



THE TIMES OF INDIA

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TODAY'S EDITION

▶ Know how 'Forbidden Fruit' came to be used in popular parlance in 'Wizard's Corner'
PAGE 2



▶ Singer Shreya Ghoshal's hard work and determination has not only made her a household name but also a role model for many
PAGE 3



▶ Wolves boost European hopes with win over Leicester
PAGE 4



STUDENT EDITION

TUESDAY, FEBRUARY 22, 2022

TIME
NIE
Newspaper in Education

Quote unquote



Digital connectivity has kept our education system alive in this time of a global pandemic. We are witnessing how the digital divide is rapidly shrinking in India. Innovation is ensuring our inclusion. Be it e-Vidya, One Class One Channel, Digital Labs, Digital University—such educational infrastructure is going to help the youth a lot. In fact, it is an attempt to provide better solutions for education to all—villages, poor, dalit, backward, tribal, etc. The National Digital University is an unprecedented step. I call upon the education ministry, UGC and AICTE, and all the stakeholders of the Digital University to work with speed on the project.

Narendra Modi, PM, addressing a webinar on fostering strong industry-skill linkage

FACTOID



OTHER SIGNS OF AN ANCIENT TREE INCLUDE:
 ■ Crown that is reduced in size and height
 ■ Large girth in comparison to other trees of the same species
 ■ Hollow trunk
 SOURCE: WILDLIFE TRUST



ALCARAZ Makes history; becomes youngest ATP 500 titlist

Spanish teenager Carlos Alcaraz made history, becoming the youngest ATP 500 titlist (title holder) since the category was created in 2009, defeating third-seeded Diego Schwartzman of Argentina 6-4, 6-2 on Monday. Interestingly, Alcaraz had won his first ATP Tour match as a 16-year-old at the Rio Open two years back. It is the second tour-level title in the teenager's career, following his breakthrough in Umag last year. When the Spaniard stunned countryman Albert Ramos-Vinolas in Rio two years ago, he was No 406 in the ATP Rankings but with the title triumph, the teen is expected to move into the ATP top-20 for the first time.

Alcaraz overwhelmed the world No 14 Schwartzman with his power and gritty play, winning 12 of the final 16 games. He also converted five of his six breakpoints in the match

A trip from Earth to Mars in just 45 days!

Yes, you read it right. If the latest report is to go by, Canadian engineers have developed a laser-based system that could send humans to the Red Planet in just 45 days. According to NASA's estimates, it would take about 500 days for humans to reach Mars at current speeds...



THE DEVICE

1 A laser-thermal propulsion system, where lasers are used to heat hydrogen fuel, the spacecraft is driven by directed-energy propulsion, using large lasers fired from the Earth to deliver power to photovoltaic arrays (multiple solar panels electrically wired together) on a spacecraft that generate electricity, and in turn, provide thrust. In other words, the thrust on spacecraft built on this method would require large lasers fired from the Earth to deliver power to "photovoltaic arrays on a spacecraft." In turn, this would generate electricity

2 According to a report in the Daily Mail, the process would make the spacecraft accelerate

If successful, it will be a major breakthrough, as by reducing time in space, astronauts would face lower levels of radiation, which could make a trip to Mars and back considerably safer

very quickly while near the Earth, racing towards Mars over the next month, and then release the main vehicle to land on the Red Planet. Interestingly, it would then return the rest of the vehicle to Earth to be recycled for the next launch

3 The hypothetical spacecraft that the team created would require a 32ft diameter and 100 megawatt array of lasers

WHAT IS DIRECTED-ENERGY PROPULSION

► It is a project that aims to use lasers to send tiny lightsail probes to the nearest star system, Proxima Centauri, at relativistic speeds

► The system uses laser beams to propel a spacecraft into deep space at relativistic speeds – a fraction of the speed of light

► The more powerful the laser, the faster the spacecraft can be accelerated

The US space agency is planning to send a crew to the Red Planet in the middle of the 2030s. Around the same time, China also plans to land humans on Mars



