# THE TIMES OF INDIA www.toistudent.com

TODAY'S

Do you suffer from maths phobia? Experts share strategies on how to prepare for maths exams in 'Mock Papers'



Dive into the warm waters of Maldives and explore the marine life through the lens of a young



Football: Milinkovic-Savic earns Lazio last-gasp point at **Juventus** 



### STUDENT EDITION

WEDNESDAY, MAY 18, 2022

The total Lunar eclipse was visible to potentially millions of stargazers across four continents. It was the longest total lunar eclipse in 33 years

## **CLICK HERE: PAGE 1 AND 2**

# Quote unquote



The doors are open to a new idea, to entrepreneurship, so think out of the box and do not go down the beaten path. Not that we do not want you to get good jobs, and become government officials, but do not necessarily look at the safety and comfort of a cozy job...experiment...this is the time, you can do it. It is the collective responsibility of those who received good education to give back to society and contribute to nation-building. I would like to see someone from you becoming an active politician. Until we do not have welleducated persons come into politics, we cannot transform it. Politics is the tool to take the country ahead

**PIYUSH GOYAL, Union commerce** minister, addressing students at the 23th convocation of Bharti Vidyapeeth University, Pune



# Super Blood Moon enthralls stargazers spectacular 'Super Blood Moon' lit up the sky on Sunday

night and early Monday morning - as two rare lunar events took place at the same time. A total lunar eclipse, when the Earth is positioned precisely between the sun and the moon and all three are in a line, makes the Moon appear like a glowing red disk in the sky - hence the name 'blood moon'. During a total eclipse, the Moon appears reddish in colour when it's illuminated by sunlight that's filtered and refracted by Earth's atmosphere. But the event was extra special because it occurred when the moon was near to its closest orbit to Earth, making it appear larger than usual and earning the nickname Super Blood Moon...

# **WHAT IS SUPER MOON**

Super Moon takes place when the moon is full and its orbit at its perigee point is closest to the Earth. As the moon orbits in an ellipse its closest point - the perigee - will come very close to the Earth. The farthest point of the ellipse is called the apogee. When a full moon appears at perigee, the moon looks brighter and larger than a regular moon, hence the nickname Super Moon.

### WHY IS IT CALLED BLOOD MOON **AND BY OTHER NAMES?**

Blood moon is not a scientifically recognised term, according to experts, but a nickname picked up due to its red hue. Full moon names, which are used to describe the Super Moons, were historically used to track the seasons and therefore are closely related to nature. The full moon in May

is known as the Flower moon. because it comes at a time when there are an abundance of blos-

### WHEN IS THE NEXT **SUPER MOON DUE?**

soms.

According to the Old Farmer's Almanac, there are another three Super Moons in 2022 - the Full Strawberry Moon on June 14, the Full Buck Moon on July 13 and the Full Sturgeon Moon on August 11.

### **FULL MOON, SUPER MOON, FLOWER MOON: WHAT'S** THE DIFFERENCE?

is the phase of the A FULL MOON is the phase of the moon in which its whole disc is illuminated. During the 29.5-day lunar cycle, we observe a new moon (with zero per cent illumination), a waxing moon (when the amount of illumination on the moon is increasing), a full moon (100 per cent illumination) and then a waning moon (when its visible surface area is getting smaller). Because our modern calendar isn't quite in line with the moon's phases, sometimes we get

OON is when the full

month. This is commonly known

more than one full moon in a

as a blue moon

moon nearly coincides with perigee. This means a Super Moon can appear as much as 14 per cent larger and 30 per cent brighter than normal, when viewed from Earth, depending on the time of the year. There are about three or four Super Moons per year, most astronomy websites claim, and they happen at different times each year

simply refers to the time of the year the full moon is appearing. Different months of the year have different nicknames - so January is Wolf Moon, February is Snow Moon, March is Worm Moon, April is Pink Moon, May is Flower Moon, and so on. Full moon names were historically used to track the seasons, and therefore, are closely related to nature

