



# THE TIMES OF INDIA

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**TODAY'S EDITION**

Take a note of the bands that are named after classic literature

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Students share their weekend plans  
Reviewing your favourite book/movie can be fun

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A look at the journey of the real heroes, who played a vital role in India's win over Oz

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**STUDENT EDITION**

THURSDAY, JANUARY 21, 2021



**WEB EDITION**

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## 1,000 grams

of CARBON DIOXIDE is emitted in an hour during a video call meeting, claims a new study. Switching off your camera during a web call can reduce a person's carbon footprints by 96 per cent, it adds. In other words, it can save up to three gallons of water and an area of land about the size of an iPad Mini. According to researchers, streaming content in standard definition rather than in high definition, while using apps, such as Netflix or Hulu, could also bring an 86 per cent reduction. Reducing data download will also lessen the demand of water and land. The study is believed to be the first to analyse water and land use associated with the internet infrastructure.

For the study, the team estimated the carbon, water and land footprints associated with each gigabyte of data used in YouTube, Zoom, Facebook, Instagram, Twitter, TikTok and 12 other platforms, as well as in online gaming and miscellaneous web surfing. As expected, the researchers found that the more a video is used in an application, the larger are the footprints



**1** In some countries, the internet use has spiked at least 20 per cent since the lockdowns started in March. If that level of demand continues through 2021, it will require a forest twice the size of Indiana in the US, to offset the carbon emissions, warn experts

**2** Besides, if increased usage continues, the additional water needed to process and transmit data could fill more than 300,000 Olympic-size swimming pools, and the land required would be equivalent to the size of Los Angeles, the study added

According to environmentalists, though an ongoing pandemic has seen a noticeable drop in global carbon emissions, because of closing factories and limited traffic, there has been an increase in at-home entertainment and remote working, which has a significant environmental impact, depending on how the internet data is stored and transferred around the world



Moreover, researchers found that OTT platforms like Netflix is one of the biggest contributors to the carbon footprints, using about 11 square inches of land and two

gallons of water per hour and generating more than 440 grams of CO2. It was followed in descending order by Zoom, TikTok, WhatsApp and Facebook

## INTO THE FUTURE

### SAUDI LAUNCHES CITY WITH NO CARS



Crown Prince Mohammed bin Salman has unveiled his latest vision for Saudi Arabia's future beyond oil — a city with no cars, roads or carbon emissions. According to experts, the announcement shows the extent to which Prince Mohammed is thinking about life after oil for the kingdom, which earned over half of the government's revenue from crude in 2020. Addressing his countrymen on the rising sea levels and carbon emissions, the Prince said, "Why should we sacrifice nature for development all the time?" The city, he said, would be a "revolution for the mankind" with "zero cars, zero streets and zero emissions."

The 170-kilometre-long development called 'The Line' will be part of the \$500 billion project called 'Neom'. It will be a walkable belt of hyper-connected future communities without cars and roads and built around nature. The city would have one million residents and create 380,000 jobs by 2030. The infrastructure will cost between \$100 billion and \$200 billion. The city would be built around ultra-high-speed transit and autonomous mobility solutions

## Spotlight

### JEE, NEET syllabus to remain unchanged for 2021



The ministry of education on Tuesday announced that the syllabus of the Joint Entrance Examination (JEE) and the National Eligibility-cum-Entrance Test (NEET) would remain unchanged for 2021. "The syllabus for the JEE Main 2021 will remain the same as the previous year. But students will be given a choice to answer 75 questions, out of the 90 questions," said the education ministry.

The exact pattern for the NEET (Undergraduate) 2021 is yet to be announced. However, it is believed that in view of the reduction of syllabus by some education Boards across the country, the NEET (UG) 2021 question paper would also have options on the lines of the JEE (Main)

## HONOUR

### Netaji Subhas Chandra Bose's birthday to be celebrated as 'Parakram Diwas'



The Centre has decided to celebrate the birthday of Netaji Subhas Chandra Bose as 'Parakram Diwas' every year. Union ministry of culture has announced. In order to honour and remember Netaji's indomitable spirit and selfless service to the nation, the government of India has decided to celebrate his birthday as 'Parakram diwas' to inspire the people of this country, especially the youth, to act with fortitude in the face of adversity as Netaji did, and to infuse in them a spirit of patriotic fervour, the government stated in its release.