SC agrees to hear plea against physical exams for class X, XII CBSE & other Boards



Education

The Supreme Court on Monday agreed to hear a plea seeking urgent listing of a petition seeking cancellation of physical exams for class X and XII scheduled to be conducted by all the state boards, CBSE, ICSE, and NIOS. The plea urged the top court to issue directions to concerned authorities to pass a notification regarding alternate mode of assessment of students from class X, XI, XII of CBSE, ICSE, NIOS and state boards, instead of offline exams. The plea also urged the Court to pass direction to conduct an improvement exam for those who are not satisfied with internal assessment, and further direction to constitute a committee to decide the formula of assessment of students, including compartment students and declare the result within a time limit and deadline.

Beware! Smartphones may reveal your identity, breaching privacy

The time a person spends on different smartphone apps is enough to identify them from a larger group in more than one in three cases, say researchers, who warn of the implications for security and privacy. Researchers from the Universities of Lancaster and Bath analysed smartphone data from 780 people and warned that software granted access to a smartphone's standard activity logging could render a reasonable prediction about a user's identity even when they were logged-out of their account. An identification is possible with no monitoring of conversations or behaviours within apps themselves.



It is important to acknowledge that app usage data alone, which is often collected by a smartphone automatically, can potentially reveal a person's identity, warned researchers

73,000

That's the number of tree species our planet could have, estimates a new study. A new first-of-its-kind study, it also claims that some 9,200 that are yet to be discovered. Most of these undiscovered species are likely to be rare, in very low numbers and at threat from human-driven changes in land use and climate, researchers said. South America contains about 43 per cent of the world's tree species and the highest number of rare ones.

DID YOU KNOW? HOW A TREE IS TREATED AS ANCIENT?

There are several categories for different trees based on their importance and age. The most esteemed is 'ancient trees', which relies on three things. This include: ■ In the third or final stage of its life (this stage can go on for decades or centuries) ■ Old relative to others of the same species ■ Interesting biological, aesthetically or culturally because of its great age

'FLIPFLOPI' SET FOR VOYAGE TO MAP IMPACT OF PLASTIC POLLUTION



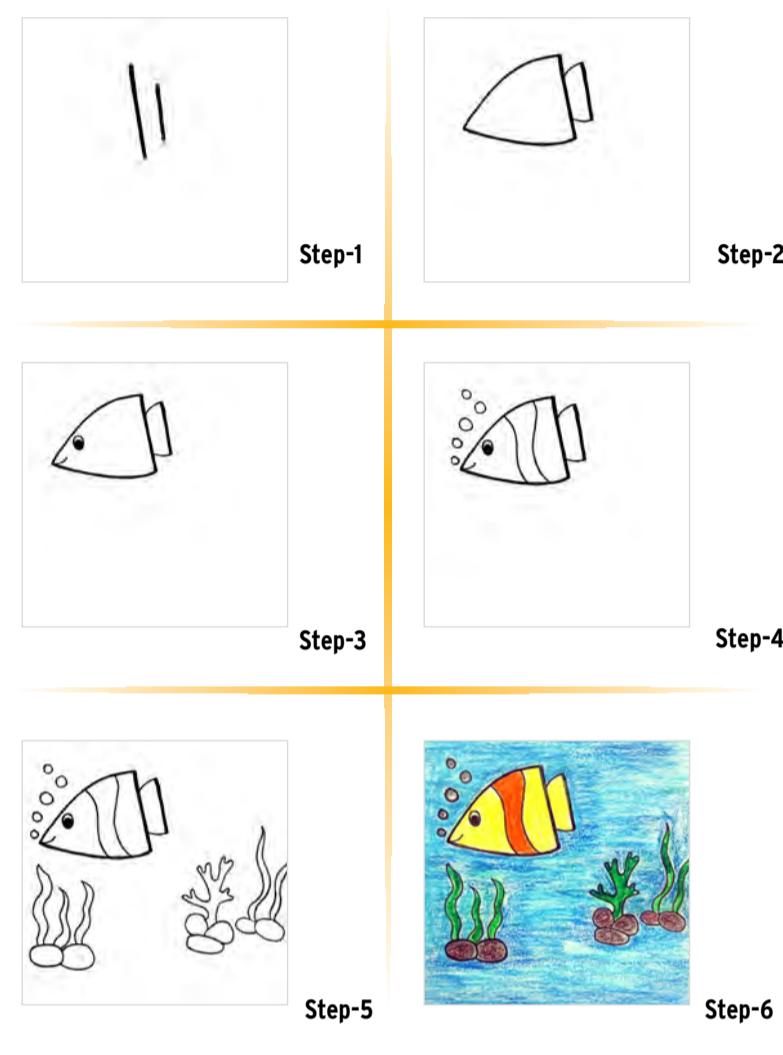
The creators of the world's first sailing dhow made entirely from discarded plastic, the 'Flipflop', on Monday announced partnering with members of the international scientific community to undertake an expedition to map the impact of marine litter in the Lamu archipelago of the Western Indian Ocean. By assessing the full extent of marine plastics on this environment, they hope to support local communities to find solutions to manage this waste through the creation of closed-loop waste management systems where items can be recycled after use and later made into new products. This includes development of a plastic boat building industry. During the two-week expedition, the Flipflop team and partners will conduct scientific research to map the extent of macroplastics, microplastics and microfibres in the ocean and on the shorelines (beaches and mangrove forests) of around 300 kilometres of Kenyan coastline.



