



THE TIMES OF INDIA

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**TODAY'S
EDITION**

➤ With global warming on the rise, know more about your ecology by solving sample papers on environmental applications
PAGE 2



➤ A student talks about his role model IPS officer C Sylendra Babu, the DG of police, Tamil Nadu
PAGE 3



➤ Napoli honour Maradona, crush Lazio
PAGE 4



STUDENT EDITION
TUESDAY, NOVEMBER 30, 2021

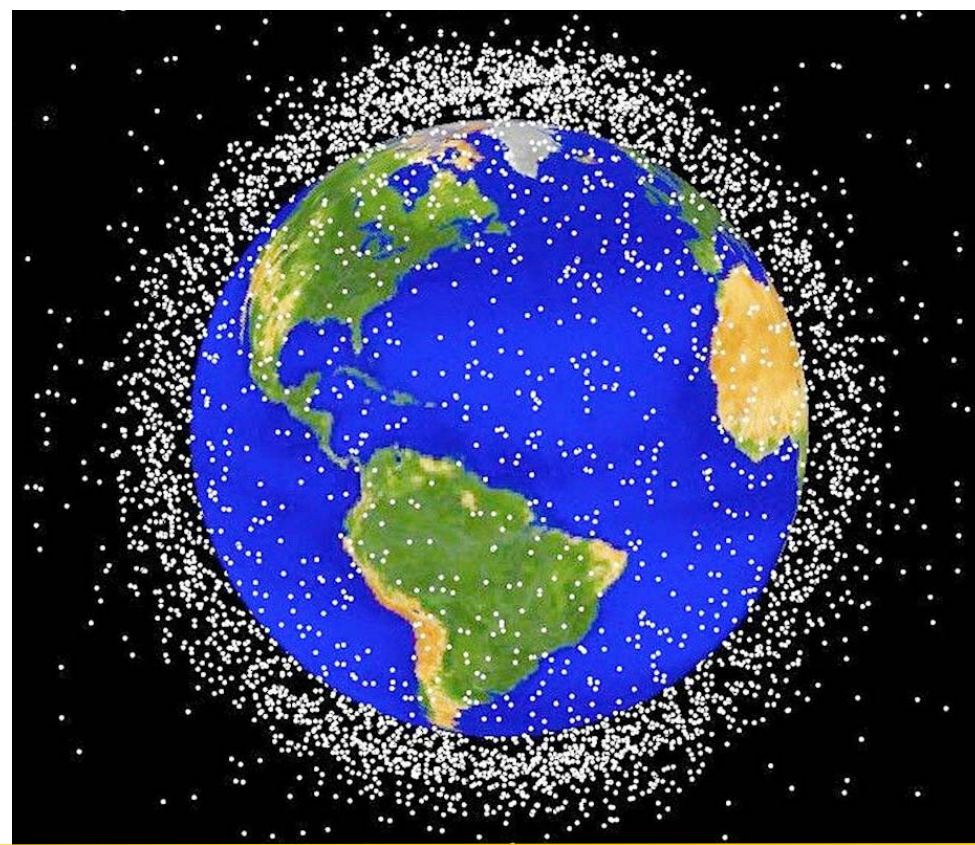


CLICK HERE: PAGE 1 AND 2

Earth could have its own Saturn-like band due to pollutants

RINGS OF SPACE JUNK?

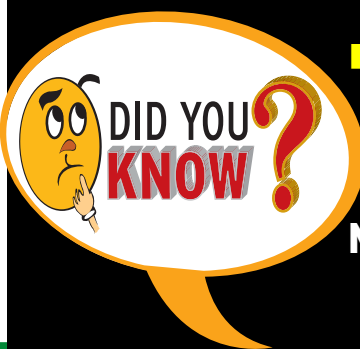
The rising pieces of debris floating in space may lead to form a 'ring' around the Earth, similar to the solar system's gas giants, scientists have claimed. "The Earth is on course to have its own rings," said University of Utah professor Jake Abbott. "They'll just be made of junk," he added. In fact, according to NASA, the low-Earth orbit (LEO) is now viewed as the 'world's largest garbage dump.'



1 Space junk, considered a type of pollution, has grown dramatically since 1957, the study observes. NASA estimates that there are at least 23,000 pieces of debris that enter the low-Earth orbit larger than a softball in orbit, but there are probably 500,000 pieces between 0.4 inches and four inches

2 The weight is equivalent to 1,100 elephants. The worrying part is that the size of the herd is projected to continue to grow exponentially.

3 According to the European Space Agency, it's possible that there are 170 million pieces of space debris that are smaller than 0.4 inches



■ Four planets in the solar system already have rings – Jupiter, Saturn, Neptune and Uranus

■ Saturn's rings are made of ice and rock, varying in size, and could be remnants of ancient comets, asteroids or celestial satellites, NASA notes

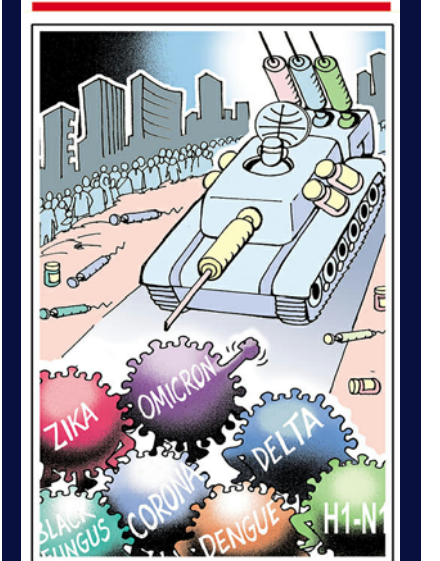
■ The rings that orbit Jupiter and Neptune are significantly fainter and are primarily made of dust. It's possible that Jupiter's rings may stem from a number of meteor strikes that have hit the planet's 79 moons

CORONA UPDATE

OMICRON FORCES REVIEWS, BRINGS BACK CURBS

The Centre on Sunday decided to review the decision on resuming scheduled commercial international passenger services, in the wake of the new Covid-19 variant of concern 'omicron'. India had announced resumption of flights from December 15. "The new variant of coronavirus reportedly has more than 30 mutations at the spike protein region and therefore has the potential of developing immune-escape mechanisms. As most vaccines (work by) forming antibodies against the spike protein, so many mutations at the spike protein region may lead to a decreased efficacy of Covid-19 vaccines," AIIMS Director Dr Randeep Guleria said. In such a scenario, the efficacy of vaccines including those in use in India needs to be evaluated "critically", he said.