### TRUMP BABY BLIMP LANDS AT LONDON MUSEUM

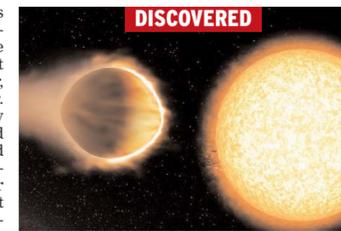
A blimp depicting former US President Donald Trump as a snarling, nappy-wearing orange baby has found a home in one of London's most-popular museums. The helium-filled balloon, originally paid for through crowdfunding, first took to the London skies during the protests against Trump's visit in 2018, and has also flown in to other locations, including France, Argentina, Ireland and Denmark.



The Museum of London said the blimp would join its protest collection, which include artefacts from the Suffragette movement as well as climate change and peace rallies

### A UNIQUE 'SUPER-PUFF' PLANET!

Astronomers have discovered a unique 'super-puff' planet that's as big as Jupiter, but 10 times lighter. According to Daily Mail, the planet, called WASP-107b, is believed to be one of the least-dense exoplanets ever discovered, earning it the nicknames of a 'super-puff' or 'cotton-candy' planet. Researchers say the findings have 'big implications' for what we understand about how giant planets form and grow.



#### WHAT IS WASP-107B?

WASP-107b lies around 212 light years from the Earth in the Virgo constellation. Astronomers believe that the planet is over 16 times closer to its star than the Earth is to the sun

This extremely-low density indicates that the planet must be having a solid core, which could be four times the mass of the Earth

This, according to the researchers, suggest that more than 85 per cent of its mass lies in the thick layer of gas that surrounds its core

Most gas giant planets, such as Jupiter and Saturn, have a solid core, which is at least 10 times more massive than the Earth



### ETHAN HAWKE TO PLAY SUPERVILLAIN IN COMICBOOK ADAPTATION

Hollywood star Ethan Hawke has been roped in as a villain opposite Oscar Isaac in an upcoming superhero series, 'Moon Knight'. With this role in Marvel Studios' series, the actor will be making his debut in the comicbook adaptation and superhero realm, reports hollywoodreporter.com. Hawke will play the lead villain in the series, while Isaac will don the role of the protagonist. The makers plan to start the production of the show in March in Budapest.

'Moon Knight' is the story of Marc Spector, an elite soldier and mercenary, who decides to fight crime, after he becomes the human avatar of Khonshu, the Egyptian god of the moon. The character first appeared in the August 1975 comicbook issue, 'Werewolf by Night #32'



## Rafale, vintage Dakota aircraft to be major attraction of REPUBLIC DAY PARADE



The newly-inducted Rafale and vintage Dakota aircraft will be one of the major attractions during the Republic Day parade at Rajpath in New Delhi on January 26, as they would be part of 42 aircraft taking part in the flypast..

**1** In its first appearance at the Republic Day celebrations, the Rafale fighter jets will do a "vertical charlie" to end the flypast  
**2** Dakota, on the other hand, will be part of the Rudra formation, when the Bangladesh contingent would be marching on the Rajpath. This would be the first time, when the Bangladesh contingent would be marching on Rajpath  
**3** The vintage Dakota aircraft played a crucial role in the liberation of Bangladesh and the formation of Bangladesh Air Force; they were used for air dropping army troops in Bangladesh's Tangail during the 1971 war

### OTHER HIGHLIGHTS

Apart from the Rafale jets, Sukhoi 30s and MiG 29s — the fighter jets that are part of the IAF's muscular posture in the Ladakh sector, would participate in the flypast. The Apache attack helicopter and Chinook strategic heavy lift choppers, which have proved their mettle in the swift mobilisation of troops and logistics during the India-China military standoff, will also be part of the Republic Day celebrations. Further, FLIGHT LIEUTENANT



BHAWANA KANTH, one of the first women fighter pilots in the IAF, will be a part of the Republic Day parade, making her the first woman pilot to take part in the parade. She will be part of the IAF's tableau, showcasing indigenously-developed Light Combat Aircraft Tejas, Light Combat

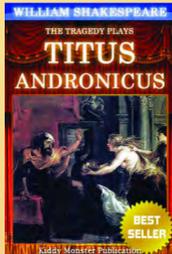
Helicopter Rudra, Rohini radars and BrahMos. In addition to the 42 aircraft, there will be four Army Aviation helicopters taking part in the parade. For the first time since its inception, the Republic Day parade at the historic Rajpath will culmi-

nate at the National Stadium instead of Red Fort; the number of spectators have also been reduced drastically to 25,000. Also, the Republic Day celebration this year is going to be a low key affair, with no chief guest



1. TITUS ANDRONICUS

**SOURCE:** 'Titus Andronicus' by William Shakespeare  
**NEW JERSEY PUNKS** Titus Andronicus take their name from the greatest wordsmith of them all, William Shakespeare. Titus Andronicus is thought to be the famous playwright's first ever tragedy. It is also his bloodiest and most violent work.

