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Japanese supercomputer is crowned **WORLD'S SPEEDIEST**

supercomputer developed by Japan's state-backed Riken research institute has emerged as THE WORLD'S FASTEST FOR COMPUTING SPEED, according to a twice-yearly ranking by the US-European TOP500 project. It is the first time in nine years that a Japanese supercomputer has captured the top position. The supercomputer, named Fugaku, after Mt Fuji, also took the top spot in three other categories that measured performance in computational methods for industrial use, artificial intelligence applications and big data analytics.

The Japanese supercomputer, jointly developed with Fujitsu Ltd, forms a key foundation for powerful simulations used in scientific research and the development of industrial and military technologies. Another supercomputer developed by the US ranked No 3, while China held both the fourth and fifth spots. ■ Currently being operated on a trial basis for research on potential medicines to fight corona, Fugaku is expected to be fully operational in April 2021.



A supercomputer is a computer with a high level of performance as compared to a general-purpose computer. The performance of a supercomputer is commonly measured in floating-point operations per second (FLOPS) instead of million instructions per second (MIPS)

Pluto has a vast ocean beneath its frozen crust!

latest study has revealed that Pluto harbours a vast ocean beneath its frozen crust, which has been there for 4.5 billion years-500 million years, longer than Earth's seas According to scientists, though Pluto is known today as a ball of frozen ice and rock orbiting the sun at a distance of 3.7 billion miles, it may have been hot when it first formed, allowing liquid water to form on its surface, and potentially provided the conditions needed to support alien life. The new study differs from the traditional view that Pluto originated as a ball of frozen ice and rock, which gradually melted enough to form a subsurface ocean, due to heat released by the decay of radioactive elements in the rock.

its interior to pictures of its surface taken by NASA's New Horizons' spacecraft. > They identified ridges and troughs more from movements inside its shell caused by water expanding, when it freezes. > The study suggests other planets and dwarf planets in the Kuiper Belt – like Haumea and

> The scientists compared thermal model simulations of the evolution of

than a mile deep on the dwarf planet, suggesting stresses Make- may have also once been warm, and capable of harbouring alien life.

NOBEL LAUREATE AMARTYA SEN WINS 2020 PEACE PRIZE OF THE GERMAN **BOOK TRADE**

CONQUERED THE WORLD!

Tes, it was the day when Indian

future. The venue was Lord's, the Mecca of

cricket, where a packed house witnessed

one of sport's biggest upsets— West Indies re set for a third straight title. Clive Llyod's

side had superstars, who, on their day,

ndies were bowled out for

winning streak

was broken.

pions! Kapil's

Cricket had its

new world cham-

Devils won it in style

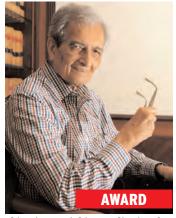
140. Their World Cup-

could just blow away the challenge of

chasing 184. But it wasn't their day. West

cricket came of age; a match that

changed the course of the game's



obel laureate 🔪 mist Amartya Sen has won the prestigious Peace Prize of the German Book Trade for his decades-long work on "questions of global justice". Börsenverein, the German Publishers and Booksellers Association, chose the 86year-old economist and philosopher as the recipient of the body's 2020 Peace Prize for his pioneering work addressing issues of global justice, social inequality in education and healthcare.

AND

THE SUN

KAZUO

KAZUO ISHIGURO TO COME OUT WITH KLARA

NEW NOVEL 'KLARA AND THE SUN' NEXT YEAR

obel Prize-winning author Kazuo Ishiguro is all set to come out with his new novel, 'Klara and the Sun', next March. The book is the story of Klara, an

"Artificial Friend" with "outstanding observational qualities", who watches browsers from her place in a shop, hopeful that one will eventually choose her.



This is the first novel by Ishiguro since he was awarded the Nobel Prize in Literature, and will be published by Faber & Faber in the UK, Alfred A Knopf in the US and Knopf in Canada on March 2, 2021.

