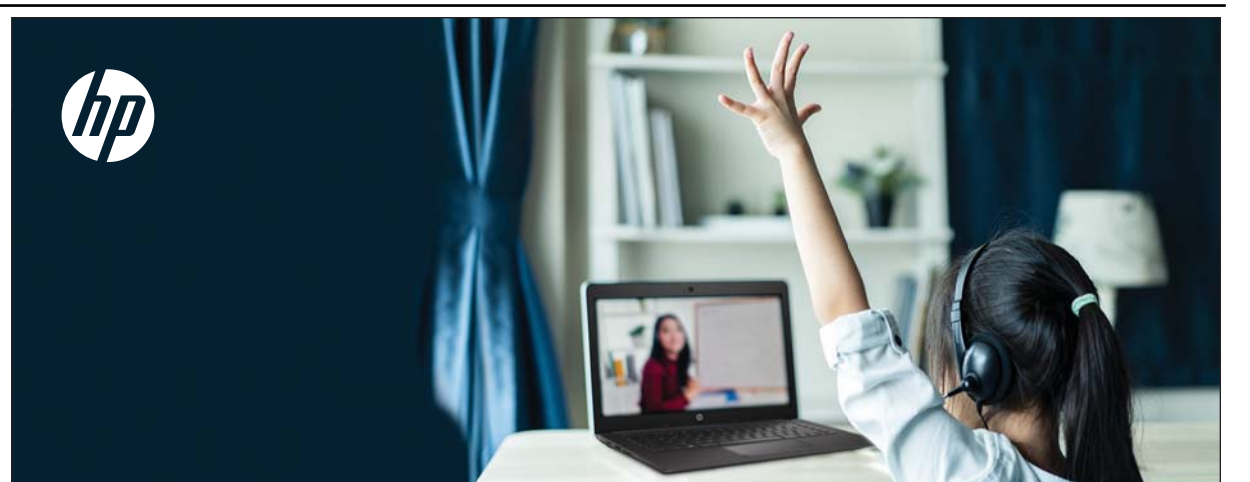


'BLACK PANTHER' SEQUEL TO BEGIN FILMING IN JULY 2021

The sequel to the superhit superhero film 'Black Panther' will begin filming in July next year in Atlanta. The sequel was temporarily put on hold after the sudden demise

of Chadwick Boseman, who played the titular superhero, last year. Initially, the plan was to start production in March next year, according to The Hollywood Reporter.

➤ There has been no update yet on who might take over late Boseman's central role and neither has the studio revealed its plans on how they will proceed without Boseman, although they have indicated that they will not use CGI to include the late star in the film