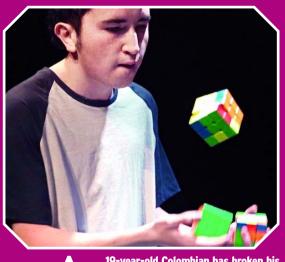
# Birds are falling from the sky in India as a record heatwave dries up water sources

escuers in western Gujarat are picking up dozens of exhausted and dehydrated birds dropping everyday, as a scorching heatwave dries out water sources in Ahmedabad, veterinary doctors and animal rescuers say. Doctors in an animal hospital in Ahmedabad said they have treated thousands of birds in the last few weeks, adding that rescuers bring dozens of high flying birds such as pigeons or kites everyday. Animal doctors were seen feeding birds multi-vitamin tablets and injecting water into their mouths using syringes.



The long-running heatwave spell has continued to trouble people in Delhi after record temperatures breached an unprecedented 49 degrees C mark in some parts of the national capital during the weekend

# Teenager solves three Rubik's cubes in 4 minutes while juggling each of them



19-year-old Colombian has broken his own record by solving three Rubik's cubes in 4 minutes, 31.01 seconds, who previously set the Guinness World Record at 4 minutes, 52.43 seconds in May 2021, broke his own record in Bogota, Guinness announced. Alvarado said it

to learn how to solve a sinyear, Atharva R Bhat, an 8-year-old boy from Bangalore, was seen in a video using both his hands and feet to solve three Rubik's Cubes in under two minutes. In 2020, a 25-year-old man from Chennai set a new **Guinness World Record by** solving six Rubik's cubes underwater while holding

his breath

took him five months of practice

gle cube while juggling, and four more months before he could efficiently solve three cubes while tossing them into the air. The juggler said it took a lot of concentration to learn how to keep track of the three cubes while

they were flying.

### MCDONALD'S, RENAULT, JOIN THE QUIT RUSSIA MOVEMENT

iting "the humanitarian crisis caused by the war in Ukraine, and the precipitating unpredictable operating environment", McDonald's announced that it will be exiting Russia - 32 years after opening its first restaurant in 1990 – saying "that continued ownership of the business in Russia is no longer tenable."

■ The fast food giant will sell off all its 847 restaurants - which were already shut since March, leading to a loss

of \$50 million per month Giving company to McDonald's is French

automaker Renault

### From a pink heart to a jellyfish: New emojis ready for takeoff

hether it's a friendly smiling face or a cheeky aubergine, emoji now form a daily part of many people's day-to-day messages. Now, Unicode, the group responsible for approving new emoji, has revealed the characters being considered for the next release. Unicode shared a list of 21 new emoji it is considering for the next release. It includes a shaking face, left- and rightwards pushing hands, moose, donkey, wing, black bird, goose and jellyfish. Maracas, flute, hair pick, folding hand fan and hyacinth are also being considered, as well as three new coloured hearts - light blue, grey, and pink.

■ The list of potential emoji also includes a khanda - the symbol of the Sikh faith - and the wireless symbol ■ However, the list does not include any new flag emoji ■ Last year, Unicode made the

decision to stop accepting submissions for flag

# India notifies its 52nd tiger reserve



he Ramgarh Vishdhari Sanctuary in Rajasthan was notified as India's 52nd tiger reserve on Monday. This is Rajasthan's fourth tiger reserve after Ranthambore, Sariska and Mukundra. "The newly-notified tiger reserve includes the tiger habitat between Ranthambore Tiger Reserve in the northeast and Mukundra Hills Tiger Reserve on the southern side and facilitates dispersal of tigers from Ranthambore Tiger Reserve," Union environment minister Bhupender Yadav tweeted. o DID YOU

■ The floristic diversity of this new tiger reserve makes it an important area for research and education. Historic and cultural sites like Bhimlat, Ramgarh palace would encourage eco-tourism and provide employment opportunities to local communities, he said

■ Wild animals like Indian wolf, leopard, striped hyena, sloth bear, golden jackal, chinkara, nilgai and fox can be seen in the Ramgarh Vishdhari Tiger Reserve

'Status of Tigers in India' report released in 2019, there are 2,967 tigers in 20 states across the country

# ARE YOU READY TO SOLVE MATHS?

### PAPER SET BY HIMANSHU SRIVASTAVA, HOD MATHEMATICS, KUNWARS GLOBAL SCHOOL, LUCKNOW

-Franklin D Roosevelt

### **GENERAL INSTRUCTIONS**

- 1. This question paper contains three < sections- A, B and C. Each part is compulsory.
- 2. Section-A has 6 short answer type (SA1) questions of 2 marks each.
- 3. Section-B has 4 short answer type (SA2) questions of 3 marks each.
- 4. Section-C has 4 long answer type questions (LA) of 4 marks each.
- 5. There is an internal choice in some of the questions.
- 6. Q 14 is a case-based problem having 2 sub parts of 2 marks each.