THE STONEHENGE MYSTERY UNRAVELS: Scientists find huge ring of ancient shafts near the monument UNRAVELLED

rchaeologists have discovered a major pre-historic monument under the earth near Stonehenge that could shed new light on the origins of the mystical stone circle in southwestern England. Experts say the site consists of



at least 20 huge shafts, more than 32-feet in diameter and 16-feet-deep, forming a circle more than 2-kilometres in diameter. The new find is at Durrington Walls, the site of a Neolithic village about 2 kilometres from Stonehenge. Researchers say the shafts appear to have been dug around 4,500 years ago, and could mark the boundary of a sacred area around a circular monument, known as the Durrington Walls henge.

>Stonehenge, a huge monument built between 3,000 B C and 1,600 B C, is one of Britain's most popular tourist attractions. It's also a spiritual home for thousands of druids and mystics, who visit at the summer and winter solstices

AFTER OSCARS, GOLDEN GLOBES **DELAYED TO FEBRUARY 2021**

The Golden Globes is refusing to let the pandemic get in the way of its party. The ceremony will now be held on February 28, 2021, in Beverly Hills, with previously announced hosts- Tina Fey and Amy Poehler, the Hollywood Foreign Press Association said. The date, as with that of



other awards, had been delayed amid the coronavirus disruption. The Golden Globe Awards recognise excellence in film, both American and International, and American television

TWITTER LAUNCHES 'PROMPT' TO HELP PEOPLE COMBAT DOMESTIC VIOLENCE

witter has launched a dedicated search 'prompt' for Indian users that will direct people looking for domestic violence-related keywords towards relevant information from the ministry of women and child development and national commission for women. The search prompt will be available on iOS, Android and on mobile in English and Hindi languages.

"Every time someone (in India) searches for certain keywords associated with the issue of domestic violence, a prompt will direct them to the relevant information and sources of help available on Twitter," the company said



■ This is an expansion of Twitter's #ThereIsHelp prompt, which was specifically put in place for the public to find clear, credible information on critical issues

■ Some of these terms, include crime against women, domestic violence, dowry, dowry death, gender violence, gender-based violence, lockdown violence, marital rape and POSH (prevention of sexual harassment)

WORLD IN A 'NEW AND DANGEROUS PHASE' OF PANDEMIC: WHO

he World Health Organisation has warned of a "new and dan-gerous phase" of the coronavirus pandemic, with people tiring of lockdowns, despite the disease's accelerating spread. The warning came as it emerged that the virus was present in Italy in December, months before its first confirmed cases, about the same time when the disease was first reported in China.



■ The virus, which has now killed more than 454,000 people and infected 8.4 million people worldwide, is surging in the Americas and parts of Asia, even as Europe starts to ease restrictive measures■ Lockdowns have caused economic damage, but the WHO said the pandemic still posed a major threat

STUDENT EDITION

THURSDAY, JUNE 25, 2020



WEB EDITION

QUOTE UNQUOTE

Immigration has contributed immensely to America's economic success,



making it a global leader in tech, and also Google, the company, it is today. I am disappointed by the proclamation. We'll continue to stand with immigrants, and work to expand opportunity for all Sundar Pichai, Google CEO, on the suspension of visas, by the Trump administration

FUN GAMES FOR VIRTUAL PARTY



It doesn't get any easier than Bingo. You can use a website like, My Free Bingo Cards to play a traditional game with a virtual caller, or you can play a custom Bingo game that revolves around a movie or TV show

SCATTERGORIES

Scattergories is a fun game to play with Zoomers of all ages. To play, head to this free game generator and send each person a link to the game. The rules are simple: there is one letter and five categories (things like "school supplies." "book title," and "girl's name"). You have 60 seconds to come up with a word that fits in each category and start with the chosen letter. The more unique your answer is compared to your friends' answers, the more points you get.

NAME, PLACE, ANIMAL

This popular game works well on virtual platforms. To play, pick a letter. Each player has to list a famous person's name, a place, an animal, and a thing that begins with that letter. The first person to type them into the chatbox wins.

PSYCH

To play, participants make up fake answers to real trivia questions; one player must choose the real answer among the fakes. There's even an "And the Truth Comes Out" deck that allows you to do the same thing with personal questions about each other.