JUST LIKE THAT AJIT NINAN



The new, potentially more contagious B.1.1.529 variant, was first reported to the World Health Organisation (WHO) from South Africa on November 24



WHICH ISLAND IS THE BIRTHPLACE OF THE WORLD'S RICHEST FEMALE SINGER?

CLUE 1: It's also home to several notable cricketers, including Garfield Sobers and Malcolm Marshall.

CLUE 2: Its capital was originally called Indian Bridge, after a river bridge built by Indian settlers.

CLUE 3: It imported mongoose from India to take care of the rats infesting its sugarcane fields.

Answer: **BARBADOS.** The island nation will become the world's newest Republic as it severs its ties with the British monarchy, replacing Queen Elizabeth II, who's its current Head of State, with Sandra Mason, currently the Queen's representative in her capacity as Governor General, as the island's first President. The birthplace of Rihanna, the world's wealthiest singer, worth around \$1.7 billion, Barbados' capital is Bridgetown.

Merriam-Webster chooses vaccine as the 2021 word of the year

With an expanded definition to reflect the times, Merriam-Webster has declared an omnipresent truth as its 2021 word of the year: vaccine. At Merriam-Webster, lookups for "vaccine" increased 601 per cent over 2020, when the first US shot was administered in New York in December after quick development, and months of speculation and discussion over efficacy. The world's first jab occurred earlier that month in the UK.



■ The word "vaccine" wasn't birthed in a day, or due to a single pandemic. The first known use stretches back to 1882 but references pop up earlier related to fluid from cowpox pustules used in inoculations
■ It was borrowed from the New Latin "vaccina," which goes back to Latin's feminine "vaccinus," meaning "of or from a cow." The Latin for cow is "vacca," a word that might be

akin to the Sanskrit "vasa," according to Merriam-Webster. ■ Inoculation, on the other hand, dates to 1714, in one sense referring to the act of injecting an "inoculum." Earlier this year, Merriam-Webster added to its online entry for "vaccine" to cover all the talk of mRNA vaccines, or messenger vaccines such as those for Covid-19 developed by Pfizer-BioNTech and Moderna



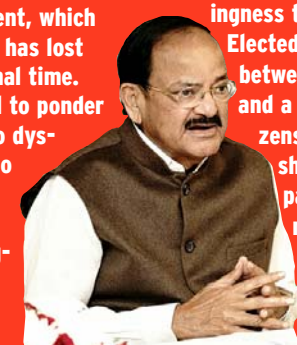
Twitter likely to roll out 'Reactions' feature soon

After unveiling several features this year, micro-blogging site Twitter is reportedly readying new features, including Reactions, Downvotes and Sorted Replies for iOS users. According to reverse engineer Nima Owji, the Reactions feature, which started being tested a couple of months ago, is set to launch soon, reports 9To5Mac.

With four new reactions, "tears of joy," "thinking face," "clapping hands" and "crying face," this feature is designed to give users the ability to better show how conversations make them feel and to give users "a better understanding of how their Tweets are received".

Quote unquote

During the last 254th Session, the productivity of the Upper House slipped to 29.60 per cent, which means that Rajya Sabha has lost about 70 per cent of functional time. Therefore, all concerned need to ponder over rendering legislatures so dysfunctional. Clearly, we need to have more meaningful, productive use of our time in Parliament. We need to recognise the exalted place that Parliament occupies in public



In a democracy, people's will is conveyed as the mandate to the government of the day. Tolerance towards the mandate of the people is the guiding spirit for legislatures. Dialogue and debates in the constituent assembly should be marked by openness to new perspectives and willingness to listen to diverse views.

Elected representatives must choose between being a bad lot and a good lot. All citizens and stakeholders should work with passion for the nation
M Venkaiah Naidu, Vice President

Dhanush wins Best Actor for 'Asuran' at BRICS Film Festival



Actor Dhanush's stellar performance in director Vetrimaran's Tamil film 'Asuran' fetched him the Best Actor Award at the BRICS Film Festival, which was held alongside the 52nd edition of the International Film Festival of India (IFFI) that came to a close in Panaji on Sunday. This is the first time that the BRICS Film Festival has been conducted alongside the IFFI. The BRICS festival had films from Brazil, Russia, India, China and South Africa participating in it.

Interestingly, Dhanush had won a National Award for the same film earlier this year

■ While Dhanush was adjudged the best actor, Lara Boldorini was awarded the Best Actor (female) at the festival for her performance in the Brazilian film 'On Wheels'

■ The Best Film Award

was shared by two films - South African film 'Barakat' and the Russian film 'The Sun Above Me Never Sets'

■ Chinese Director Yan Han was awarded the Special Mention Award for his film 'A Little Red Flower' at the festival



CLASS: X - 2020-21

SUBJECT:
ENVIRONMENTAL APPLICATIONS (ICSE)

Time Allowed: 1 Hour

Maximum Marks: 50

BE AN EXPERT ON ECOLOGICAL ISSUES



PRACTICE PAPER SET BY HUMA SYED, BIRLA OPEN MINDS INTERNATIONAL SCHOOL, KOLLUR, HYDERABAD

GENERAL INSTRUCTIONS

- (1) All Questions are Compulsory.
- (2) The marks intended for questions are given in brackets [].
- (3) Select the correct option for each of the following questions.