### **SECTION-A**

Q. 1. Evaluate

 $\int x \sin x^2 \cos x^2 dx$ .

Find  $\int \sqrt{1 + 2 \cot x (\cot x + \cos cx) dx}$ 

- **Q. 2.** if  $|\vec{a}| = |\vec{b}| = 7$  and  $\vec{a} \times \vec{b} = 3 \hat{i} + 2 \hat{j} + 6 \vec{b}$ then find the acute angle: '  $\theta$  ' between  $\vec{a}$  and  $\vec{b}$ .
- Q. 3. A bag contains 4 red and 4 black balls, another bag contains 2 red and 6 black balls. One of the two bags is selected at random and two balls are drawn at random (without replacement) from the bag which are both found to be red. Find the probability that the balls are drawn from the first bag.
- **Q. 4.** Find the equation of the line in vector form passing through the point (-1, 3, 5) and parallel to the line line (x-3)/2 = (y-4)/3, z=2.
- **Q. 5.** If A and B are two events such that P

MOCK PAPER CLASS XII. CBSE MARKS 40, TIME: 2 Hrs

(A) = 0.2, P(B) = 0.4 and P(A " B) = 0.5then find the value of P(AIB).

**Q. 6.** What is the integration factor of  $x \log x \, dy/dx + y = 2/x \log x$ ?

### **SECTION-B**

Q. 7. Find the vector equation of plane which passes through the point (-2,4,-5)and perpendicular to the line given by 10(x+3) = 6(y-4) = 5(z-8).

Find the foot of perpendicular from the point (1, 3/2, 2) to the plane 2x - 2y + 4z + 5 = 0

**Q. 8.** Find  $(\frac{1-x}{1+x^2})^2 e^x dx$ .

Q. 9. Find the solution of the differential equation

$$\frac{dy}{dx} = \frac{x\sqrt{x^2 - 1 + y}}{\sqrt{x^2 - 1}}$$
OR

Find the particular solution of differential equation

 $\frac{dy}{dx} + \frac{y+2}{x^2+2x} = 0$ ; given that y =0, x=1.

**Q.** 10 For three vector  $\vec{a}$ ,  $\vec{b}$  and  $\vec{c}$  if  $\vec{a} \times \vec{b} = \vec{c}$ , and  $\vec{a} \times \vec{c} = \vec{b}$  then find the value of  $|\vec{a}|$ 

### **SECTION-C**

**Q. 11.** Evaluate  $\frac{p}{p} (\cos ax - \sin bx)^2 dx;$ where a, b Z.

through the points (1, 1, 0), (1, 2, 1) and (-2, -2, 1)

2. -1) and hence, find the distance between

**Q. 12.** Find the equation of a plane passing

the plane obtained and line x - 6 = 3(3 - y) = 3(z + 2).

**Q. 13.** Find the area bounded by  $4x = v^2$ with its latus - rectum.

Using integration, find the area enclosed by  $x^2 + y^2 = 16$  which is above x-axis.

# CASE BASED / DATA BASED

Q. 14. A coach is training 3 players. He observes that player A can hit a target 4 times in 5 shots, player B can hit 3 times in 4 shots and the player C can hit 2 times in 3 shots.

Based on the given information, answer the following questions. (i) Find the probability that A, B and C all

will hit the target (ii) What is the probability that 'any two of A. B and C will hit'?