ENTERTAINMENT


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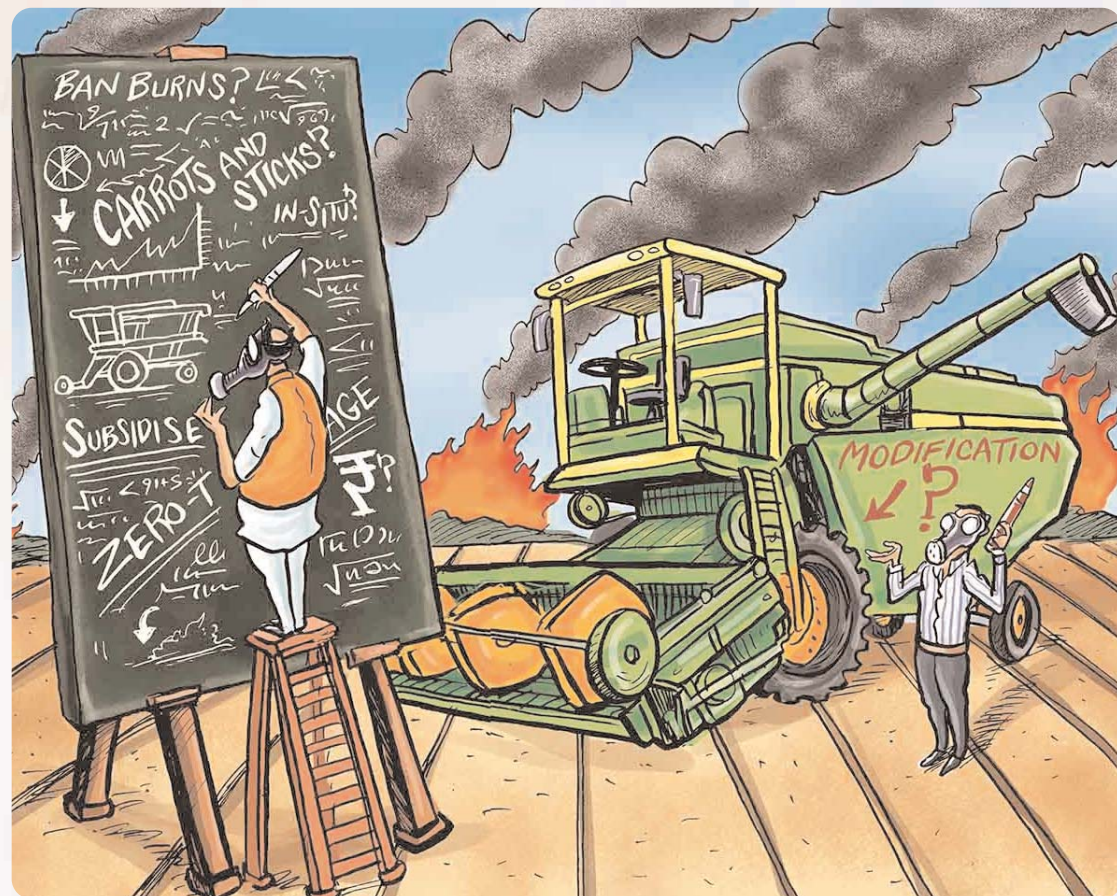
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CRISIS

Up in the Air

The entire North India stretch breathe in toxic fumes every winter owing to air pollution, accelerated by factory fumes, greenhouse gas emissions and stubble burning. While the Supreme Court ordered the Centre last year to prepare a comprehensive national scheme, in consultation with the states, to wean small and marginal farmers away from stubble burning, the problem still persists. Decoding reasons...

Illustration: Chad Crowe



WHY STUBBLE BURNING?

- Stubble (parali) burning is the act of setting fire to crop residue to remove them from the field to sow the next crop.
- In order to plant next winter crop (Rabi crop), farmers in Haryana and Punjab have to move in a very short interval and if they are late, due to short winters, they face considerable losses. Therefore, burning is the cheapest and fastest way to get rid of the stubble.
- If stubble is left in the field, pests like termites may attack the upcoming crop.
- The precarious economic condition of farmers doesn't allow them to use expensive mechanised methods to remove stubble.

CAUSES OF THE STUBBLE BURNING

- The problem arises due to the use of mechanised harvesting which leaves several inches of stubble in the fields.
- Earlier, this excess crop was used by farmers for cooking, as hay to keep their animals warm or even as extra insulation for homes. But, now the stubble use for such purposes has become outdated.
- Implementation of the Punjab Preservation of Subsoil Water Act (2009) made the time period of stubble burning coincident with the onset of winter in Northern India.
- Late transplanting of paddy during Kharif season has left farmers with little time between harvesting and preparing the field for the next crop and hence farmers are resorting to the burning of stubble.

EFFECTS OF STUBBLE BURNING

1 POLLUTION: Open stubble burning emits large amounts of toxic pollutants in the atmosphere which contain harmful gases like methane (CH₄), Carbon Monoxide (CO), Volatile organic compound (VOC) and carcinogenic polycyclic aromatic hydrocarbons. After the release in the atmosphere, these pollutants disperse in the surroundings, may undergo a physical and chemical transformation and eventually adversely affect human health by causing a thick blanket of smog.

