



THE TIMES OF INDIA

www.toistudent.com

CLICK HERE: WWW.TOISTUDENT.COM

STUDENT EDITION

FRIDAY, JULY 24, 2020



WEB EDITION

NCERT updates CBSE CLASS XII SYLLABUS



The National Council of Education Research and Training (NCERT) has revised a chapter in its class XII political science textbook to remove a portion on the separatist politics in Jammu and Kashmir, and add the abrogation of Article 370, which gave special status to the erstwhile state of J&K by the Centre on August 5, 2019. The NCERT has revised the chapter in the textbook, 'Politics in India Since Independence' for the academic session 2020-21. While the topic, 'Separatism and Beyond' has been deleted from the chapter, the abrogation of Article 370 has been included under the topic, 'Regional Aspirations'. The NCERT has also replaced the old map of Jammu and Kashmir in class XII political science textbook from this year.

EDUCATION

Last year on August 5, the Centre had revoked the special status granted under Article 370 of the Indian Constitution to Jammu and Kashmir, through an amendment in the Parliament, and also scrapped Article 35 A; the state was bifurcated into two union territories – Jammu and Kashmir and Ladakh

Plant-based MEAT products



IS PLANT-BASED MEAT BETTER FOR THE ENVIRONMENT?

Experts say moving away from livestock and poultry would reduce greenhouse gases. According to the International Livestock Research Institute, livestock farming used 45% of Earth's land surface and contributed to more than 18% of global greenhouse gases in 2011. A 2018 report commissioned by Beyond Meat, and conducted by the Center for Sustainable Systems at the University of Michigan, compared the environmental impact of making a 4-ounce Beyond Meat burger with a similar beef product. The findings: Beyond Burger generated 90% less greenhouse gas emissions, required 46% less energy, and had far less impact on water and land use than the beef burger. (SOURCE: NYT)

WHAT: Bollywood couple Genelia and Riteish Deshmukh have recently announced their plans to start plant-based meat products. Imagine meats. Plant-based meat refers to meat that is made purely from the plant extracts, but replicate the taste, smell and the sizzle of animal meat.

TYPES: According to experts, plant-based meat can be in the form of a burger patty, nuggets, or even crumbles and sausages.

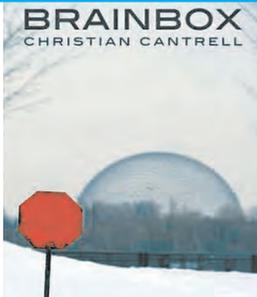
X-PLAINED

HOW IS IT MADE: According to Beyond Meat, one of the major companies competing in the plant-based meat business, plant-based meat products are made by layering in plant-based fats, binders, fruit and vegetable-based colours and flavours, using a process of heating, cooling and pressure to create the fibrous texture of meat.



Are you ready to try the meatless 'meat' trend? Please share your views at toiniet75@gmail.com/times-nie75@gmail.com

Christian Cantrell's 'Brainbox' to get sci-fi series adaptation



Author Christian Cantrell's short story, 'Brainbox' is set to be adapted into a science-fiction series for streaming platforms. The story takes place after a climate engineering experiment fails, and casts the planet into a sudden ice age. The world's most powerful nations are forced to

compete for the last remaining habitable regions, along the equator. As the surviving superpowers turn on each other, a young weapons specialist is brought in to create a revolutionary, self-replicating, artificial intelligence army that will transform the fate of humanity.

BOOKS

COVID IMPACT



Fears over the coronavirus will see the Nobel prize banquet cancelled for the first time in over half a century. Swedish daily Dagens Nyheter has reported. Nobel Prize winners for 2020 will be announced but the banquet, which is always held on December 10, and normally draws around 1,300 guests, will not go ahead. "There are two problems. You can not gather that many people next to each other. And it is uncertain whether people can travel to Sweden to the extent they want," Nobel Foundation Chairman Lars Heikensten said.

- The last time the banquet was cancelled was in 1956, in protest against the Soviet Union's invasion of Hungary.
- It was also cancelled during the World War-I and II
- The prizes for achievements in science, literature and peace were created and funded in the will of the Swedish dynamite inventor Alfred Nobel, and have been awarded, since 1901

NEWS IN BRIEF

CLICK HERE FOR MORE

GRETA THUNBERG DONATES MILLION-EURO RIGHTS PRIZE TO GREEN GROUPS



Climate activist Greta Thunberg is set to donate one million euro (\$1.14 million) prize to the organisations focused on the environment and climate change. The 17-year-old Swede, who was named the winner of the inaugural Gulbenkian Prize for Humanity, said, "all the prize money will be donated

FOR A CAUSE

through my foundation to different organisations and projects, who are working to help people on the front lines affected by the climate crisis and ecological crisis, especially in the Global South". Meanwhile, Thunberg and three other young climate activists have also launched an appeal to the EU leaders to "face the climate emergency", in an open letter signed by 150 scientists and a host of celebrities.

