



THE TIMES OF INDIA

www.toistudent.com

CLICK HERE: WWW.TOISTUDENT.COM

STUDENT EDITION

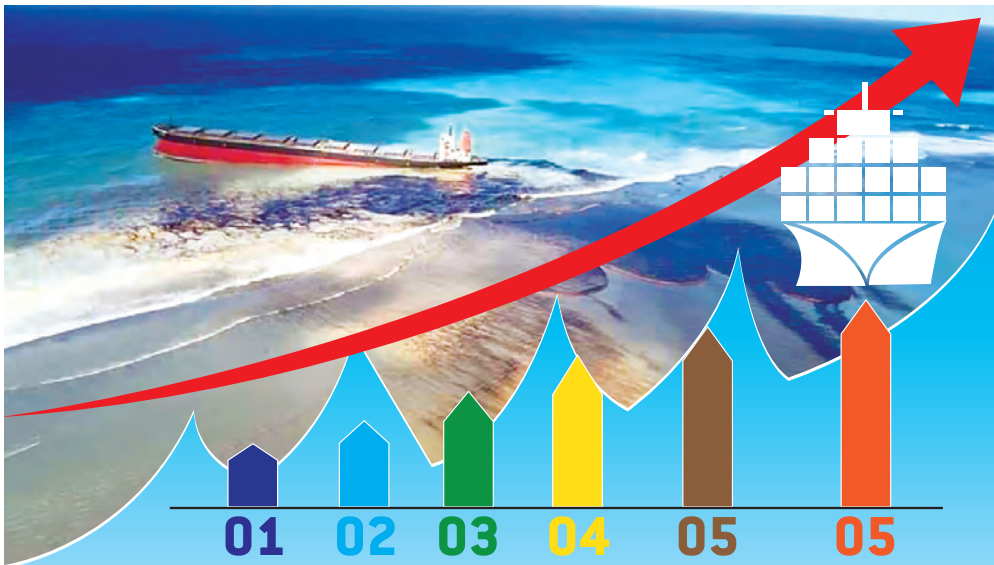


WEDNESDAY, AUGUST 12, 2020

WEB EDITION

X-PLAINED

BLUE ECONOMY



WHAT: Prime Minister Narendra Modi has said that Andaman and Nicobar Islands will be developed as a maritime hub for 'Atmanirbhar India', a boost to blue economy in the archipelago, by making it a maritime and start-up hub. According to the World Bank, the blue economy is the "sustainable use of ocean resources for economic growth, improved livelihoods and jobs, while preserving the health of the ocean ecosystem."

HOW: According to experts, oceans, which cover three-quarters of the Earth, play an important role in boosting our economy. At least 3-5 per cent of the global GDP is derived from the oceans. Apart from providing opportunities for

income generation and jobs, the blue economy supports food security and diversification to address new resources for energy, new drugs, valuable chemicals, protein food, deep sea minerals, security, etc.

HOW CAN ANDAMAN & NICOBAR ISLANDS BE A HUB OF THE BLUE ECONOMY

- ▶ The islands are strategically positioned with proximity to Chennai, Kolkata and the Mongla Port in Bangladesh, which will prove beneficial for the islands
- ▶ The islands are also being connected to other cities in the country by airways, while also improving their inter-connectivity. The Port Blair airport is being expanded as well

WHY IS IT IMPORTANT TO TAP INDIA'S BLUE ECONOMY

▶ According to economists, it is necessary for India to tap the potential of the ocean-based resources, as the development of the blue economy can serve as a growth catalyst for India in realising the vision to become a \$10 trillion economy by 2032

▶ As most of the country's oil and gas is imported through sea routes, experts feel it becomes all the more important to tap our maritime potential

The concept of Blue Economy was introduced by Gunter Pauli in his 2010 book, 'The Blue Economy: 10 Years, 100 Innovations, 100 Million Jobs'

▶ Moreover, oceans account for significant trade and commerce in the fields of shipping, offshore oil and gas, fishing, undersea cables, and tourism ▶ Interestingly, of the 2.3 mn sq km available to India in the Exclusive Economic Zone (EEZ), 1.5 million has been explored across both the Bay of Bengal and the Arabian Sea

Our SOLAR SYSTEM looks like a DEFLATED croissant, reveals NASA

Our solar system looks like a deflated croissant, NASA has revealed, after developing a new prediction of the shape of the magnetic bubble surrounding our solar system. Using data from the NASA missions, an updated model of our solar system suggests that the shape of the sun's bubble of influence, the heliosphere, may be a deflated croissant shape, rather than the long-tailed comet shape suggested earlier.