JIGNA KISHOR
Art Educator
St Kabir School,
Drive-in
(Ahmedabad)

LEVEL-1

Draw the easy way



ANSWER'S JUMBLE TUMBLE

NGSNIDATREDNU
a. Understanding b. Underrated
c. Rustic d. Relevance

2) EIEGNFL
a. Forget b. Forensic
c. Friction d. Feelings

3) CEUTTLE
a. Ladder b. Lettuce
c. Leisure d. Rest

4) NEORTM
a. Marriage b. Mistake
c. Mould d. Mentor

Answers: 1) a. 2) b. 3) c. 4) d.

Riding with the Riddle

I am a species native to India and Myanmar. My leaves are spirally arranged, and I have bright flowers in different colours that attract bees, insects and nectar-feeding birds. My ripe seed capsules explode when touched. I am used in traditional medicine to treat warts, burns and other skin afflictions, snakebites, rheumatism, constipation and gastritis. I am used extensively in worship in Indian homes.

Answer: Gardener's palm

FUN IN THE SUN

- SURYAKUMARI DENNISON**, teacher, Aavishkar Academy, Bengaluru
- 3** The jungle on Venus
is not the colour of
A. Ash B. Ink
C. Leather D. Rubber

- 4** Not mentioned in the
story is

- A. Avalanche B. Hurricane
C. Tornado D. Whirlwind

- 5** Most of the chil-
dren last
saw the sun
when they were

- A. 2 B. 4
C. 6 D. 8

- 6** A colour not asso-
ciated with Margot
is

- A. Blue B. Purple
C. Red D. Yellow

Quiz TIME



Complete these state-
ments on Ray Douglas
Bradbury's 'All Summer
in a Day' (from
'Treasure Trove').
Choose correctly!