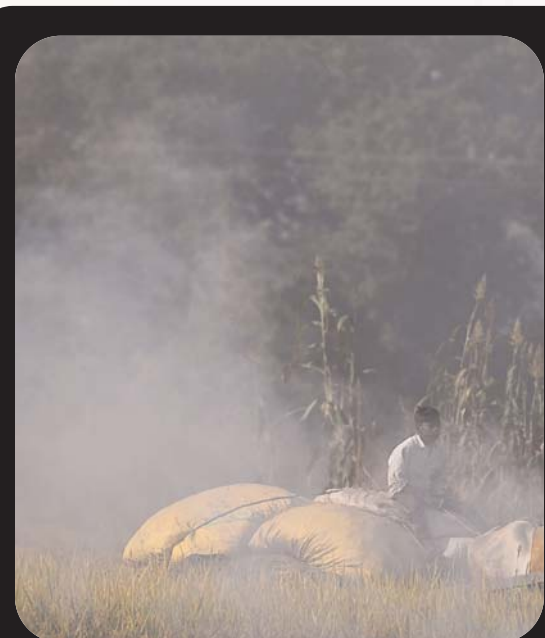
2 SOIL FERTILITY: Burning husk on ground destroys the nutrients in the soil, making it less fertile. This has a deep impact on the ecosystem too.

3 HEAT PENETRATION: Heat generated by stubble burning penetrates into the soil, leading to the loss of moisture and useful microbes.

WHAT STATES ARE DOING TO CONTROL AIR POLLUTION

DELHI

- Environment Minister Gopal Rai said a 15-member impact assessment committee will ascertain the effectiveness of "Pusa bio-decomposer" solution in reducing stubble burning in the national capital.
- The Delhi Govt said that those found violating the ban on firecrackers can be fined up to Rs 1 lakh by the administration.
- An impact assessment committee to be set up to ascertain the effectiveness of Pusa bio-decomposer in reducing stubble burning in Delhi. The assessment panel will have five MLAs and officials from Indian Agricultural Research Institute, Pusa, and the Agriculture Department.
- According to scientists at the Indian Agricultural Research Institute, Pusa, the solution can turn crop residue into manure in 15 to 20 days and therefore, can prevent stubble burning.
- The Delhi government has received 2,300 complaints on the "Green Delhi" mobile application so far, of which 1,346 have been resolved. Most of the complaints are related to garbage dumping from North MCD areas, and burning of biomass and plastic waste.



PUNJAB

- Punjab witnessed 6,318 stubble burning incidents with Sangrur district continuing to record the highest number of farm fires on November 8.
- With this addition, the overall count of stubble burning incidents in the state since September 21 has reached 59,288, according to a data of the Punjab Remote Sensing Centre.
- More than 22,000 incidents of stubble burning have been witnessed since November 2 in the state, as per the data.
- The total count of 59,288 is already more than the cases reported in the corresponding periods of 2017, 2018 and 2019 when 37,777, 33,687 and 45,114 cases were witnessed, respectively.

UTTAR PRADESH

- The Uttar Pradesh Police is detaining and seeking fines from farmers for burning stubble. While it has banned stubble or crop residue burning to check air pollution, compliance remains a concern for the state.
- To stop stubble burning in the state, awareness programmes are being held in all districts.
- Citing a stubble management project that was carried out in Pilibhit district and yielded good results, the UP govt is mulling introducing it in villages.
- Under the project, big pits were dug and filled with hand cut stubble, and after this, a decomposer developed by the Pusa institute was sprayed on it for making organic manure in three weeks time. The pits were dug on land belonging to the gram sabha through MN-REGS, he said.
- Besides, farm machinery banks have also been set up for renting machines which can convert stubble into fertilisers and for the benefit of small and marginal farmers, machinery is being provided at subsidised rates.
- Help of members of organisations like the National Cadet Corps and the National Service Scheme is being taken to spread awareness against waste burning in urban areas and stubble burning in rural areas.



WHERE THERE IS A PROBLEM, THERE IS A SOLUTION

STUBBLE FURNITURE?