These questions are meant for practice purpose 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

### **CLEAR ALL DOUBTS**

ake a note of your mathematical doubts and difficult concepts. Maths is an interesting subject as long as you can solve questions efficiently, but it can seem intractable if you get stuck and begin to lose interest. The trick is to practice all types of questions to clear the concepts. Self-evaluation is very helpful in finding the weak points to

# Strategies to excel in **CBSE XII math exams**

As a core subject, mathematics requires a thorough knowledge of theories and correct application of formulae through stepwise logical methods.

### THE PAPER PATTERN

A s per the latest pattern, the paper is divided into three sections that must be completed in 120 minutes. Go through the latest Sample Paper provided by CBSE for 2021- 2022 Term II Math exam.

### **HAND-WRITTEN NOTES**

To master maths, one needs to learn the formulae, theories and concepts by heart. Make separate hand-written notes of these for last-minute revision.

TIME

**MANAGEMENT** 

peading time is crucial and

thoroughly, especially the ones

understanding.

therefore, read the paper

ing keywords and then

### PRESENTATION IS KEY

eat work is a non-negotiable perk that always benefits a student. Make sure to label the graphs and figures properly. Avoid overwriting and scribbling. Always leave some space between two questions, and start a new section on a fresh page. involving statements, underlin

PRACTICE PAYS DIVIDENDS

increase the frequency of solving

mock tests and previous years' papers.

Solve at least one question paper a

day within the given time of 2 hours. It

will help increase your speed, make you

familiar with the type of questions asked

and offer you insights into key topics.

Remember not to skip the details of

the answers. Write headings in your

answers and underline key words.

s you approach the Math exam date,

### **FORMULAE AND KEY POINTS**

choosing the most scoring ntegration, Vectors, Thee-Dimensional questions based on your Geometry, Probability should be always in hand. At least two or three times revision should be spent on challenging chapters like Application of Integrals, Planes, Probability.

# Hard work is catalyst for success

improve your

score.

# PAPER SET BY UDGAM TEAM, UDGAM SCHOOL FOR CHILDREN, AHMEDABAD

## **GENERAL INSTRUCTIONS:**

### Read the following instructions carefully. 1. There are 12 questions in this question

paper with internal choice.

2. SECTION A - Q. No. 1 to 3 are very short answer questions carrying 2 marks each.

3. SECTION B - Q. No. 4 to 11 are short answer questions carrying 3 marks each.

4. SECTION C- Q. No. 12 is case based

question carrying 5 marks.

5. All questions are compulsory.

6. Use of log tables and calculators is not allowed

## **SECTION-A**

## **Question 1:**

Arrange the following in the increasing order of the property indicated (any 2): (a) Acetaldehyde, acetone, di-tert-butyl ketone. methyl tert-butyl ketone (reactivity towards HCN). (b) CH<sub>3</sub>CH<sub>2</sub>CH<sub>2</sub>CHO,

CH<sub>3</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>OH, H<sub>5</sub>C<sub>2</sub>-O-C<sub>2</sub>H<sub>5</sub>, CH<sub>3</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub> (boiling points) (c) Benzoic acid, 4-nitrobenzoic acid, 3,4dinitrobenzoic acid, 4-methoxybenzoic acid. (ka values)

Solutions of two electrolytes 'A' and 'B' are diluted. The ∧m of 'B' increases to a smaller extent while that of A increases to a much larger extent comparatively Which of the two is a strong electrolyte? Justify your answer. Graphically show the behaviour of 'A' and 'B'.

Question 3: An organic compound (A) with molecular formula C<sub>8</sub>H<sub>8</sub>O forms an orangered precipitate with 2.4-DNP reagent and gives yellow precipitate on heat ing with iodine in the presence of sodium hydroxide. It neither reduces Tollens' or Fehling's reagent, nor does it de colourise bromine water or

Baeyer's reagent. On drastic oxidation with chromic acid, it gives a carboxylic acid (B) having molecular

formula  $C_7H_6O_2$ . Identify the compounds (A) and (B).

## **SECTION-B**

## **Question 4:**

Account for the following: (a) pKb of aniline is more than that of methylamine

(b) Although amino group is o- and p- directing in aromatic electrophilic substitution reactions, aniline on nitration gives a substantial amount of m-nitroaniline. (c) Methylamine in water reacts with ferric chloride to precipitate hydrated ferric oxide.