SPACE

- ▶ The shape of the heliosphere is more than a question of academic curiosity. The heliosphere acts as our solar system's shield against the rest of the galaxy
- ▶ According to new research, all the planets of our solar system are encased in a magnetic bubble, carved out in space by the sun's constantly outflowing material, the solar wind
- ▶ Outside this bubble is the interstellar medium – the ionised gas and magnetic field that fills the space between stellar systems in our galaxy
- ▶ Traditionally, scientists have thought of the heliosphere as a comet shape, with a rounded leading edge, called the nose, and a long tail trailing behind

I RECOMMEND

Components of a SHORT ESSAY

INTRODUCTION

The introductory part is the first impression on the readers. Its main purpose is to attract the audience and make them clear about your intentions of writing. Make the introduction of not more than five sentences, informative, eye-catching, and concise. The author has to encourage the audience to read the essay and make them understand the problem.



THESIS

Being the last sentence of the introduction part, it should focus on the major problem you are going to elaborate and claim with supportive evidence. Make your topic more interesting and focus on specific aspects. It must contain scenarios that are worth debating and should motivate the rivals to argue on different points.

MAIN BODY

The main body consists of the key areas of the essay. You have to mention the significant points attaching the supportive events and facts. It is easier for an audience to read and understand, if you break the main paragraph into smaller sections. Keep the important fact in the initial paragraph and substantiate it with evidence.

SUPPORTIVE EVIDENCE

For the supporting evidence, it is necessary to provide the details that are prominent for an audience to understand the main aspects of your essay. There are several topics that require things to explain in depth. So choose your topics, which do not need a lot of evidence. The less important paragraphs can be kept below of the prominent one.

CONCLUSION

The conclusion is about restating the thesis and drawing a connection between introduction and conclusion, and regularly reminding the audience of the main idea of the topic. The summary should briefly discuss the main points in 1-2 sentences. The conclusion should be clear enough, so that the reader can interpret the arguments precisely.

Learn guitar, play some cards to maintain bio-secure bubble: Lee tells IPL-bound players

Guitar and card games are the options former Australia speedster Brett Lee wants the IPL-bound cricketers to explore in order to maintain the bio-secure bubble during their long stay in the UAE. Lee believes players will act responsibly during the IPL this year, and if bored in the hotel rooms, they should learn to play guitar. For your health, the most important thing to do is to make sure you maintain social distance and adhere to the Covid standards, he asserts.



CELEB TALK

The IPL will be held in the United Arab Emirates from September 19 to November 10 in a controlled environment owing to the Covid-19 pandemic

FACTOID 1 BN

▶ The number of children affected by closures, according to the UN. The coronavirus pandemic has led to the largest disruption of education in history. With schools closed in more than 160 countries, at least 40 million children worldwide have missed out on education. The UN has called for the reopening of schools, once the local transmission of the virus is under control

HEALTH

EATING WELL IN A SUSTAINABLE WAY IS MORE IMPORTANT DURING A PANDEMIC: STUDY



In the midst of a global pandemic, eating well in a sustainable way is more important now than ever, suggest experts. 'Eating local' and growing your own fruit and vegetables can save money, provide families and local producers with vital income, and also improve health and immunity, they say.

Gardening or being part of a community gardening or local food swap group lifts social connection, reduces anxiety and stress, and improves mental health by nurturing plants out in the fresh air

NEWS IN BRIEF

CLICK HERE FOR MORE

MADONNA HAS BEEN CO-WRITING A SCREENPLAY

Singer Madonna has revealed that she has been writing a screenplay lately. The pop diva has been collaborating with 'Juno' writer, Diablo Cody. In a black-and-white video that Madonna has shared, she can be seen sitting at a discussion with Cody. "When you're stuck in a house with multiple injuries what do you do? Write a Screenplay with Diablo about ?#nuts# iconic# walk#serve#diablo." Madonna captioned the post. Their table in front is covered in drafts and different scripts.