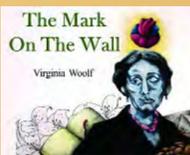


2. THE DOORS

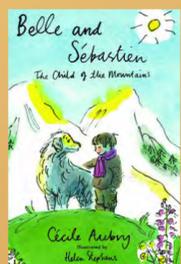
**SOURCE:** 'The Doors of Perception' by Aldous Huxley  
**WHEN THE DOORS** formed in 1965, they decided to name themselves after Aldous Huxley's book detailing the author's experiences with life. The Doors of Perception's title was inspired by a William Blake quotation: "If the doors of perception were cleansed everything would appear to man as it is, infinite."

3. MODEST MOUSE

**SOURCE:** 'The Mark on the Wall' by Virginia Woolf  
**INDIE-ROCK OUTFIT MODEST** Mouse derived their name from a passage in Virginia Woolf's 'The Mark on the Wall,' which reads "I wish I could hit upon a pleasant track of thought, a track indirectly reflecting credit upon myself, for those are the pleasantest thoughts, and very frequent even in the minds of modest, mouse-coloured people, who believe genuinely that they dislike to hear their own praises. I chose the name when I was fifteen," front-man Issac Brock explains in Modest.



4. BELLE AND SEBASTIAN



**SOURCE:** 'Belle et Sébastien' by Cécile Aubry  
**BELLE ET SÉBASTIEN** was a famous French novel about a boy and his dog living in a small French Alps mountain village. It spawned a French live-action television series in the 1960s, a Japanese anime series in the '80s and the name of a popular indie-pop group in the '90s.

5. ESBEN AND THE WITCH

**SOURCE:** 'Esben and the Witch - Danish Fairy Tale'  
**THREE PIECE INDIE-ROCK** band from Brighton, England Esben and the Witch takes its name from the Danish fairy tale about a boy's encounters with a murderous witch. The name is fitting considering the dark tone of the band's music.



6. VERUCA SALT

**SOURCE:** 'Charlie and the Chocolate Factory' by Roald Dahl  
**IN ROALD DAHL'S** classic children's book, Veruca Salt is a spoiled rich girl, whose bratty greed causes her to fall down an incinerator shaft. In 1993, Louise Post and Nina Gordon used the name for their alternative rock band.



7. ORYX AND CRAKE

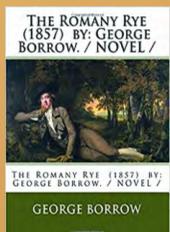
**SOURCE:** 'Oryx and Crake' by Margaret Atwood  
**NAMED AFTER MARGARET** Atwood's post-apocalyptic speculative fiction novel, Atlanta's Oryx and Crake "offer lyrics that are influenced by both real life stories and overly active imaginations, and music that juxtaposes sounds of the past, present and future."

BAND NAMES INSPIRED BY LITERATURE

SOMETIMES MUSICIANS REACH FOR INSPIRATION FROM THEIR BOOKSHELVES. HERE ARE 10 BANDS NAMED AFTER CLASSIC LITERATURE. THE WORKS THAT INSPIRED SEVERAL OF THE ENTRIES ARE PROBABLY OBVIOUS, BUT A FEW OF THEM WILL MOST CERTAINLY SURPRISE YOU...

8. THE ROMANY RYE

**SOURCE:** 'The Romany Rye' by George Borrow  
**GEORGE BORROW'S THE ROMANY RYE** tells the story of a learned young man who is thrown in with a band of Gypsies. Luke MacMaster's was inspired to use the name his folk-rock project after falling in love with the protagonist, who gives up his money for life on the road. The name translates from the Romany language to mean "The Gypsy Gentleman."



9. THE FALL

**SOURCE:** 'The Fall' by Albert Camus  
**CAMUS' PHILOSOPHICAL NOVEL** focuses on themes such as innocence, imprisonment, non-existence, truth and man's fall from grace, as presented by the novel's protagonist Jean-Baptiste Clamence. The Fall bassist Tony Freil came up with the name when the post-punk band formed in 1976.

10. THE BOO RADLEYS

**SOURCE:** 'To Kill A Mockingbird' by Harper Lee  
**ENGLISH ALTERNATIVE-ROCK** band The Boo Radleys named themselves after a character in Harper Lee's only book, the masterpiece 'To Kill A Mockingbird'. In the novel, Boo Radley is a quiet, reclusive character who watches over most of the events of the story from the outside until he is forced to intervene.