4. (a) Give one chemical test to distinguish between the following pairs of com-

(i) Methylamine and dimethylamine (ii) Ethylamine and aniline **(b)** Give the structures of A and B in the following reactions:

 $NaNO_2+HCl \rightarrow B$  $C_6H_5NO_2 \xrightarrow{Fe/HCl} A$ (2+1)

# **Question 5:**

Answer the following questions: (a) The hexaquamanganese(II) ion contains five unpaired electrons, while the hexacvanoion contains only one unpaired

(b) Write the IUPAC name and hybridization of the following coordination compound:

electron, Explain using Crystal Field The-

 $K_3[Co(C_2O_4)_3]$ 

5. Answer the following questions: (a)  $[Fe(CN)_6]^4$  and  $[Fe(H_2O)_6]^{2+}$  are of different colours in dilute solutions.

(b) Write the d orbital occupation and coordination number of the central metal ion in

 $[Co(en)_3]^{3+}$ 

Draw the crystal field splitting diagram for the above complex. Question 6: (a) Account for the following: (i) In the series Sc(Z = 21) to Zn(Z = 30).

the enthalpy of atomisation of zinc is the lowest, i.e.,126 kJ mol-1 (ii) Variability in oxidation states of transition metals is different from that of the non-transition metals.

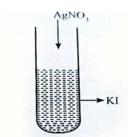
**(b)** Calculate the magnetic moment of a divalent ion in aqueous solution if its atomic number is 25.

Question 7: (a) Give names of the reagents to bring about the following transformations:

(i) Cyclohexanol to cyclohexanone

(ii) Ethanenitrile to ethanal (b) Write the structure/s of the expect ed products of aldol condensation of 2-Methylpentanal. Question 8:

(a) A colloidal sol is prepared by the given method in figure.



What is the charge of AgI colloidal particles in the test tube? How is the sol

formed, represented? **(b)** Which of the following electrolytes is the most effective for the coagulation of positively charged  $Fe(OH)_3$  sol.

NaCl, Na<sub>2</sub>SO<sub>4</sub>, Na<sub>3</sub>PO<sub>4</sub>
(c) Based on the type of dispersed phase, what type of colloid is micelles? (1x3=3)

## Question 9:

(a) Write chemical reaction of aniline with benzovl chloride and write the name of the product obtained. (b) Why do primary amines have higher boiling point than tertiary amines?

## OR

9. (a) What happens when: (i) N-ethylethanamine reacts with benzenesulphonyl chloride. (ii) Benzamide reacts with bromine in the presence of an alkali. (b) Write the IUPAC name for the following organic compound:

# CH<sub>3</sub> - N—CH<sub>2</sub>CH<sub>3</sub>

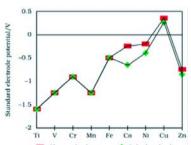
**Question 10:** 

Represent the cell in which the following reaction takes place  $Mg(s) + 2Ag^{+} (0.0001M) fi Mg^{2+} (0.130M)$ 

Calculate its E(cell) if  $E^{\circ}(\text{cell}) = 3.17 \text{ V}$ .

### Question 11: (a) On the basis of the figure given below. answer the following questions:

Graph of Observed and calculated values for the standard electrode potentials  $(M^{2+} \text{ fi } M^{\circ})$  of the elements Ti to Zn



(Source: NCERT) (i) The  $E^{\circ}(M^{2+}/M)$  value for copper is positive (+0.34V). What is possible rea-

(ii) The  $E^{\circ}(M^{2+}/M)$  values for Mn. Ni and Zn are more negative than expected? **(b)** Why is  $Cr^{2+}$  reducing and  $Mn^{3+}$  oxi-

dising when both have d<sup>4</sup> configuration?

**11.** (a) Out of Cu<sub>2</sub>Cl<sub>2</sub> and CuCl<sub>2</sub>, which is more stable and why? (b) Although Zr belongs to 4d and Hf belongs to 5d transition series, but it is quite

difficult to separate them. Why? (c) Although fluorine is more electronegative than oxygen, but the ability of oxygen to stabilise higher oxidation states exceeds that of fluorine. Why?