Furniture out of paddy stubble is one of the innovations on display at the Punjab Agriculture University. "Making furniture out of stubble is an alternative to burning it. It is also pocket friendly," said Anil Sharma, Head of Communication Department, Punjab Agriculture University.



"This furniture can be used in different patterns like a sofa or bed. People have been accusing each other of stubble burning and pollution but we had to come up with a solution. The furniture was made at negligible cost. We have used 20 stubble bales for it," he added.

The prudent use of paddy stubble has been showcased amid the rise in pollution and incidents of stubble burning across the state. "We have compressed 25-30 kgs of stubble," said Sharma. The stubble bales were first wrapped with polythene, covered with a net and other material.

STUBBLE STRAWS?

Because plastic straws take up to 200 years to decompose if we could find straws that were environment-friendly and easy on carrying, it is the same thought of Assam-based entrepreneur Sunam Taran when he wanted to develop a sustainable solution for this problem.



After doing much research and experiment, he manufactured a unique straw, which is made by wheat stubble. These unique straws (Wheat stubble straw) are made with agricultural waste. The Cost of these straws only Re. 1 and decompose within six months.

MAKING PRODUCTIVE USE OF STUBBLE

- From stubble, high-grade organic fertilizers can be prepared by mixing with cow dung and few natural enzymes.
- The total amount of nitrogen, phosphorous, potassium and sulphur in the parali burnt annually in Northwest India is about seven lakh tonnes, valued at Rs 1,000 crore.
- Along with the above mentioned nutrients, organic carbon is also destroyed during stubble burning.
- These nutrients, if successfully utilized in organic manures, can also reduce the risk of cancer in Punjab by reducing the levels of carcinogens caused by chemical fertilizers in soil.
- Using straw for electricity generation is another productive way of generating wealth from residue.

WHY FARMERS ARE NOT COMPLYING

- Small farmers have been saying that it is economically unviable for them to buy farm machinery like happy seeders, rotavators, super straw management systems on combine harvesters to manage crop residue.
- Farmers are demanding either ₹ 200 per quintal of bonus on paddy or ₹ 6,000 per acre for stubble management.
- The Punjab government has been seeking from the Centre ₹ 100 per quintal as compensation to enable farmers to manage paddy straw without burning it. Punjab alone generates 20 million tonnes of paddy stubble annually.

TOXINS IN AIR

NOx: Nitrogen oxide (NOx) is produced during combustion at high temperatures. They are typically found in areas with heavy traffic.

VOC: Volatile Organic Compounds (VOC) are organic chemicals that have a high vapour pressure at ordinary room temperature. Examples are Methane (CH₄), Hydrocarbons etc

CO₂: Carbon dioxide comes from combustion from power plants and transport.

SOx: Sulphur Dioxide is produced from the combustion of coal or oil. SO₃ is generated from SO₂, with Sulphur trioxide being the cause of acid rain.

ADDING FUEL TO FIRE: COVID IN AIR

- Delhi has reported more than 6,000 COVID-19 cases daily in the past few days and 13 per cent of this increase has been estimated to be due to air pollution, the Indian Medical Association said.
- Stating that N-95 masks and air purifiers may not provide full time protection, the doctors' body stressed on the implementation of long-term measures to bring down pollution levels.
- Air pollution damages the inner lining of the lungs and hence increases the severity of COVID-19 infection.

SOLUTIONS:

Measures such as use of public transport, buying energy efficient vehicles, planting a garden wherever possible, making use of solar energy, using recyclable products which can be adopted by the people to help reduce pollution. There is also a graded response action plan in Delhi and NCR which includes measures such as prohibition on entry of trucks into Delhi, ban on construction activities, introduction of odd and even scheme, closure of brick kilns, ban on diesel generator sets, garbage burning in land fill etc. Banning of crackers and stubble burning in hinterland are helpful public health measures.