ENTERTAINMENT

- ▶ On August 14, Madonna will reteam with American rapper Missy Elliott to hop on a remix of Dua Lipa's 'Levitating'
- ▶ Madonna has 12 No 1 hits on the Billboard Hot 100, and earlier this year earned her landmark 50th No 1 hit on the Dance Club Songs chart

THE DALAI LAMA TO RELEASE HIS BOOK ON CLIMATE CHANGE

The Tibetan spiritual leader, the Dalai Lama's next book, on climate change, will be released in November 2020. Titled, 'Our Only Home: A Climate Appeal to the World', it has been co-written with environmental journalist Franz Alt. In this book, The Dalai Lama calls on the political decision makers to fight against the deadlock and ignorance on the issue of climate change, and to stand up for a different, more climate-friendly world for the younger generation to assert their right to regain its future.



BOOK

- ▶ It follows his 2019 publication dedicated to children, 'The Seed of Compassion: Lessons from the Life and Teachings of His Holiness the Dalai Lama'
- ▶ His other books include his autobiography, and a book on philosophy

August 12 WORLD ELEPHANT DAY

The World Elephant Day was conceived in 2011 by two Canadian filmmakers, Patricia Sims and Thailand's Elephant Reintroduction Foundation, and first celebrated on August 12, 2012.

The initiative was supported by film star and Star Trek legend, William Shatner, who narrated the documentary, 'Return to the Forest', an inspiring 30-minute film about the reintroduction of captive Asian elephants to the wild.

The aim of the first World Elephant Day was to draw attention to the plight of these majestic creatures to populations and cultures all over the world.

1 The African elephant is the world's largest land mammal – with males on average measuring up to 3m-high and weighing up to 6 tons

2 There are two species of elephant: African and Asian. The ears of the African elephants are much larger than their cousins, and are described as being shaped like the African continent, whereas the ears of the Asian elephants are shaped like the Indian subcontinent. There's also a trunk difference – Asian elephants have two 'fingers' at the tip of their trunks, whereas Asian elephants have one

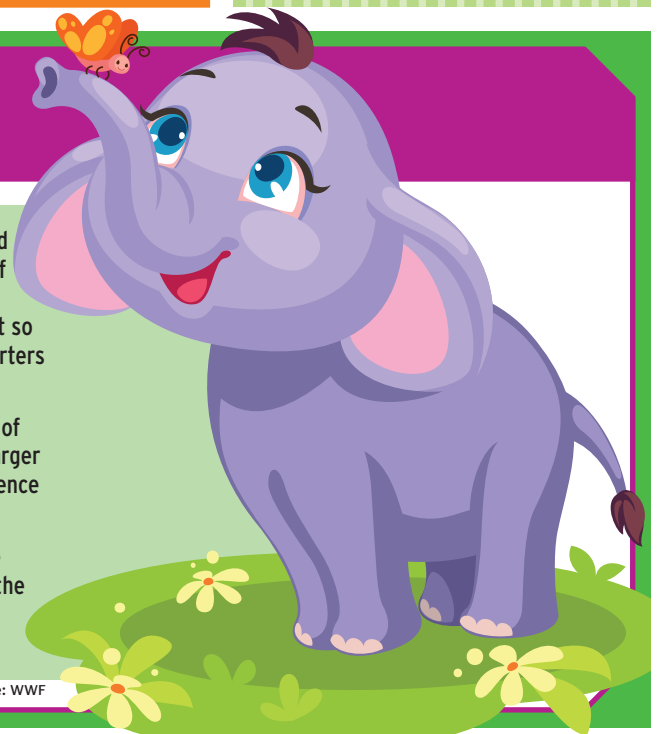


3 Elephants need up to 150kg of food per day – that's around 375 tins of baked beans, although half of this may leave the body undigested. They eat so much that they can spend up to three-quarters of their day eating

4 The elephant's temporal lobe (the area of the brain associated with memory) is larger and denser than that of the people – hence the saying 'elephants never forget'

5 Contrary to the popular perception, the major threat to the pachyderms is not the ivory trade, it's habitat loss and conflict with the humans

Source: WWF



Are you saving SEEDS?

Sustainable Living

We have for long been collecting marbles, stamps or postcards as hobbies. But ever heard of seed saving? A common practice in our grandparents' time, the practice of saving seeds is reviving as a new hobby for many young citizens as activities like urban farming, terrace farming, vertical gardens, and other methods surge in urban India.



Beginner's Guide to Seed Saving

- Identify the best plants in your kitchen garden or terrace farm
- Save few fully ripe fruits from your produce
- Scoop out the seeds
- Sun dry them and store in a cool dry place
- Save different varieties of seeds in different storage containers
- Label seed packets to identify seeds to be sown in the next cycle
- Easiest herb seeds to save are of curry leaves, basil, oregano and coriander
- Share seeds with your friends, neighbours

SEEDS LEAD TO SELF-SUFFICIENCY!