(1x3=3)

# **SECTION-C**

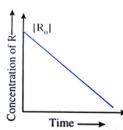
**CLASS:** XII

**SUBJECT: CHEMISTRY (CBSE)** Maximum Marks: 35

## **Question 12:**

Zero order are those reactions in which the rate of the reaction is proportional to zero power of the concentration of reactants. The rate of the reaction is independent of concentration of reactants. For the reaction, fi P

Rate =  $(-d[R])/dT = k[R]^0$ For zero order reaction, the graph of variation in concentration vs time is given below:



Zero order reactions are relatively uncommon, but they occur under special conditions. The decomposition of ammonia on a hot platinum surface is a zeroorder reaction at high pressure.

Based on the above information, answer the following questions: (a) What is the slope of the graph shown in the passage?

**(b)** Write the expression of half-life period for zero order reaction. (c) Give an integral rate equation for zero order reaction. (d) What is the unit of rate constant for

zero order reaction when pressure is measured in bar and time in minutes? 1 (d) What is the rate of production of  $H_2$  if  $k = 2.5 \times 10^{-4} \text{ mol L}^{-1} \text{ s}^{-1}$ ?

(e) Give one example of zero order reac-

tion other than given in the passage.

These questions are meant for practice

purpose 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



WEDNESDAY, MAY 18, 2022

It's not just a place where you get to learn Einstein's Theory of Relativity. It's also a place where you can think beyond the classroom. Hence we say, SCHOOL IS COOL!

03

# Students visit old age home





ging comes with lots of wise experiences, wisdom, and knowledge. Visiting an old age home gives the opportunity to children to spend some time with elderly people and learn these life lessons. In the light of the same, students of Som-Lalit School visited an old age home recently during their school hours.

A warm welcome was given to the students by all inmates. Both the students and all the residents of the home were overwhelmed and delighted to spend some quality time with each other. The school donated some ration to the old age home. Students returned to school with lifetime memories and the lesson to respect and take care of





# Grand farewell to the senior students



ebar school campus was filled with nostalgia as the teachers, staff members and heads of the school bid goodbye to the class X batch of 2021-22 in a special ceremony. The tennis court reverberated with cheers of the outgoing batch, as their teachers shared their experiences with the special virtual batch. Throughout the morning, students and teachers were mesmerized by the colourful splendour of vibrant colours, wise words, laughter, and tears. Principal, Sharmistha Sinha, gave an inspiring speech that captured students' and teachers'

Students expressed their gratitude toward their mentors and friends in heartthanksgiving speeches. Students were lauded for their dedication and resilience during the pandemic by their educators. Vice principal Mili Bhattacharyya addressed the students at the end, encouraging them to work hard in preparation for their upcoming boards and uphold the values they learned at Zebar School. Shivani Joshi, vice-principal for Special Education, inspired students to seek their goals light snacks with their teach-





and put in their best efforts. The students were presented with memento's and enjoyed

ers in their classrooms. NAVNEET ARORA BISWAS, Zebar School for Children

# Exciting deep dives, manta rays and more

was extremely excited when I woke up. It was the day we were off to Maldives.

We were excited to meet up with all those travelling with us. After reaching Maldives, we had to get onto

a speed boat to reach our hotel. While on the speedboat, we got an amazing view of the islands and the blue

> After reaching the hotel we hurried to the sunset beach to view the

sunset. Through the week, we all learned how to dive and snorkel. I was supposed to do a course in diving but I had a ligament tear in my knee, so I could not do the course.

Our diving instructor was my mom's colleague and friend so we did a few special dives. I experienced going deep down, equalising the pres-



sure with my nose and breathing with the help of an oxygen cylinder. During

the dive I saw a manta ray and various species of fish. One evening I went snorkelling

with my parents. I was thrilled beyond words to see many schools of fish and various kinds of corals. That was one of the best evenings I have ever had.

Another evening we went on a visit to a deserted island. Every night I

Summer vacations are only for fun and good times





would go to the pier and see sharks and spearfish.

I loved every second of this trip.