Team Times NIE

In the wake of the Central Board of Secondary Education (CBSE) and Council for the Indian School Certificate Examinations (CISCE) mulling whether the syllabus for classes X and XII Board exams 2021 should be based on 70 or 50 per cent of syllabus, there is an ongoing debate among educationists on how much of assessment is fair during virtual classes amid the world facing the Covid-19 pandemic.

Inculcates self-discipline in students

Online assessments are an impetus in providing feedback to the instructors to develop more student-centric teaching methods. They also inculcate self-discipline and responsibility in students towards their course.

SRI LAKSHMI, English Faculty, The Future Kids School, Rajahmundry



Online tests can act as a catalyst

Assessments are a key part of the education system. It acts as a catalyst. It encourages students to perform better. Online assessment is a significant technological advancement. We need to adapt to new ways of providing education and assessing students.

JEEVA SENTHIL, Principal, SBOA Matriculation Higher Secondary School, Coimbatore



Assessing learning graph

With online tests, teachers can gauge the students' grasping capacity on topics taught. It also polishes their tech skills like making presentations, infographics, etc., which will play a key role in future endeavours.

DEVIKA AWATAR, Vice-Principal, Kendriya Vidyalaya, 3BRD, Chandigarh



Time to get rid of rote learning

The focus of assessment must be on the learning process and learning awareness, rather than on memorising facts. Innovative assessment methods comprise projects, posters, problem-solving, e-portfolios, research work, practical work, all of which require teacher, parent and peer support, as well as gradual progression with feedback to students.

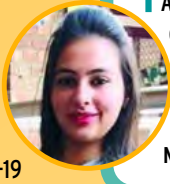
NALINI SUBRAMANIAN, Vice-Principal, Primary, The Choice School, Ernakulam



Need to move with the times

This is the right time to incorporate changes. A child's mind should be stimulated every day. Tests only at a specific period of time are not an indicator of true potential. This is the best time to evolve out of it.

SIMPY DADIALA, Teacher, DPS, Vasant Vihar, New Delhi



Instant feedback benefits students

Given the present times, having assessment tests is the need of the hour. Students already working on the computer find it easier to answer online. Marking and moderating is more streamlined, secure and standardised when it is managed online. This provides instant feedback, which is beneficial to student and teacher alike.

GAYATRI ROY, English Faculty, Jayshree Periwai Global School, Jaipur



Self-assessment is key to online learning

Assessments are essential as they act as a testimony to this entirely new methodology of imparting knowledge. Teachers should provide students with detailed rubrics (scoring guide) to accurately communicate expectations for student performance. Self-check quizzes could be used to check learning and determine if teaching strategies need changes.

NIKHIL, Vantage Hall Girls Residential School, Vikasnagar, Dehradun



Why be scared of tests? Face them

It is essential and one should look at tests positively. The results should be used by students as stepping stones towards progress. This will prepare them for the real world, where there will be innumerable tests daily.

JAYA MISRA, Teacher, Lakshmi Pat Singhania Academy, Kolkata



Reinforces accountability

It is only when students get to know that they will be assessed will they revise what is being taught. Assessments therefore make them accountable, competitive and motivated.

KIRANMAI C, Teacher, MES Kishore Kendra Public School, Bengaluru



Evaluation is crucial to learning process

Assessments, in some form, are crucial to any learning and educational process. Oral assessments, quizzes, conversational assessments are some ways in which students can be assessed.

VINITA RAJ, Principal, Sacred Heart High School, Mumbai



Not just smartphones, need smart approach

Smartphones, smart students, smart teachers, smart assessment tools are the need of the hour. Assessments are must, as they give an accurate picture of a student's evaluation journey. It provides indicators for fulfilling the learning gap and to plan remedial measures. It provides students feedback that will further their learning.