WELLNESS

KOREAN skin health trends for 2021

K-beauty has been the talk of the town for the last few years as Korean skincare strategies are holistic and healing for the skin. Check out these Korean skincare trends for this year

CARROT SEED OIL

This one is an unsung hero at the moment but has been used in Korean beauty for more than 10 years now. It contains vitamin A and makes for a great antioxidant. It's antibacterial, anti-inflammatory, antiaging and antifungal, all of which makes it ideal for anyone looking to brighten up their skin.



CLEAN BEAUTY

More and more brands are putting conscious effort into developing products that are free of artificial ingredients, fragrances and chemical additives. K-beauty products will be even more gentle with effective plant-based ingredients. Many brands are even becoming vegan now. Consumers have become more aware of what they put on their skin and they should rightly do that too.

AT-HOME INDULGENCES

Skincare's functional element is to work and deliver results. But people are now going to focus on at-home beauty treatments that provide meditative, soothing and spa-like moments. The kind of treatments that can transport you mentally and emotionally to another headspace.

BODY-CARE BOOST

Several body-care routines originated from the bathhouse culture in Korea, where milk treatments are slathered on the face and body. Baths are steeped with skin-beneficial ingredients like probiotics and green tea. Personal self-care has now taken on new importance for many people ever since the quarantine period. So this year, you can expect to see people including all of the skin, from head to toe. TNN



Ready to eat 'Blue Rice'?

While Blue Rice is not new to Asian cuisine, it is the striking colour that has made people sit up and take notice of the dish lately. Recently, actor Jacqueline Fernandez was seen enjoying blue rice with her friends. Blue Rice, also known as 'Nasi Kerabu', is prepared using butterfly pea flower and is eaten in Malaysia and Thailand. Though mixologists across the country have previously used butterfly pea flowers to impart blue or purple colour to drinks, it is only recently that blue rice has been introduced in restaurants of the country. Tarun Sibal, a chef who serves Blue Rice at his eatery, shares:

Butterfly pea flower is packed with antioxidants and is said to detoxify your body. It is great for your skin too

HOW TO PREPARE

Take a cup of rice and cook it like you prepare regular white rice. To the water add a handful of butterfly pea flowers. "You will need a lot of blue pea flowers (8-10) so that the rice gets the rich blue colour," says Sibal.

PAIR IT BEST WITH

Blue rice tastes well with all kinds of curries. "Since it is a fragrant rice, personally, I prefer to pair it with Asian flavours. So, an Asian curry with mild flavour is definitely a good choice," adds Sibal.



MATHDUKO

0404 MATHDUKO EASY 1

24x			
3+		4x	12x
12x	6x		
		2+	

0404 MATHDUKO EASY 2

9+		3+	1-
	9+		
		24x	4+

0404 MATHDUKO EASY 3

1-	6x	2x	
			2+
3+	7+		
	12x		

0404 MATHDUKO EASY 4

9+	3+		6x
		13+	
3÷	3-		



PLAY TIME (SIMPLY FRACTIONS ZOMBIE BOARD GAME)

RULES OF THE GAME

The zombie board game is a fun game for educators. There are traps, pitfalls and escapes in this game. It is called zombie board game because the zombie represents the biggest single threat to the players. Landing on a zombie space sends a player back to start.

- Roll the dice and count ahead according to the number that shows up.
- When a player lands on a space, the player simplifies the fraction on the space within a determined time and says the answer.
- The instructions on the other spaces are pretty straightforward.
- Lose a turn: the player loses a turn to play.
- Go forward. 6. Go backward.
- The zombie is the space no one wants to land on. It is a killer. Landing on the zombie sends the

player back to start. Restarting is no fun when your opponent is advancing.

- Trade places: this can be good or bad. The player who lands on this space swaps with the opponent. Trading places with an opponent who is ahead in the game is good. Trading places with an opponent who is behind is no fun.
- Finally the last pitfall is towards the end of the game. To finish the game, the player must get the exact number on the dice to end. If the player has more, the player has to count forward and backwards. For example if a player is at space 31, the player needs to roll and get 4 to finish. If the player has 6 for example, the player counts forward to 4 and 2 backwards to space 33.
- To customise this game, change text here in the space boxes by putting in your own words. Equally you can add small clip arts for lower levels.

START

1. 10/5	2. 33/11	3. 10/100	4. 6/12	5. 21/7
11. 7/70	10. Trade Places	9. 7/6	8. 11/22	7. 12/36
12. 45/90	13. 5/4	14. 3/9	15. [Zombie]	16. 30/120
23. 50/100	22. Go back 3 spaces	21. 23/46	20. 6/10	19. 7/28
24. 64/80	25. 70/100	26. 13/4	27. 11/7	28. 15/6
END	34. 7/3	32. 33/55	31. 6/66	30. Lose a Turn