REMARKABLE MOVIES SET IN A SINGLE LOCATION

With the coronavirus pandemic halting the shooting of films that are dependent on outdoor shoots, here are some movies that were shot in a single location. These films demonstrate how filmmakers can think outside the box, an experiment that can be tried in these lockdown times...

The location: A plane's cockpit

THE PROBLEM: When terrorists hijack a Berlin-to-Paris flight, it's up to a young American co-pilot, Tobias (Joseph Gordon-Levitt), to direct the aircraft to safety, and in the process, make some distressing splitsecond decisions.

THE RESULTS: For his debut feature, director Patrick Vollrath creates a close-quarters nailbiter that keeps you exactly where he wants you: in the pilot's seat.

To experience the film from Tobias' point of view, Vollrath makes clever use of a surveillance monitor in the locked cockpit. The screen displays impersonal glimpses of passengers as the flight attendants pass through the service curtain. Hostages held in the cabin are also only visible on the screen.

(Where to watch: Stream on Amazon Prime Video)

The location: 600 km above Earth

THE PROBLEM: A medical engineer, Dr Ryan Stone (Sandra Bullock) is faced with finding a way back to Earth, after her space shuttle is damaged by debris from a destroyed satellite.

THE RESULTS: This 2013 science-fiction drama is so utterly immersive that it makes you feel like Stone. We are centered in the action, even pulled

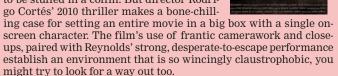
inside her astronaut's helmet; we can sense the panic of free-falling into an ocean of emptiness alone. Rather than relying on flashbacks to illustrate her back story, the screenwriters, Alfonso Cuarón (who also directed) and his son Jonás reveal Stone's grief through her achingly tragic soliloquy, delivered in space as she floats against a backdrop of

(Where to watch: Rent on YouTube, Amazon Prime Video, iTunes and other platforms)

The location: A wooden coffin THE PROBLEM: An Iraq-based American

civilian truck driver, Paul Conroy (Ryan Reynolds), is buried alive. His air supply is diminishing, and he has nothing but a few tools to help him escape.

THE RESULTS: Ninety-five minutes is a long time to be stuffed in a coffin. But director Rodrigo Cortés' 2010 thriller makes a bone-chill-



(Where to watch: Rent on YouTube, Amazon Prime Video, iTunes and other platforms)

owledge: nowledge it will really

FUN-ZONE



Have you tried the MCQ section of www.toistudent.com yet? Log in now for



QUIZ





JUMBLED WORDS...

Find out who tops the chart every day! It could be YOU!!!!

FROM THE COUNSELOR'S DESK

How much is too much

By SMITA GHOSH. counselor. ANAND NIKETAN. **Ahmedabad**



3. KEEP CALM Parents: Don't get shocked or

1. 'LET'S TALK' - STAY Parents: You think 'Let's Talk' is a natural way to begin a conversation. cult for you; this isn't easy for you? Teens: Alarm bell goes off in their

4. FOLLOWING YOU-I-WE end of the conversation before it be-**Solution:** Spend some non-demand-

ing time with them like reading a The family should have You-I-We approach to avoid any sort of conflicts:

➤ I share my views (Even if you don't

> WE solve this out together

Parents: Throughout the day we are only 'Telling' (preaching) our teens. Teens: When you tell them to do something they will usually 'Push Back'. **Solution:** Instead of 'you need to study' ask 'how is preparation for your ex-

brains and shutters come down. The

book in their room or working in the

kitchen with your child before you

begin the conversation.

2. STOP PREACHING

AWAY

Instead of telling, ask them in a calm and curious way.

react and show your anxiety. **Teens:** They will think twice thrice before telling you anything. Solution: What your teen needs is for you to empathise, empathise with your heart. When you empathise, they will not feel shamed or judged and they might open to you. Try: I can understand 'This is diffi-

APPROACH

➤ I Listen to YOU (Even if I don't

5. LEARN TO SAY SORRY

As parents, we can make mistakes, especially with teens. Simply apologise and say 'I am sorry for messing up. What can I do to make it better? Believe it teens are far more forgiving when you are upfront with them.