N VIJAYALAKSHMI, Principal, Bhaktavatsalam Vidyashram, Chennai



Amid virtual schooling,
**FAIR TO ASK
HOW MUCH
DID YOU SCORE?**



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5 Grammy Artistes You Need to Hear

Studies have shown that music can uplift mood and keep depression at bay. This week, take some time out to listen to these talented artistes... Tell us how you enjoyed the experience



Hildur Gudnadottir

Icelandic composer Hildur Gudnadottir nominated for best score soundtrack for visual media for the HBO miniseries 'Chernobyl,' came to music as a cellist before studying composition and collaborating — as cellist or composer — with musicians on the borders of minimalism, classical music etc. Her cello has been at the centre of much of her music.



Terraza Big Band

A big band can seem an old, clunky thing, but at its best, the 18-piece jazz orchestra can still synthesize a hectic swarm of ideas, linking the old with the new. For five years the Terraaza Big Band has enjoyed a residency at Terraaza 7, a Latin jazz club attuned to the diversity of its neighbourhood.



Burna Boy

Although Burna Boy's 'African Giant' was nominated for best world music album, he's not staying in any niche. His understated, insinuating rhythms — mixing percussion and electronics — connect to Jamaica, Puerto Rico and American R&B. Since his debut album in 2013, Burna Boy has recorded alongside Drake, Ed Sheeran, Lily Allen, Stormzy and others.

Koryn Hawthorne

In 2015, Koryn Hawthorne, then a teenager, placed fourth on 'The Voice.' Now she's one of the most jolting new talents in gospel music, with a husky voice and an emerging appetite for risk. She's nominated in best gospel performance/song for 'Speak the Name,' a startling duet with Natalie Grant. The song is a howling success.

Christone 'Kingfish' Ingram

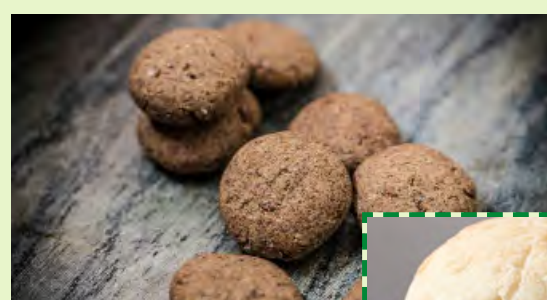
When Christone Ingram — known widely as Kingfish — plays the guitar, the sound is rollicking, throaty, sinewy, stinky. Born and raised in Clarksdale, Mississippi, Kingfish took to the blues early and became something of a teen guitar prodigy.

Last year, he released his debut album, 'Kingfish,' which is both deeply reverent of tradition and yet not stodgy in any way. Listen on... NYT

Healthy snacks for virtual lunch breaks

With virtual learning taking over traditional classroom teaching in this year of the pandemic, schooling for children has changed a lot indeed. In between long hours of classes, what a child

looks forward to most is the virtual lunch break. It's important to not only take care of their hunger pangs but ensure that they have the right amount of nutrition required to boost immunity. Here are a few healthy snacks you can whip up...



Ragi Cookies

Ragi is packed with dietary fibres, which aids digestion and helps your child stay full for long hours. Ragi or nachni also keeps obesity at bay in a child. Kids will surely love to munch these healthy and crunchy cookies.



Spinach Idlis

Try making some spinach idlis. Spinach is a superfood packed with rich fibres, iron, protein, minerals and magnesium. Idli is nourishing and very low on calories. Blanch spinach leaves and grind them into a paste, add to the idli batter.



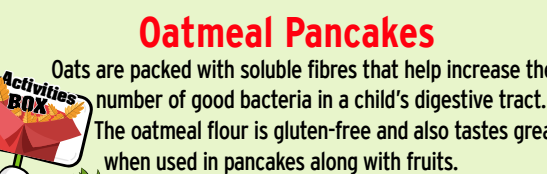
Healthy soya burger

We should know children should be kept away from unhealthy snacking. But if your child is craving for burgers, make some at home by replacing the fried burger patty with nutritious patties made with soya granules. Add some leafy green vegetables and ditch mayonnaise or cheese.