SECTION-A (MARKS 15)

Question 1

- (a) Soil management refers to
A. Reducing Soil erosion
B. Adjusting soil factors for maximum crop production.
C. Increasing infiltration of rain water in soil.
D. Protecting land surface from impact of rainfall.
- (b) Remote Sensing Satellites are used for
A. Predict weather and Natural calamities.
B. Ocean study and tides development.
C. Deforestation, mining and Land degradation.
D. All the above
- (c) Anthropogenic causes of soil erosion are
A. Torrential rains and wave action.
B. Deforestation and Mining activities.
C. Wrong agricultural practices and use of chemical fertilizers. D. Both B and C
- (d) Choose the correct full form of the given abbreviations:
i. SPM- Standard Particulate Matter
ii. JMF - Joint forest management.
iii. CNG- Compressed neutral Gas
iv. SPM- Suspended particulate matter

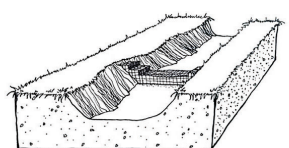
- Options:
A. i & iii B. ii & iii C. i & iv D. ii & iv
- (e) Which of the following point is not correct with reference to the steps taken by Supreme Court of India to protect Taj Mahal?
A. Creation of Green Belt around Taj Trapezium Zone.
B. Banning the use of Coal/Coke in industries.
C. Relocating factories outside the Trapezium.
D. Use of only CNG vehicles in close vicinity of Taj Mahal.
- (f) Community Forestry is a branch of forestry where
A. Local people are involved in forest protection plans.
B. Afforestation on non-forested areas is done.
C. Agriculture, Livestock farming and forestry done together. D. All the above.
- (g) Pick out the right option for biodegradable wastes.
A. Bricks and Asbestos
B. Molasses and Crop residue
C. Thermacol and Aluminium
D. None of these
- (h) Eutrophication means
A. Accumulation of toxic substances in water body
B. Depletion of oxygen content in the water body.
C. Increase in the toxic substances along the food chain.
D. Percolation of toxic substances down the layers of soil.
- (i) The integrated Watershed management refers to
A. Interconnected management of Soil, Water and Forests.

- B. Construction of Water harvesting structures.
C. Construction of Large Multipurpose Dams.
D. Conservation of Lakes and Rivers.
- (j) The Basel Convention was adopted to -
A. Provide the world a sustainable transport model.
B. Restrict transboundary movement of hazardous wastes.
C. Introduction of CNG for public transport.
D. Set emission standards to reduce automobile pollution.
- (k) Which of the following is not a technical device to control Air pollution?
A. Electrostatic precipitator
B. Sludge digester C. Wet Scrubber
D. Cyclone separator
- (l) The Soil conservation strategy to reduce flow velocity of water -
A. Check Dams B. Contour bunding
C. Basin listing D. None of these
- (m) Pick out the examples of alternate fuels from the given options.
A. Firewood and Coal
B. Petrol and Diesel C. Biodiesel and CNG
D. Coal and Petroleum
- (n) Which of these is not a cause of deforestation?
A. Shifting agriculture
B. Mining activity C. Industrialization
D. Tree Break
- (o) Which of these is not an advantage of Landfills?
A. Reduce chances of pathogenic disease
B. Leachate is formed
C. No foul smell produced
D. Prevents menace insects and rodents

SECTION-B (MARKS 15)

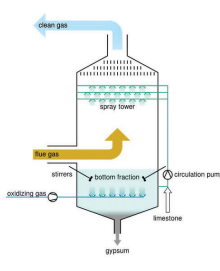
Question 2

- (a) Study the given picture and answer the questions that follow by picking the correct option from 1 to 4 in each case.



- i) The structure shown in the given picture is
A. Johads B. Check Dam
C. Contour Bunds D. Kund
- ii) This structure is build by using
A. Bags of sand B. Boulders and logs
C. Ridges and channels D. Both A & B
- iii) The given structure is a method to conserve
A. Forests B. Water C. Soil D. Both B&C
- iv) The advantage of the structure given here is it
A. Reduces flow velocity of water.
B. Recharges groundwater.
C. Harvests rainwater D. All of the above
- v) Pick out the option which is not correct with the reference to the structure shown here
A. It conserves water
B. Cost of building is less.
C. Water can be directed for irrigation.
D. Water can be stored in reservoir for future use.
- (b) Given below is a diagram of a device to check the release of harmful

substances into the atmosphere as a strategy to control Air pollution. Study the diagram and answer the following questions.



- i) The Air pollution control device shown in the diagram is -
A. Electrostatic Precipitator
B. Bag House filter C. Wet Scrubber
D. Cyclone separator
- ii) The device shown here can remove
A. SPM and Acid gases
B. Oxides of carbon C. Grease and Oil
D. All of these
- iii) The device shown here can be used in
A. Three stroke engines
B. Activated sludge Process
C. Factories and Industries
D. Thermal Power Plants
- iv) The given device works on the principle of
A. Induced electrostatic charge.



- B. Neutralization of Acid gases.
C. Turbulent mixing of gases and liquid.
D. Rotation and force of gravity.
- v) Which of the following point is correct with reference to the advantage of the device shown here?
A. It can handle large amount of dust particles.
B. It is capable of handling high temperature.
C. It emits lower levels of acidic gases and dust particles.
D. All the above.

Question 3

- Mention weather the given statement is true or false:
(a) Household wastes like plastic, tin can, thermocol etc that can be broken down by the microorganisms are called biodegradable wastes.
A. True B. False
- (b) Euro Norms are voluntary European emission standard followed in European Union.
A. True B. False
- (c) Biogas is an effective alternative for fuel wood in the urban areas.
A. True B. False

- (d) Soil carried away by rain and wind end up in water bodies and cause salination.
A. True B. False
- (e) Hybrid vehicle uses one or more distinct power sources to move the vehicles.
A. True B. False

SECTION-C (MARKS 20)

Question 4

- Fill in the blanks choosing the correct option from 1 to 4.
(a) The main objective of _____ is the management of forests, water resources and water security.
A. Delhi Model City B. Auroville
C. Tarun Bharat Sangh
D. Basel Convention
- (b) The Auroville 'The City of Dawn' and experimental township is in the City/State/Union Territory of _____.
A. Curitiba- Brazil
B. Villupuram-Tamil Nadu
C. Basel- Switzerland
D. Delhi- India
- (c) Which of the following is not an advantage of Remote Sensing?
A. Prediction of natural calamity

- toxic substances along the food chain
A. Biomagnification
B. Eutrophication
C. Salination D. Algal Bloom
- (d) A vehicle which uses two or more distinct power sources to run
A. Alternate Energy Vehicle
B. Liquid Nitrogen Car
C. High Occupancy Vehicle
D. Hybrid Vehicle
- (e) Choose the statements which are correct pertaining to the advantages of Joint Forest Management.
i. Government and local people work in partnership.
ii. Plant cover on roadsides and Canal-ridges is increased.
iii. Employment for local people
iv. Locals have the access to forest products.
A. i, ii and iv B. i, iii and iv
C. ii, iii and iv D. i and iv

Question 6

Match the statement in Column I with the most appropriate in Column II.