As self-sufficient India is the talk of the town these days, why not be self-sufficient when it comes to growing your own food. "Seeds are a symbol of self-reliance and nutrition," says Dr Shalini Bhutani, National Consultant at UN Food and Agriculture Organisation (FAO).

SEED SAVING IS GOOD FOR ALL

Delhi-based garden designer Poornima Savargaonkar says, "Saving seeds of your own plants can be a useful and fruitful activity for older people and a hands-on, fun experience for children." The practice of seed saving extends to sharing of seeds as well. Savargaonkar says, "I barter my seeds with people who also have saved seeds." Traditional practice of saving seeds has given way to formation of seed banks, vaults and libraries.

WHY THIS IDEA IS BECOMING POPULAR?

Changing lifestyle choices, mainly the desire to go organic, is one motivation for people to move towards growing their own food. Nandini Diesh, a corporate lawyer who manages a cooperative farm in Noida, says, "Seed is the only wealth of a farmer and as an urban farmer, we save seeds not only from the farm produce but at home as well." Lockdown proved to be very productive for Divya Roy, a student. "Saving and sharing home-grown, organic seeds can be great for sustainable living. There's no greater joy than sowing the seeds that you get from your own plants. As I've just started growing my own herbs, I reuse the tomatoes of my plant to grow new plants," Divya shares.



THE TIMES NIE SOCIAL MEDIA ... ARE YOU THERE YET?

facebook Upload fun videos of your family and friends, share DIY ideas, comment on posts that you like, write and tag us!
➤ Where: **CLICK HERE** - <https://www.facebook.com/TOIStudent/>

YouTube Watch special screening AND VIDEOS! Have a short film to share? Send at nieyteam@gmail.com

➤ **Have you seen yet?** Our short video presentation on the National Education Policy, 2020! **Watch it, click here.**

➤ **Subscribe now:** **Click here** - https://www.youtube.com/channel/UCyT6h6Z3gq94BAhHqG5m-Ag?view_as=subscriber

twitter Start your own hashtag, make it a trend! Have you joined the conversation on #FutureForward yet? Let us know what you think about the NEP, 2020.

Click here - <https://twitter.com/TOIStudent/>

NOTE: Please adhere to age guidelines: YouTube forbids children under 13 to create their account, ages 13 and 17 are allowed to open accounts only with parental permission. FB and Twitter require users to be at least 13 years of age to use their services.

TEST YOURSELF

HISTORY MYSTERY



CHANDRAGUPTA MAURYA

The Majestic Maurya at 16 (reign: 321-297 BC)

Chanakya was passing by a village in Bihar, when he saw a boy of 8 playing at being 'pretend' king with his friends. He saw some spark of brilliance in this young lad and took him away - deter-

mined to train him to become a great warrior king.

Leading from the front: When he was 16, Maurya attacked the Nanda empire. By 20, he had demolished them and was crowned Emperor Chandragupta Maurya, establishing the first pan-Indian empire. His enemies quivered at his fearsome army - 600,000 foot soldiers, 30,000 horses and 9,000 war elephants.

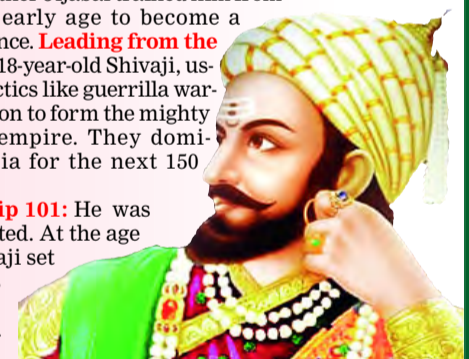
Leadership 101: Maurya's systematic demolition of the Nanda empire taught us that in case there is a grave threat, we should know how to convert them into opportunities.

OMG FACT: Chandragupta defeated the neighbouring Greek king Seleucus and gave him 500 elephants in exchange for all of Afghanistan!

SHIVAJI The Mighty Maratha (1627 - 1680 CE)

OMG FACT: An Englishman with the East India Company wrote about Shivaji: "Report hath made him an Airy Body and added Wings, else it were impossible for him to be in so many places... at one time..."