Steamed Dhokla

Anything steamed and devoid of oil is light and easy to digest. Make some steamed dhokla along with mint chutney to satisfy hunger pangs during breaks while attending online classes. Curd is also good for a healthy gut.



Oatmeal Pancakes

Oats are packed with soluble fibres that help increase the number of good bacteria in a child's digestive tract. The oatmeal flour is gluten-free and also tastes great when used in pancakes along with fruits.



QUIZ TIME (MIXED BAG)

Q.1) In the Indian Parliament - the Upper House is known as...
A. Lok Sabha
B. Council of States
C. Rajya Sabha
D. Parliament

Q.2) Which actor plays Kapil Dev in a biopic titled 83?
A. Ranbir Kapoor
B. Varun Dhawan
C. Sanjay Dutt
D. Ranveer Singh

Q.3) Who among has been appointed as India's table tennis head coach?
A. Dejan Papic
B. Soumyadeep Roy
C. Ilija Lupulesku
D. Ferenc Karsai

Q.4) Idukki Dam in Kerala is built across which river?
A. Periyar B. Pamba
C. Kaveri D. Godavari

ANSWERS

1. C) Rajya Sabha 2. D) Ranveer Singh
3. A) Dejan Papic 4. A) Periyar

IND vs AUS ODI SERIES

5 Players to watch out for

Team India led by skipper Virat Kohli will play a limited-overs series against Australia consisting of 3 ODIs and 3 T20Is. As the high profile series begins at Sydney Cricket Ground (SCG) on Friday, here's a quick look at five Indian players to watch out for in the three-match ODI series

YUZVENDRA CHAHAL

Spin wizard Yuzvendra Chahal is a proven match-winner with the white-ball. Besides emerging as the wrecker-in-chief for the Kohli-led side, Chahal has impressed with his consistency in taking wickets. He had a fruitful IPL 2020 season with Kohli-led Royal Challengers Bangalore as the ace spinner plucked 21 wickets in 15 matches. He has played only seven ODIs against Australia with 15 wickets to his name. During the 2018-19 tour of Australia, he bowled the match-winning spell (6 for 42 in 10 overs) in the 3rd ODI, his career-best figures.

JASPRIT BUMRAH

The speed merchant was wrecker-in-chief during the four-match Test series between India and Australia two years ago. The pacer will be spearheading India's pace bowling attack in the ODI series. Fresh from a memorable IPL 2020 with Mumbai Indians, he is tipped to hit the ground running in Australia. Bumrah has scalped 18 wickets from 14 ODIs against Australia.

VIRAT KOHLI

With vice-captain Rohit Sharma being rested, skipper Kohli will once again be India's go-to-man against the mighty Aussies. Widely regarded as one of the greatest batsmen to play the gentlemen's game in the modern era, Kohli is third in the list of Indian batsmen with most runs against Australia. Kohli has amassed 1910 runs in 40 ODIs. He is second in the list of Indians with most centuries against Australia, just one short of Tendulkar's tally of nine.

MOHAMMED SHAMI

Mohammed Shami finished the 2019 season as India's most successful bowler and the legendary Sunil Gavaskar expects him to unnervise Australian batsmen with his bouncer barrage. He is expected to terrorise the batsmen with his raw pace. The speed merchant also has the knack of taking prized wickets across all formats. Among active cricketers, Shami is the third-highest wicket-taker for India against the Aussies in ODIs, with 25 wickets in 17 ODIs. Though, he is yet to record a five-wicket haul against Australia.

KL RAHUL

Versatile batsman KL Rahul has been roped in as vice-captain in the absence of star opener Rohit. The swash-buckling batsman kept wickets in a practice match in Sydney on Sunday, signifying he is tipped to don several hats in the upcoming series against the Aaron Finch-led side. The stylish batsman is coming in after a memorable IPL season with KXIP. He finished as the leading run-scorer (670), bagging the prestigious Orange Cap in the 13th edition of the league.