Swara Sathe, class VII, Gitanjali

Devashray, Hyderabad

DOGS

KNOWLEDGE BANK

Teacup Poodles

Known for their intelligence, energy, and sweet personality, Teacup Poodles make amazing family dogs.

They usually weigh between two and four pounds, and measure eight inches or shorter when fully grown. Their standardsized counterparts typically weigh between 45 and 70 pounds. Their small size makes it difficult for teacup dogs to effectively regulate their body temperature.



CONCEPT OF THE DAY

GET OVER IT

Meaning: To move beyond something that is bothering you.

Quiz time CURRENT AFFAIRS

Q.1) Which state government organised KHON Ramlila?

A. UP B. Punjab C. Delhi D. Tamil Nadu

Q.2) 'Shinyuu Maitri' is a joint military exercise between which countries?

A. India-Nepal B. India-Japan C. India-China D. India-Korea

Q.3) To boost digital payments in India, which player along with Master Card

has launched 'Team Cashless India'? A. Sachin Tendulkar B. Virat Kohli

C. Rohit Sharma D. M S Dhoni Q.4) Ayushman Bharat Pradhan Mantri Jan Arogva Yoiana (PM-JAY), has

crossed which of the following milestones?

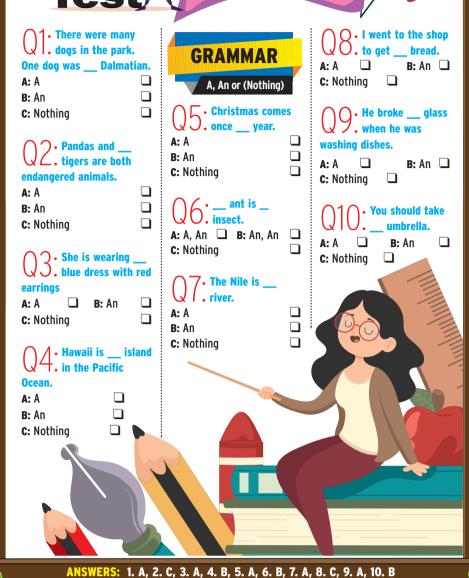
A. 50 lakh mark

B. 30 lakh mark

C. 44 lakh mark D. 100 lakh mark

ANSWERS

1. A) UP 2. B) India-Japan 3. D) M S Dhoni 4. A) 50 lakh mark



ANSWERS: 1. A, 2. C, 3. A, 4. B, 5. A, 6. B, 7. A, 8. C, 9. A, 10. B



WORD WISE

immaculate: (adj) free from spot or stain; spotlessly clean. Free from moral blemish or impurity; pure; undefiled. Free from fault or flaw: free from errors.

Synonymous words: flawless, impeccable, neat, spotless, clean, errorless, faultless, pure, spruce, trim, unsoiled, etc

Examples: ■ The bride was looking like a dream coming down the church aisle dressed in immaculate white.

■ The farmhouse set in the midst of the immaculate garden looked splendid.

■ Sarah's house was immaculate with not a single speck of dust

COMMON GRAMMATICAL



HEALTHFUL/HEALTHY

THE RULES:

"Healthful" describes something that will create good health.

"Healthy" describes someone fit, etc.

HOW NOT TO DO IT:

Choosing the most healthy foods for your family is no easy task.

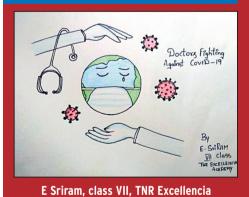
HOW TO DO IT PROPERLY:

Choosing the most **healthful** foods for your family is no easy task.

Healthy forests are built to withstand severe

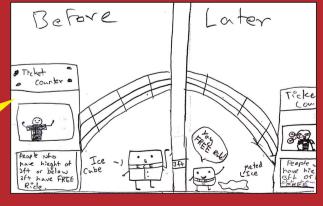
natural disturbances.

Painters' Gallery



Academy, Hyderabad

Yuktha, class V, **Blossoms** International School Of Excellence, Hyderabad



The man of the family Who keeps us happy, at all times. The hero, whose presence Is my shield, that keeps me safe and gives me strength.

corrects my mistakes. The gentleman, who makes the house,

And everything in the house, a play thing.