Column I	Column II
a) Thermacol and Aluminium	i) Alternate power sources
b) Solar cooker and Biogas	ii) Green House gases
c) Heavy metals and Mercury	iii) Alternate to Fuel wood
d) CNG and Hydrogen	iv) Non-biodegradable substances
e) Carbon dioxide and Methane	v) Hazardous wastes

- a) (i) (ii) (iii) (iv) (v) b) (i) (ii) (iii) (iv) (v)
c) (i) (ii) (iii) (iv) (v) d) (i) (ii) (iii) (iv) (v)
e) (i) (ii) (iii) (iv) (v)

Question 7

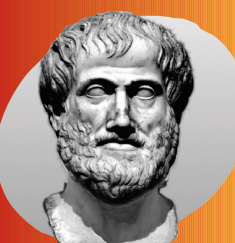
- The following questions are based on Soil Conservation methods. Choose correct option to fill in the blanks.
a) Leguminous crops b) Dry leaves and Husk c) Slope of hill. d) Prevailing wind
e) Contour bunding. f) Basin listing.
- i) In Terrace farming the fields are cut at right angles to the _____
ii) In _____ alternate ridge and channels are made.
iii) Crop rotation is the method where _____ are used to restore soils fertility.
iv) Mulching is a method where _____ are spread on soil.
v) Shelter belts involve planting of Trees and shrubs at right angle to the _____.
(i) a) (b) (c) (d) (e) (f)
(ii) (a) (b) (c) (d) (e) (f)
(iii) (a) (b) (c) (d) (e) (f)
(iv) (a) (b) (c) (d) (e) (f)
(v) (a) (b) (c) (d) (e) (f)

KEY: Q1. a- B, b- D, c- D, d- D, e- D, f- D, G- B, h- B, i- A, j- B, k- B, l- A, m- C, n- D, o- B
Q2. a. i-C, ii-D, iii-D, iv-D, v-C
b. i-C, ii-A, iii- C. iv- B, v- C
Q3. a- False, b- True, c- False, d- False, e- False
Q4. a-C, b- B, c-D, d-A, e-D
Q5. a-B, b-C, c-A, d-D, e-B
Q6. A- iv, b-iii, c-v, d-i, e-ii
Q7. i-c, ii-e, iii- a, iv- b, v-d

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.

OF MOVEMENT, FRICTION & REST

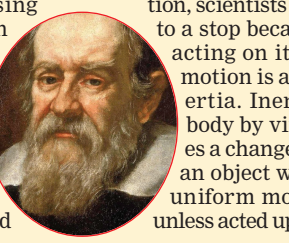
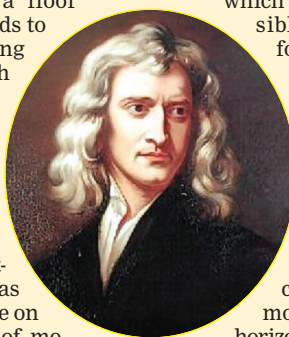
Have you ever thought about why things move? For example, why an arrow shot from a bow keeps flying or why a ball keeps moving when hit with a bat. Well, a similar thought occurred to the Greek philosopher Aristotle (384 BC- 322 BC). According to him, an external force is required to keep a body in motion. However, this notion was flawed, but how? Let us see...



A small child playing with a simple toy-bus on a floor knows that it needs to constantly drag the string attached to the bus with some force to keep it going. If it releases the string, it comes to rest.

A moving bus comes to rest because the external force of friction on the bus by the floor opposes its motion. To counter this force, the child has to apply an external force on the bus in the direction of motion. When the bus is in uniform motion, there is no net external force acting on it: the force by the child cancels the force (friction) by the floor. It implies that if there were no friction, the child would not be required to apply any force to keep the toy bus in uniform motion. The opposing forces such as friction (solids) and viscous forces (for fluids) are always present in the world. On this understanding is where Aristotle went wrong.

To get at the true law of nature for forces and



motion, one has to imagine a world in which uniform motion is possible with no frictional forces opposing. Which is what Galileo did, he studied the motion of objects on an inclined plane and observed that objects moving down an inclined plane accelerate, while those moving up retard. Galileo concluded that an object moving on a frictionless horizontal plane must neither have acceleration nor retardation, i.e. it should move with constant velocity.

Galileo made observations about friction and Newton built on these observations. What made Newton so radical was that before his first law of motion, scientists had said an object came to a stop because there was no force acting on it. Newton's first law of motion is also called the law of inertia. Inertia is the ability of a body by virtue of which it opposes a change. According to this law, an object will remain at rest or in uniform motion in a straight line unless acted upon by an external force.

EXAMPLES FOUND IN DAILY LIFE

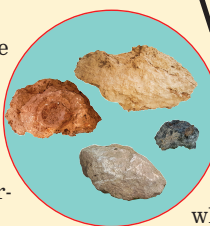
AN ASTRONAUT MOVING CONTINUALLY IN SPACE

In outer space, there are no external forces. So an object in motion stays in motion as there is no external force to oppose its motion. Astronauts are able to fly due to this reason.



A ROCK AT REST

A rock lying on the ground will continue to do so for millions of years unless it is pushed by nature or by some force. It won't be floating around in different places.



THE CHANGE OF DIRECTION OF A SOCCER BALL

In a game of soccer, the soccer ball is continuously kicked around. According to Newton's first law of motion, it should be in motion forever, but it



is stopped due to external forces of friction and muscular force. Frictional force stops the ball from moving forever. The muscular force can stop, change the direction and speed of the soccer ball.