Medvedev battles past Thiem to win ATP Finals title

Russia's Daniil Medvedev won the ATP Finals, the biggest title of his career so far, after getting past US Open champion Dominic Thiem in a thrilling three-set summit clash. The Russian fourth seed defeated Thiem 4-6, 7-6(2), 6-4 after two hours and 43 minutes.

Medvedev, who beat five-time champion Novak Djokovic and world number two Rafael Nadal earlier in the week, is the first man to beat all three of the world's top-ranked players at the season finale. **PTI**



Photo: ANI

What a match. One of my best victories, two hours and 42 minutes, three sets against an amazing player. Dominic, congratulations already for what you achieved in your career. Your name is already in the history of tennis books.
Daniil Medvedev

Won't respond to sledging attempts by Virat Kohli & Co.



David Warner

Photo: ANI

RECORDS TUMBLE AS LIVERPOOL BEAT LEICESTER 3-0

Photo: PTI



Liverpool set a club record of 64 top-flight home matches unbeaten by overwhelming Leicester in a 3-0 win in the Premier League. Diogo Jota had a record of his own, becoming the first player to score in his first four home top-division league appearances for Liverpool with a glancing header to add to Jonny Evans' own-goal in the first half. **AP**

Liverpool's Roberto Firmino celebrates after scoring a goal

TEST YOUR KNOWLEDGE

SPORTS QUIZ | Rafael Nadal

Q1: How many singles titles has Rafael Nadal won?
a) 80 ☐ b) 82 ☐
c) 84 ☐ d) 86 ☐

Q2: How many times has Rafael Nadal been awarded ATP No. 1 Award?
a) Three ☐ b) Four ☐
c) Five ☐ d) Six ☐

Q3: How many times has Stefan Edberg Sportsmanship Award?
a) Three ☐ b) Four ☐ c) Five ☐ d) Six ☐

Q4: In which year was Nadal awarded Sportsman of the Year?
a) 2011 ☐ b) 2012 ☐ c) 2013 ☐ d) 2014 ☐

Q5: In which year was Nadal awarded Arthur Ashe Humanitarian Award?
a) 2011 ☐ b) 2012 ☐ c) 2013 ☐ d) 2014 ☐

Q6: When was Nadal awarded the Legend Award by Spanish sports daily Marca, on the occasion of its 75th anniversary?
a) January 2017 ☐ b) December 2019 ☐
c) November 2013 ☐ d) June 2011 ☐



Q7: When was Nadal honoured by Spanish Prime Minister Mariano Rajoy with the "Medalla de Oro al Trabajo"?
a) May 2015 ☐ b) December 2019 ☐
c) November 2013 ☐ d) June 2011 ☐

Q8: In which year was Nadal honoured by Paris Mayor Anne Hidalgo with "Grand Vermeil" medal, the highest distinction from Paris.
a) 2014 ☐ b) 2015 ☐ c) 2016 ☐ d) 2017 ☐

Q9: Rafael Nadal won his 20th Grand Slam title in which tournament?
a) French Open ☐ b) Wimbledon ☐
c) US Open ☐ d) Australian Open ☐

Q10: In 2005 Nadal won his first Grand Slam title. In which of the following tournaments

did he win?
a) French Open ☐ b) Wimbledon ☐
c) US Open ☐ d) Australian Open ☐

Q11: In the year 2010, Nadal won three Grand Slam titles. In which tournament he couldn't play the finals?
a) French Open ☐ b) Wimbledon ☐
c) US Open ☐ d) Australian Open ☐

Q12: Nadal has won two Olympic Gold medals including a Singles Gold at the _____ Olympics and Gold in men's doubles at the _____ Olympics.
a) Beijing and Rio ☐ b) Paris and Brazil ☐
c) Tokyo and Athens ☐ d) Sydney and Atlanta ☐

ANSWERS: 1- d) 86 2- c) Five 3- a) Three 4- a) 2011 5- a) 2011 6- c) November 2013 7- a) May 2015 8- b) 2015 9- a) French Open 10- a) French Open 11- d) Australian Open 12- a) Beijing and Rio