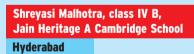
The person, who gives me responsibilities and

My first love, my hero and my king, Supports me, when my mom scolds, Is an all-knowing man of my mischiefs, Can make me feel like a princess. I mirror his smile and his face. And that he, is my dad! Love you dad! HAPPY FATHER'S DAY!

Nellore Dharshita, class XII A, Bharatiya Vidya Bhavan's Public School, Hyderabad

SCHOOL IS COOL





ather's Day is the best time to say thank you to fathers for all their love, support and sacrifice. Students of class IV celebrated Father's Day on June 22. Ananya Shukla and Umika recited beautiful poems to thank them for being there every time a child needs them. Vallabha turned out to be a great virtual anchor by taking the lead with full confidence and zeal. Anurag, Nathan and Umika prepared posters and expressed their love through them. of Shaanyu, attended the event and ap-Each letter of the word FATHER was highlighted through a collage by Aadit, Ananya Srivastava, Jairaj, A Siri, Shaanyu and Shreyasi. Prashant, father



preciated the students for their efforts. Mona Mehdi, principal, and Mahesh, senior coordinator lauded the students with their kind words.

Vidyanjali **Grammar School** LB Nagar,

Hyderabad

he lockdown that came in the wake of the Covid-19 pandemic was 'sort of a blessing in disguise' for chil-



21. Various activities like 'JAM session',

FATHER'S DAY CELEBRATIONS 'Recipe presentation', where child presented special dishes to their dad, were held. Children also prepared and presented beautiful cards to their fathers, expressing their love. Fathers also ac-

tively participated in the event and appreciated the children for

their efforts. Children clicked pictures with their fathers and enjoyed some Vidyanjali Grammar School virtu- fun games with them. The celebration ally celebrated Father's Day live on June concluded with a message that the more the parents talk and listen to their chil-'How well do you know your child', dren, the happier the family will be.

No lockdown on the spirit of celebrations

Mother of Aditya & Adira, class VIII, Pallavi **Model School** Alwal, Hyderabad



have been a part of a Lunique celebration, virtual decennial year and e-investiture ceremony of Pallavi Model School, Alwal. Professor Valli Manickam,

Dean, ASCI, graced the virtual event as the chief guest for the Founder's Day and inspired us in her own way to focus on ecosystem services.

came up with the idea of e-canvasing and e-elections. The virtual investiture ceremony was presided over by Colonel Lokesh Kumar, SM**. He left the children captivated with a PPT with videos of Avengers, which were both interesting and informative. The highlight of the event

was when students were invested by their parents at the instructions of Sports HOD Anand and demonstration by Kiran, faculty member.

Chairman Komaraiah emphasised that basic education is provided in the school with a motto of all-round development of children. "The Palla- drive.

rfeel delighted as a parent to vians not only preach but practice as well," he added. As a parent I can proudly

say that today if Aditya, my son, is able to pursue golf, it's due to the immense support of chairman and principal Sunir Nagi. Similarly, the credit for my daughter Adira being outspoken and fearless goes to the teachers for nurturing her.

All the performances and Students and teachers the collective efforts of the emcees and teachers under the guidance of the principal were incredible. Student RJs Sukhjeet and Palash, were a bundle of energy. T Sudha, academic director, who was of full of positivity, inspired the children with her words. The biggest lesson for the day was the 10 principles of our Vedas. Unveiling of an e-magazine was a remarkable feat in itself. The 'Alumni Speak' reiterated that our choice to belong to Pallavi Model School was unquestionably the right decision. To mark the decennial year celebration of the school, its stakeholders took up a plantation

a playground



SUHAAS NARLA of class III, TNR Excellencia Academy, Hyderabad, shows us the creative artwork he has made to help make English language easier and fun to learn and reads out the prepositions he has learnt.



HANSIKA of class V, Gitanjali Devashray, Secunderabad, narrates the story of a lazy rabbit who finds a magic wand that turns him into the king of the jungle. But is he fit for the role?



SHREEVERDHANI NIGAM of class V D, Global Edge School, Kukatpally, Hyderabad reads out words of gratitude she has penned for her father and shows us the beautiful card she has illustrated.