Deetya Bopanna Kalengada, class V, Sishu Griha Junior School, Bengaluru

# Creative Corner



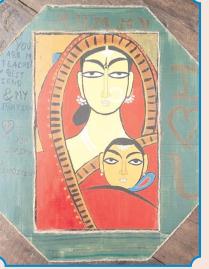
Nihaaal Shah, Class VII, St Kabir School



Heet Jain, Class III, St Kabir School



Teesta Patel, Class VII, Sheth CN **English Medium School** 



Saumya Bhatt, Class VI, Sheth CN English Medium School



K Shanjith, Class VI, Essar International

### would like to fully support this argument, ou know it's summer when the talk turns to fresh lemonades, because you know what they say, 'Travel is the

best teacher and adventures are the best way

There is no doubt that we travel a lot and have a lot of adventures during the summer holidays; whether it's learning how to cook a new dish or travelling to an exotic place. Even if you do not have your books around, you're still learning a whole lot of new things.

We need not stick to the traditional way of learning through books and reference materials.

Instead, we can experiment with new learning methods. Even when you are having fun during your summer holidays always carry an inquisitive mind that'll absorb and curate all sorts of information, even if it's on how to sew a button.

The only difference is that during the holidays, the learning process happens without our knowledge and that during school, it happens with our knowledge. Either way, it benefits us in many

DPS, E-City, B'luru



ways; one in becoming more book-smart and the other in street-smart. Afterall, both are needed in life, right? **Anagha Girish** Arangath, class XII,

spicy mocktails, family road trips, resort stays, tent camping, flip flops, ice cream, ripped mangoes, lazy weekends, oppressive humidity and balmy breezes at the beach. There is nothing more evocative of summer than the happy and carefree vibes. Summer is one of my favourite times of the year. The summer break

is when I visit my cousins right after school's out, so I associated summer with only fun and good times as a child. We all know there is just a special feeling about summer and that it can be unique to each of us. With age, however, I have begun to realise summer's true essence.

Amidst the shiny façade lies a profound meaning. This summer is a well-deserved break for you. However, it isn't just about spending time in the pool all day. Despite how magical that sounds, summer is the best time for self-develop-

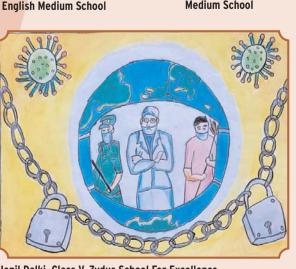
Summer comes every year to remind us that this time off is important for rejuvenation. Our energy levels are replenished by summer, so we take time off to reminisce about everything that has happened in the year. We preserve and reconnect.

I like to review the coming academic year's portions so that when school starts I'm already familiar with my concepts. Maybe you can learn a new language, acquire a new skill, or engage in an internship. By doing so, you will have a worthwhile sum-

> If you love life, don't waste time. For time, is what life is made of.

**Agnes Dominio** class XII, DPS. **Electronic City, Bengaluru** 





Jenil Dalki, Class V, Zydus School For Excellence



Zenisha Patel, Class III, Essar International School

WEDNESDAY, MAY 18, 2022



# DRAMATIC DRAW AT JUVENTUS

## MILINKOVIC-SAVIC EARNS LAZIO LAST-GASP POINT

earned Lazio a dramatic 2-2 draw at Juventus in Serie A on Monday, a point that sealed the Rome club's spot in next season's Europa League, overshadowing Giorgio Chiellini and Paulo Dybala's farewell. Already assured of a fourth-placed finish this term, Juventus could take the game to Lazio with the pressure off, racing into a 10th-minute lead after Dusan Vlahovic's flying header found the net.

## STANDING OVATION

Veteran defender Chiellini was then taken off early and given a standing ovation by fans in what will be his last home match for Juventus before he leaves the club after 18 years in Turin. Spanish striker Alvaro Morata then doubled Juve's lead in the 36th minute as they looked on course to give their supporters something to cheer after a disappointing season on the whole for Serie

stoppage-time goal from A's most successful side. Juve took their foot Milinkovic-Savic off the gas in the second half, however, with Alex Sandro's own goal six minutes after



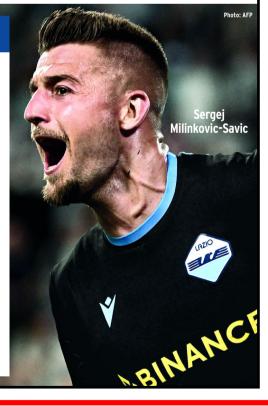
Tonight was a wonderful evening, full of emotions

MASSIMILIANO ALLEGRI, **Juve coach** 

the break giving Lazio hope of getting something from the match. The visitors did not look like they had another goal in them, with Juve coach Massimiliano Allegri taking Dybala off to allow him his moment of applause before he too leaves the club.