THE CLIMATE ACTIVIST

- This is not the first time that Greta has donated her prize money to organisations and the causes she supports. In April, after winning the Human Act Award, she said, she would donate the \$100,000 prize money to the UNICEF. The Human Act Award matched Thunberg's donation with a further \$100,000.
- Since starting a protest outside the Swedish parliament in 2018, Thunberg has risen to global prominence, becoming the figurehead for a series of school strikes by children around the world

NEWS IN CLUES

Which planet has the longest day in our solar system?

- CLUE 1:** Like Uranus, it rotates in retrograde – the sun rises in the west and sets in the east
- CLUE 2:** It was the first planet beyond Earth visited by a spacecraft (Mariner 2 in 1962), and the first to be successfully landed on (Venera 7 in 1970).
- CLUE 3:** It is the second-brightest natural object in the night sky after the Moon.

ANSWER: VENUS. Scientists have identified 37 volcanic structures on the planet that appear to have been recently active – and probably still are today – painting the picture of a geologically-dynamic planet, and not a dormant world as thought. The research focused on ring-like structures called coronae, caused by an upwelling of hot rock from deep within the planet's interior, and provided compelling evidence of widespread recent tectonic and magma activity on the Venus's surface.

'GOOGLE'S BUILDING WORLD'S BEST EARTHQUAKE-TSUNAMI WARNING TECH'



As a disaster management initiative, Google has been conducting an experiment using subsea fibre optic cables to detect earthquakes and tsunamis early. Google's CEO Sundar Pichai shared the update on the Google experiment through a recent tweet, stating how the experiment uses existing fibre cables to detect disturbances on the seafloor. According to Google, the technique can enable much faster detection of earthquakes and tsunamis.

I RECOMMEND

5 THINGS EVERY STUDENT SHOULD TRY TO MAKE...

MELT-IN-THE-MIDDLE MUG CAKE

Every student needs to memorise a microwave cake recipe, which requires only a mug, five minutes of your time, and precisely no weighing of ingredients. Just whisk everything together in your favourite mug, drop a chocchie into the middle, microwave and ping! – you're ready to get stuck into chocolate heaven.

CLASSIC WHITE LOAF

Your beginners' bread-making class starts here, with a simple sandwich loaf made from very basic ingredients in just 20 minutes plus baking. You can make big batches of this and freeze loaves, so that you know exactly what's going into your daily bread. Once you've mastered the basics, you can start experimenting with different shapes, sizes and add-ins.



FRYING PAN PIZZA

Got a frying pan? Then it's time for a fakeaway. The easy dough for this pizza is made with flour and olive oil, and doesn't need kneading – just mix it together, roll it out, pop it in a frying pan and cook under a grill with your favourite toppings.

EASY PANCAKES

Pancakes are filling, frugal and fun to share. Step beyond lemon and sugar and make them sweet or savoury. Once you've whisked up the batter and flipped your first pancake, you'll realise how easy it is.

GARLIC BREAD

Some things just taste way better when you DIY rather than order in or buy in a packet, and garlic bread is high on that list. It's super simple to make – not to mention cheaper – and once you've baked this beginners' recipe, you can try garlic bread nachos, cheesy garlic bread baked from a scratch, or garlic bread pizzas.

(Please try them under the guidance of your elders)

Massive meteor shower 'hit Earth and the Moon' 800 mn years ago

A giant meteor shower bombarded the Earth and the Moon 800 million years ago, with more than 30 times the force of the asteroid strike that killed the dinosaurs, a new research has



revealed. Japanese scientists examined the images taken by the Kaguya lunar orbiter and found that an asteroid—at least 100 kilometres in diameter—broke up and plunged into the Earth-Moon System, having a profound impact on life on our planet.



➤ This strike, approximately 65 million years ago in what is modern day Mexico, is thought to have led to a mass extinction of more than three quarters of life on the Earth, including non-avian dinosaurs

➤ The shower 800 million years ago, struck the Earth just before the Cryogenian period, which saw an ice age between 720-635 million years ago

Planning to visit a salon, gym?

THIS IS WHAT DOCTORS HAVE TO SAY

Visit a gym or a salon, only if you are fit and healthy. Do carry your own sanitiser and tissue wipes to clean the chairs and gym machines before using them. It would be better, if you avoid such places during peak timings. Be it a personal trainer or a hairdresser, insist that they wear a face mask and sanitise their hands before serving you. Avoid spending more than half an hour in such surroundings. Try not to touch your face; wear a face shield when visiting a gym.

DR. MANJUSHA AGARWAL,
Global Hospital, Mumbai

In places, such as salons, gyms, restaurants and banks, there is a likelihood of physical contact with strangers, hence people have to take strict precautions. Before heading out, just ask yourself a few questions, such as whether you will be able to stay six-feet away from other people, whether those around you will be wearing a mask, or if the establishment that you plan to visit will be capable of strictly enforcing safety guidelines. Keep away from localities that have a large case load.

DR TUSHAU PRASAD,
Wockhardt Hospital, Mumbai

SAFETY MANUAL