JUMPING ON A TRAMPOLINE

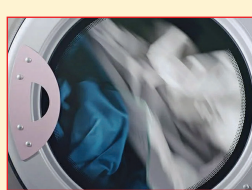
When we jump on a trampoline we are thrown skywards but eventually, we do come down. This is because of the force of gravity which brings us back. Here, the gravitational force acts as an external force.



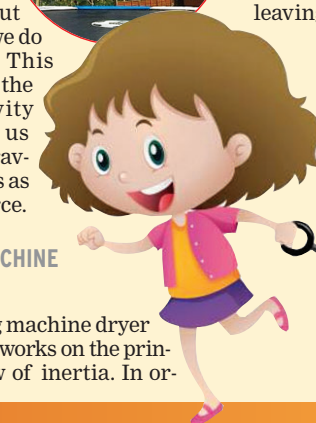
WASHING MACHINE DRYER

A washing machine dryer entirely works on the principle of the law of inertia. In or-

der to dry the clothes, the drum of the washing machine dryer is subjected to motion, which further causes the clothes to move; however, the water molecules contained in the cloth do not follow up the motion and stay in their position of rest. Due to the gravity, the water gets collected at the base of the drum. The holes of the drum let the water out, leaving the clothes dry.



Nidhi
Srivastav,
educator,
SGVP School,
Ahmedabad



Focus, commitment and sheer will

It has been rightly said that a person with unhindered focus, dedicated commitment and sheer will can even move mountains.

At Narayana, there have been many students with such qualities who have become distinguished personalities with their impressive academic accomplishments.

One such Narayanaite is a tenth grade student, Krishiv Goyal. He has raised the bar of excellence for all the pupils of Narayana institutions by securing splendid All India Rank 2 in the International Standard Mathematical Olympiad (ISMO - 2021) along with marvelous All India Rank 3 in the International Standard Science Olympiad (ISSO - 2021). These Olympiads were conducted nation-wide in the month of February - 2021, by CNAPS.

Krishiv has been a part of Narayana's E-techno section since ninth grade.

Narayana's E-techno section follows an integrated curriculum which majorly focuses on developing a child's core subject knowledge by engaging them in integrated foundational courses.

Krishiv has been upgrading his subject



knowledge with the help of such foundational courses since ninth grade. His unhindered focus, dedicated commitment and sheer will are clearly showcased in his brilliant Academic and Olympiad results.

Olympiad examinations require a strong foundation in all the academic subjects.

Students have to relentlessly strive hard to develop a sturdy subject structure to shine in such examinations. E-techno programs

shape students in such a way that they become capable of cracking Olympiad, JEE, NEET and all the other equivalent examinations.

Krishiv credits the E-techno programs for upgrading his calibre and also shows gratitude towards his teachers for building the required skills in him. His next goal is to make his teachers and parents proud by securing All India Rank 1 in the upcoming CBSE Board examinations.

VIGILANCE AWARENESS WEEK

Observance of Vigilance Awareness Week is taken up to encourage all countrymen to collectively participate in the prevention of, and the fight against corruption and to raise public awareness regarding the existence, causes and gravity of and the threat posed by corruption.

In pursuit of the vision of the Government of India, D.A.V. Public School, Thane observed 'Vigilance Awareness Week' from 26.10.2021 to 01.11.2021 on the Theme 'Independent India @ 75 Self Reliance with Integrity'.

As part of the programme and to make the students understand the value of integrity, many activities were conducted throughout the week.

Conventionally throughout the week in the morning assembly, students took e-integrity pledge through online mode.

The students of the secondary section of Std. VI to X took part in various activities like they prepared a PPT on the topic, giving speeches and taking part in debate and discussion wherein they expressed their views and suggestions to put an end to existing corruption.

The students also actively participated in activities like poster making, slogan writing and essay writing activities.

There were many who recited self-composed poems related to anti-corruption.

This array of activities evoked a lot of interest from the students, and thus the objective of the event which was to inculcate awareness on vigilance in public life and make the students honest and responsible citizens who are now geared up to combat the menace of corruption, was achieved.



ALONE

So many people there are,
7.2 billion on this earth,
Yet no one is by my side.
From the world I try to hide.
Because no one tries,
To even be my friend
Is it just me, who is at fault?
Or the people are also at fault?
The world doesn't accept me,
The way I am. Why? I ask
'why' ??
I also want to be a friend,
I also want to be loved and wanted.

I feel so alone, with no one by my side.
Sad and frustrated, Trying to overcome a tide.
What does the world expect from me,
Should I change for them, or let it be?
I am searching for answers,
I am trying to fit in,
Hoping that the world will accept me, for who I am.
I feel like dying, like ending myself,
I feel like on another planet,

Alone and sad and ready to embrace death.
The only way I can escape this world,
Is by closing my eyes, and imagining situations,
That I know will never happen.
Yet I hope, only for one day, just one!
That people will accept me, Without judging me or criticising me.
I just hope, that one day, I will be accepted the way I am.

RADHIKA CHOPRA, class X, Fr. Agnel Multipurpose School, Vashi

LEARNING THROUGH ACTIVITIES



As CBSE has paired Maharashtra with Odisha for *Ek Bharat Shreshth Bharat Abhiyaan*, St. Wilfred's School conducted many activities related to it.

Technology used to conduct the activity: Zoom.

Tribal art is the visual art and material culture of indigenous peoples. Students were asked to draw and colour easy tribal art which helped them to improve their fine motor skills and creativity.

Teacher explained them about the tribal art of Odisha. It was a fun session.

'The Seventh Sun' is the story of tribal tale of Odisha. It was a great story telling activity. Teacher prepared puppets and learning material related to it.

The Seventh Sun is a simple tale from a tribal community of Odisha. It is about a time when there were seven suns in the sky. Were the animals and human beings happy with so many suns?

Students enjoyed the story a lot. They had great fun while listening and learning from the story.

Moral of the story of: Tribal Tale from Odisha — It's important to treat everyone equally and with respect.

Grade - I
Teacher explained them about the tribal art of Odisha. It was a fun session.

Date - 23rd October, 2021

Grade - I
'Jagannath' (Lord of the universe) is a deity worshipped in India and Bangladesh. Jagannath is an abstract representation of Krishna or Vishnu.