Shivaji Bhonsle was born in 1627 CE in Pune. His mother Jijabai trained him from an early age to become a prince. **Leading from the front:** An 18-year-old Shivaji, using war tactics like guerrilla warfare, went on to form the mighty Maratha empire. They dominated India for the next 150 years. **Leadership 101:** He was goal-oriented. At the age of 15 Shivaji set his goal as Swarajya (self rule).



Archana and Shruti Garodia, authors of 'The History of India For Children' talk about some Inspiring Teen Leaders who left their mark on us...

PANDEMIC GROOMING

Mask friendly skincare



As we wear masks for longer hours outdoors, there's reason to practice extra caution to prevent 'maskne', hyper-pigmentation and other such skin-related issues. Here's what you can do to keep your skin in good condition along with 'masking it'.

- Wear masks after thoroughly cleansing your face and applying a moisturising cream. "The creams act as a barrier between the mask's fabric and your skin, thus helping avoid friction and rashes," explains dermatologist Dr Kavya Bhagat.
- Wear your face mask 5-10 minutes after you have applied a moisturiser, to give your skin some time to absorb the cream.
- Exfoliation twice a week is also recommended to prevent acne and

- blackheads that may appear because of the masks.
- Take off your mask as soon as you are inside your home. If you notice any inflammation or redness, immediately apply ice on affected areas. This will calm the irritated skin.
- Always wash your face after taking off your mask followed by moisturiser or cream application.
- Ensure the fabric of your mask is not harsh on your skin. Pick face masks with soft material. **TNN**



Quiz time MIXED BAG

Q.1) In which year was the Pulitzer Prize established?
A. 1917 B. 1918 C. 1922 D. 1928

Q.2) B C Roy Award is given in the field of....
A. Music B. Medicine
C. Journalism D. Environment

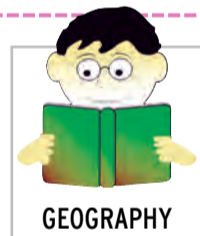
Q.3) Gandhi Peace Prize for 2000 was awarded to the former President of South Africa. Who was the other recipient?
A. Sathish Dawan
B. C Subramanian

C. Grameen Bank of Bangladesh
D. World Health Organisation

Q.4) The prestigious Ramon Magsaysay Award was conferred upon Kiran Bedi for her contribution in which field?
A. Literature
B. Community Welfare
C. Government Service
D. Journalism

ANSWERS

1. A) 1917 2. B) Medicine 3. C) Grameen Bank of Bangladesh 4. C) Government Service



KNOWLEDGE BANK

Taumata Hill

In New Zealand near Porangahau in Hawke's Bay is



GEOGRAPHY

an unassuming hill known as "Taumata whakatangi hangakoauau o tamatea turi pukakapiki maunga horo nuku pokai whenua kitanatahu", which translated into English means "the place where Tamatea, the man with the big knees, who slid, climbed and swallowed mountains, known as 'landeater', played his flute to his loved one." Locals simply call it Taumata Hill.

MATH Game



Scoring 8



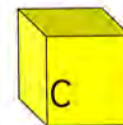
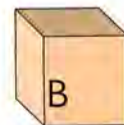
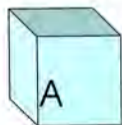
Red

Black

How many ways can you score a total of 8 when you roll two dice?
Record your answers below.

Red	Black	Total
		= 8
		= 8
		= 8
		= 8
		= 8

How many ways?



You have three boxes. You have 7 buttons.

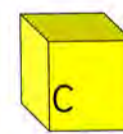
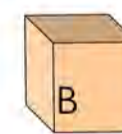
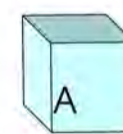


How many ways can you put the buttons in the boxes?

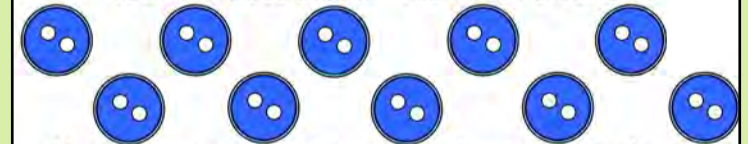
I have done one for you:

Box A	Box B	Box C
5	1	1

How many ways?



You have three boxes. You have 10 buttons.



How many ways can you put the buttons in the boxes?

I have done one for you:

Box A	Box B	Box C
8	1	1

Making Math fun is essential to engage most students in even learning the basics. We see the difference in achievement when students are engaged and participating. So making learning fun is a big part of our goal!