- 1** Margot once
lived in
A. Iowa B. Ohio
C. Oregon D. Indiana
- 2** The sun is not com-
pared to a
A. Flower B. Lemon
C. Penny D. Wheel

Answers: 1) B, Ohio 2) D, Whirlwind 3) C, Leaflet
4) D, Whirlwind 5) A, 2 6) B, Purple

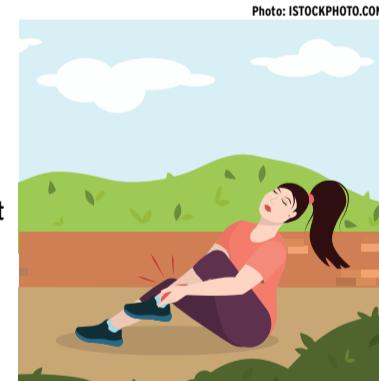
Idiom -etrics

SURYAKUMARI DENNISON, teacher, Aavishkar Academy, Bengaluru

(Choose the idiom that best suits the situation)

Sarala had trained long and hard for a prestigious dance competition that was held only once in three years. She was a gifted performer and everyone was sure that she would rank first. On the day of the show, Sarala sprained her ankle and could not take part. Her well-wishers repeatedly assured that she would certainly win next time, but their kind words did not alleviate Sarala's disappointment.

- A. Cold blood B. Cold comfort
C. Cold shoulder



TRIVIA

According to the Bible, Adam and Eve (the first human beings) were permitted by God to enjoy all the fruits in the Garden of Eden, except the fruit of one tree. The serpent persuaded Eve to eat the banned fruit and she also gave it to Adam. For their disobedience they were banished from Eden. 'Forbidden fruit', which means something attractive and illicit, was first used idiomatically in the 1600s.



MATH MAGIC

NUMBER SERIES

1 Laxman needs to cover 6 km in 45 minutes. On the off chance that he covers one portion of the separation in $\frac{2}{3}$ rd time, what ought to be his rate to cover the remaining separation in the remaining time?

- A) 12 km/hr B) 16 km/hr
C) 8 km/hr D) 6 km/hr

Answer: A

2 A man on visit ventures initial 160 km at 64 km/hr and the following 160 km at 80 km/hr. The normal rate for the entire excursion is:

- A) 35.55 km/hr B) 71.11 km/hr
C) 36 km/hr D) 72 km/hr

Answer: B

3 A train voyaged separations of 10 km, 20 km and 30 km at rates of 50 km/hr, 60 km/hr and 90 km/hr separately. The normal rate of the train was

- A) 60 km/hr B) 66.67 km/hr
C) 69.23 km/hr D) 65 km/hr

Answer: C



WEAVE A STORY WITH PICTURES

Observe these images below carefully, then weave a story around them in not more than 150 words and give it a title. Ensure, reference of all images is there in the story. Mail the story to us at toinie175@gmail.com. The interesting one will be published in the edition. Watch this space!!!

TELL TALE

And the winner is...
JYOTHI SARANYA KALAGARA
Class VIII, Silver Oaks International School, Hyderabad

KINDNESS IS THE WAY TO LIVE

Sara, a software engineer, on her way back from office, ended up hurting a dog. She took it home and gave first aid. However, she then realised that there might be many other such animals and that she needs to do something for them. So, she started an adoption programme for the stray dogs and cats. She got the pets ready and came up with creative ways for pet parents to get attracted to the pets. One such idea was hanging a board on the animal saying "Adopt me". Another idea was a rose in the animal's mouth in such a way that he/she gave the flower to people. To Sara's surprise, many came forward and adopted the animals. This gave her the satisfaction and extreme happiness of helping a life. She understood that kindness is the way to live!

Work sheet

- Q:1** How will you say, 'Thank You'?
Q:2 How will you say, "You are welcome".
Q:3 How will you wish in the afternoon?
Q:4 How will you say, 'Good night'?

Answers: 1) Grazie 2) Prego 3) Buona sera 4) Buona notte

Learn a NEW LANGUAGE

ITALIAN

- 1) Per favore - Pehr fah-voh-reh

Meaning: Please

- 2) Grazie - Grah-tsee-eh

Meaning: Thank you

- 3) Prego - Preh-goh

Meaning: You're welcome

- 4) Buona sera - Bwohn-nah-seh-rah

Meaning: Good afternoon (formal)

- 5) Buona notte - Bwohn-nah-

noh-the

Meaning: Good night (formal)