Ek Bharat Shreshth Bharat
Topic: Fauna Of Odisha State
Date: 27th October 2021
Day: Wednesday
'Ek Bharat Shreshth Bharat' programme

Saura painting is a style of wall mural paintings associated with the Saura tribals of the state of Odisha in India. These paintings, also called ikons (or ekons) are visually similar to Warli paintings and hold religious significance for the Sauras.

aims to enhance interaction and promote mutual understanding between people of different states and union territories through the concept of state and UT pairing.

Grade V activities at St. Wilfred's School (CBSE), Panvel included study of fauna of Odisha. The activity was conducted in order to help student get well-versed with the distribution of animals native to Odisha.

Students were instructed and guided in drawing the state of Odisha along with pictures of fauna native to Odisha.

Students enjoyed performing art-integrated activity, which helped them learn about a new State in a fun way.
Topic: Saura- Odisha Tribal Art
Date: 17th November 2021
Day: Wednesday

The State pairing initiative has been taken up to make students aware of the similarities and diversities among the two states.

Saura art from Odisha and Warli Painting from Maharashtra are visually similar and both originate from the tribes of the respective states.

Saura Painting is a wall mural paintings associated with the Saura tribals of the Odisha.

Warli paintings were mainly done by the women folk of Maharashtra. The most important aspect of the painting is that it does not depicts mythological characters or images of deities, but depict social life. Pictures of human beings and animals, along with scenes from daily life are created in a loose rhythmic pattern.

World Kindness Day in school

The Primary Section of N. L. Dalmia High School celebrated World Kindness Day to promote the importance of Kindness among all living creatures. The main purpose is to reinforce that it is compassion that links us all together and has immense power of bridging the gap between us. It gave us the opportunity to reflect upon one of the most important and unifying human principles - Compassion. On a day devoted to the positive potential of both large and small acts of kindness, the students of Primary section pulled up their sleeves to shed the light on spreading good deeds. The students committed several act of kindness, including providing food items to the people of their locality. This beautiful act of kindness provided a vision and showcased the importance of love, kindness, and generosity among the students.



POWERFUL PRESENCE

It can be said without doubt that Pepper Potts may not be a super-powered but she sure as heck is a powerhouse of a woman. A woman CEO (albeit fictional but come on) who runs a conglomerate of companies, I will say that is definitely badass. Often in the movies and in pop culture, it is hard to find women in high corporate positions, women who are ambitious and successful when it comes to their careers, women we can look up to.

But, Pepper Potts is someone who inspires me and countless other girls who dream of a life that allows them to be women with successful careers all while maintaining who their femininity. Sure, we haven't had a lot of glimpses of her but, whenever she is in the room, she exudes confidence and demands respect which we have only seen happening with men (not that it is bad, sometimes accurate representation is good.) I hope that all of us get to look up to more confident women like her in the future.

Aarya Bhanushali, class XI,
Thakur College Of Science And Commerce



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NAPOLI CRUSH LAZIO

In perfect tribute to Maradona, team score 4-0 to go clear to top

Dazzling Napoli paid the perfect tribute to Diego Maradona on Sunday by thumping Lazio 4-0 to move three points clear at the top of Serie A. FIFA president Gianni Infantino was among those present in Naples as the southern Italian city honoured one of its adopted sons, who led Napoli to their only two league titles and the 1989 UEFA Cup and died a year ago on Thursday. Fans chanted Maradona's name as a statue, which depicts their idol in full flight atop the number 10, was carried around the pitch. A tribute from Pele was shown on the stadium's big screens, while players came out for their pre-match warm-up to the sound of "Life Is Life" by Opus, the song to which Maradona does keepies in one of the most beloved pieces of footage of the Argentine in his pomp.

Inspired by the emotional ceremony, Napoli took full advantage of AC Milan crashing to a 3-1 home defeat against Sassuolo to go it alone at the summit with an at times electrifying performance. "We put in one of our best performances, now the important thing is to always play like that, because you need to repeat those kinds of displays. The way we played today was perfect," Dries Mertens said, after scoring a superb double.

INSPIRED PERFORMANCE

Wearing shirts bearing Maradona's face, Luciano Spalletti's table toppers came out like a team possessed and blew Lazio away with three fantastic first-half goals. In almost perfect harmony with the occasion it was another adopted Neapolitan in Mertens who led the charge, the Belgian nicknamed 'Ciro' scoring a brilliant brace of which Maradona himself would have

been proud.

Piotr Zielinski got the ball rolling in the seventh minute by almost ripping a hole in the net with his rocket opener, and just three minutes later Mertens took the roof off the Stadio Diego Armando Maradona when he ended a brilliant move by dumping Patric on the deck with a feint and slotting home a cool finish.