## LAST KICK OF GAME

Milinkovic-Savic had the final say, with the last kick of the game, to ensure Lazio in fifth cannot be caught by Fiorentina in seventh, so a Europa League campaign awaits next term. "The evening of Chiellini and Dybala." A few videos of Chiellini should be sent to our training ground to show how he applies himself. On a personal and human level, he also helped me a lot when I arrived at Juventus. He introduced me to Juventus. "Dybala was an important player for seven years, I raised him because he was a child, and the fans gave him a welldeserved tribute. It would have been nice to finish with a win for them, but tonight's game sums up our year - we need to get used to winning again," Allegri said. REUTERS



# **NIKHAT, MANISHA, PARVEEN CONFIRM MEDALS** IN BOXING WORLD C'SHIPS

ikhat Zareen (52kg), Manisha (57kg) and Parveen (63kg) continued their stellar run at the IBA Women's World Boxing Championships in Istanbul on Monday by advancing to the semifinals but five other Indians bowed out after suffering quarterfinal losses.

Confirming their first World Championships medals with a place in the semifinals, Nikhat out-punched England's Charley-Sian Davison 5-0 while young Parveen got the better off Shoira Zulkaynarova of Tajikistan with an identical margin.

Manisha, on the other hand, dispatched Mongolia's Namuun Monkhor in a hardfought quarterfinal by a 4-1 split decision. However, it was the end of the road for Nitu Pooja Rani (81kg), Anamika ment with a victory. PTI



(50kg), Jaismine (60kg) and Nandini (+81kg).

Continuing her stellar run from the Strandja Memorial tournament where she won the gold earlier this year, Nikhat handed India its first (48kg), seasoned campaigner medal at this year's tourna-

# QUIZ TIME!

**Q1.** Which player was the top scorer in the 2018 FIFA World Cup?

- a) Luka Modric
- b) Kylian Mbappe
- c) Harry Kane
- d) Thibaut Courtois

• Which athlete holds the **QZ** record for most Olympic appearances in any track and field athletic event?

- a) Allyson Felix
- c) Merlene Ottey d) Marita Coach
- b) PT Usha

- Q3. When was Thomas Cup
- a) 1926 b) 1938
- c) 1949
- d) 1957

4. Who designed the FIFA Women's World Cup trophy?

- a) William Sawaya
- b) Formiga
- c) Marta d) Sun Wen
- Q5. How many Test wickets has Muttiah Muralitharan taken?
- a) 760
- b) 600
- c) 981 d) 800



- Q6: Where did the game of Lawn Tennis originate?
- a) Birmingham
- b) Rome
- c) Amsterdam d) Berlin

Q7. Which of these Indian players was famous as "Pocket Dynamo"?

- a) Leander Paes
- b) Vijender Singh c) KD Jadhav
- d) Gurbux Singh

**Q8.** Which among the following is the National Section • the National Sports of USA?

- a) Bowling b) Baseball
- c) Table Tennis d) Rugby

17 'The World Beneath his Feet' is the biography of \_\_\_\_\_

- a) Pulela Gopichand b) Nawab Pataudi
- c) Ajit Wadekar
- d) Sachin Tendulkar

Q10: When was the first time the metric units were introduced in the Games instead of the imperial units?

- a) 1958 b) 1970 c) 1962 d) 1966
- ANSWERS: 1. c. Harry Kane
- 2. c. Merlene Ottey 3. c. 1949 4. a. William Sawaya 5. d. 800
- 6. a. Birmingham 7. c. KD Jadhav
- 8. a. Bowling 9. a. Pulela Gopichand