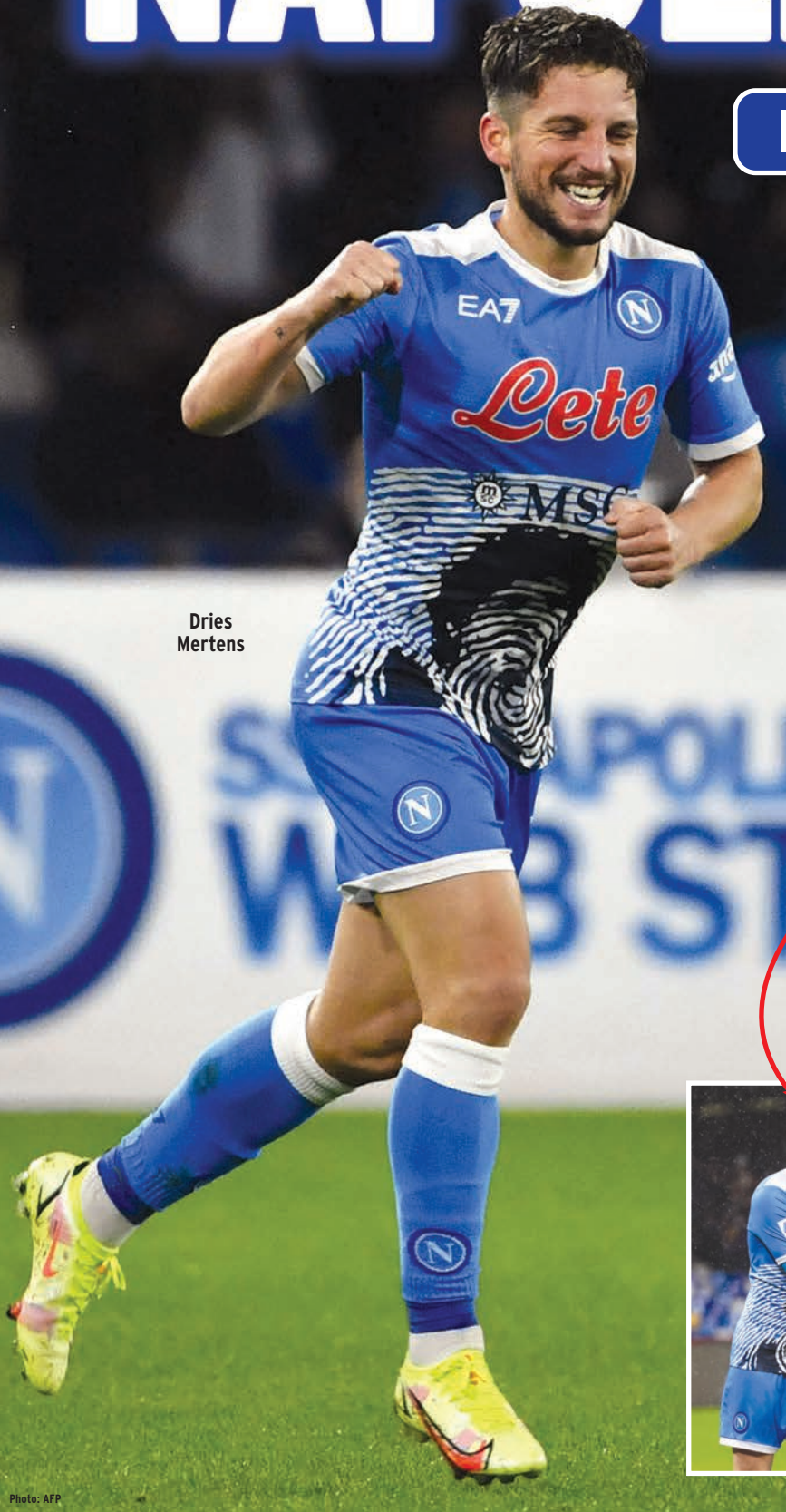
After Luis Alberto and then Francesco Acerbi went close for Lazio in the space of a minute, Mertens effectively sealed the win with more than an hour to play with another wonderful goal, clipping a first-time strike that sailed over a despairing Pepe Reina and increased his club-record goal tally to 139.

Fabian Ruiz then capped a perfect night when he lashed home the fourth from distance. The 34-year-old's three class strikes in his last two Serie A matches will also give Spalletti hope that he can get by without star striker Victor Os-

imhen, out for up to three months with facial fractures. "These are goals which give me a great deal of satisfaction ... Victor gets injured and that's the moment when you need to be ready," added Mertens.

Sassuolo emerged worthy winners at the San Siro earlier on Sunday after recovering from Alessio Romagnoli's 21st-minute header through a superb Gianluca Scamacca strike, Simon Kjær's own goal and a solo effort from Domenico Berardi.

Milan also finished with 10 men after Romagnoli completed a miserable afternoon by being shown a straight red card for taking out Gregoire Defrel. Their first home league defeat of the season after last weekend's 4-3 loss at Fiorentina meant that city rivals Inter Milan are now only a point behind them in third, with Atalanta a further three back after beating Juventus in Turin on Sunday. **AFP**



Dries Mertens



Photo: AFP

VINIcius STUNNER LIFTS REAL MADRID

Vinicius Junior scored a scintillating 87th-minute winner as Real Madrid came from behind to defeat Sevilla 2-1 and move four points clear at the top of La Liga.

The 21-year-old Vinicius has been a revelation this season and proved the difference again at the Santiago Bernabeu, where he went off to a standing ovation after securing Madrid their sixth consecutive victory. "He's extraordinary," said Madrid coach Carlo Ancelotti. "He's a player with something special in his feet."

His goal, a stunning strike into the top corner after a surging run in off the left, ensured Sevilla took nothing from a game they had dominated for most of the first half.

Rafa Mir headed them in front early on but the game turned on an error from goalkeeper Bono, who gifted Karim Benzema his 19th goal of the season, the night before the 33-year-old hopes to win the Ballon d'Or.

Victory sends Madrid four points clear of Real



Photo: AP

Photo: AFP

Sociedad, who they face at Anoeta next weekend, while Sevilla stay fourth, now five points off the top.

"Maybe a draw would have been a fairer result but I don't think we deserved to lose," said Ancelotti.

Vinicius now has 11 goals in 24 appearances this term and while he was never a guaranteed starter under Zinedine Zidane, the Brazilian has exploded into life under Carlo Ancelotti. This was the kind of decisive moment Madrid hoped they would be getting

from Eden Hazard but with the Belgian still lacking both form and fitness, it seems they now have a ready-made replacement.

"I knew about his individual qualities, his dribbling, in one against ones, his speed, in all that he's very strong," said Ancelotti. "But what surprises everyone now is that ability to score goals, which he didn't have before." **AFP**

RUSSIANS KNOCK OUT HOLDERS SPAIN

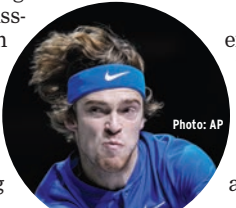
Serbia make quarters of Davis Cup, US eliminated

Russia knocked reigning champion Spain out of the Davis Cup to set up a quarter-final against Sweden. The Russians' tie against the depleted Spanish team came down to a late-night doubles encounter in Madrid.

Aslan Karatsev and world number five Andrey Rublev won 4-6, 6-2, 6-4 against Marcel Granollers and Feliciano Lopez to win Group A and deprive the Spanish team of the chance to play in front of a home crowd in Madrid on Thursday. The Russians, playing under the name of the Russian Tennis Federation because of sanctions against Russian sport for doping, made a bad start to the tie when Lopez beat Rublev 2-6, 6-3, 6-4 in the opening singles rubber.



Aslan Karatsev



Andrey Rublev

US Open champion Daniil Medvedev stepped up to bring the tie level with a 6-2, 7-6 (7/3) win over Pablo Carreno Busta, before the doubles decided the match.

US KNOCKED OUT

US captain Mardy Fish hinted at a lack of passion within his team after the record 32-time champion Americans were eliminated from the Davis Cup Finals by following up a lopsided loss to host Italy with a humbling defeat to Colombia.

BRITAIN, GERMANY ADVANCE

Britain booked their place in the last eight with a come-from-behind victory over the Czech Republic on Sunday and will play Germany in Innsbruck on Tuesday. Germany backed up their shock victory over Novak Djokovic's Serbia by fighting back to edge out hosts Austria and go through as Group F winners.

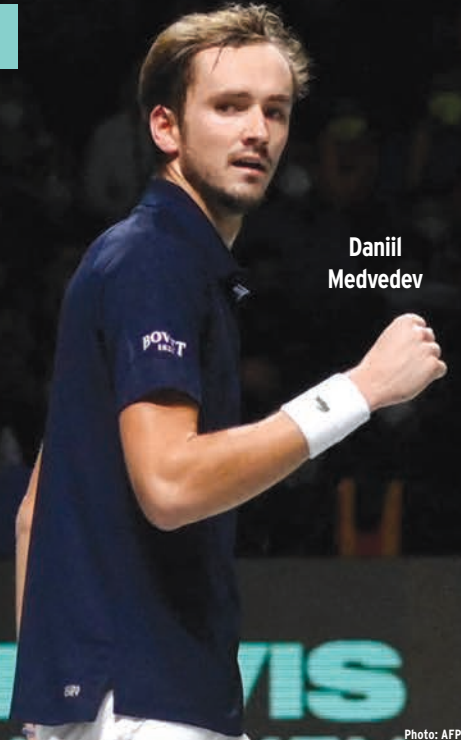
Serbia had to settle for second place but

progressed to a quarter-final against Kazakhstan in Madrid on Wednesday as one of the best runners-up. **AGENCIES**

RAMKUMAR WINS MAIDEN ATP TITLE

Indian tennis player Ramkumar Ramanathan won his maiden Challenger level singles title, 12 years after turning a Pro, when he outplayed Evgeny Karlovskiy in the summit clash of the ATP80 Manama event, at Bahrain.

The 27-year-old Ramkumar, who had lost six Challenger finals in his career before, beat his Russian rival 6-1 6-4 in 68 minutes. The 80 ranking points earned will push Ramkumar back into top-200 and also make him the highest-ranked Indian on the ATP singles ranking chart. He is likely to be ranked 186 and will surpass Prajnesh Gunneswaran (215) and out-of-action Sumit Nagal (219). **PTI**



Daniil Medvedev

Photo: AFP

SATWIK-CHIRAG QUALIFY FOR BWF FINALS

World no 11 duo of Satwiksairaj Rankireddy and Chirag Shetty has become the first Indian men's doubles pair to qualify for the season-ending BWF World Tour Finals starting in Bali on Wednesday.

Satwik and Chirag had finished at the semifinals of the Indonesia Open last week but made the cut after Japanese pairing of Akira Koga and Taichi Saito also lost in the last four at the Super 1000 tournament. The Indian pair thus leapfrogged the Japanese pair in the Road to Bali to book the berth at the year-ending event.

Satwik and Chirag needed to beat World No. 1 pair of Marcus Fernaldi Gideon and Kevin Sukamuljo in the semifinals to make the cut but they ended up losing 16-21 18-21. Akira and Taichi had lost to fellow Japanese duo of Takuro Hoki and Yugo Kobayashi 22-20 21-14 to pave the way for the Indian pair.

Earlier, Lakshya Sen be-



FILE PIC: Satwiksairaj Rankireddy (L) and Chirag Shetty (R)

Photo: AFP

came the youngest Indian to qualify for the USD 1,500,000 tournament, which will also see the participation of Kidambi Srikanth, two-time Olympic medalist P V Sindhu and women's doubles pair of Ashwini Ponnappa and N Sikki Reddy.

Srikanth, Sameer Verma, Sindhu and London bronze-medallist Saina Nehwal have competed in the year-ending tournament in the past. While Sindhu is the only Indian to win the BWF World Tour Finals in 2018, Saina had reached the summit clash of the BWF Superseries Finals in 2011. Srikanth and Sameer have reached the knockout stage but couldn't enter the finals. **PTI**

QUIZ TIME!

Q1: In which of the following sports/ games the term Interference is used?

- Golf
- Chess
- Squash
- Table Tennis

Q2: Which Indian cricketer has in ODIs?

- Kapil Dev
- Sunil Gavaskar
- Sachin Tendulkar
- Virat Kohli

Q3: When was the first women's T20I match hosted in India?

- 1999
- 1994
- 2006
- 2010

Q4: When was the Olympic Flame first introduced in the Winter Olympics?

- 1904
- 1924
- 1936
- 1900

Q5: What is the motto of Olympics?

- Faster, Higher, Stronger
- Together We Stand
- Fast and High
- Do Your Best

Q6: Ole Gunnar Solskjaer was the manager of which club till recently?

- Chelsea
- Manchester United
- Liverpool
- Arsenal



Photo: GETTYIMAGES

Q7: In which sport do players compete for the Uber Cup?

- Racing
- Golf
- Badminton
- Cricket

Q8: Which country is the birthplace of the "Olympic Games"?

- Denmark
- Italy
- Greece
- Germany

Q9: Which sport's competition is known as the "Marsh One-Day Cup"?

- Hockey
- Cricket
- Canoeing
- Fencing

Q10: Which state of India houses the Greenfield International Stadium?

- Andhra Pradesh
- Telangana
- Kerala
- Tamil Nadu

ANSWERS: 1. b. Chess
2. c. Sachin Tendulkar 3. d. 2010
4. c. 1936 5. a. Faster, Higher, Stronger
6. b. Manchester United 7. c. Badminton
8. c. Greece 9. b. Cricket 10. c. Kerala