



# THE TIMES OF INDIA

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**TODAY'S  
EDITION**

> Chitrej Woonna, a class X student from Hyd, talks about his 'Smart Cable Plough', which will make ploughing easy for farmers  
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> Learn more about Barbiecore, the new fashion trend that is becoming popular among this generation  
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> Manchester United springs back to life with 2-1 win over Liverpool  
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**STUDENT EDITION**  
WEDNESDAY, AUGUST 24, 2022

**NEWS IN  
CLUES**

**THIS AIRCRAFT CARRIER HAS ENOUGH POWER ONBOARD TO LIGHT UP KOCHI CITY**

**CLUE 1:** It is named India's first aircraft carrier that played key role in the 1971 war

**CLUE 2:** It has specialised cabins for women officers

**CLUE 3:** It is the first indigenously designed and built aircraft carrier

**ANSWER:** IAC Vikrant. Prime Minister Narendra Modi will commission the country's first IAC Vikrant on September 2. PM Modi will officially induct the vessel to the Indian Navy at a specially-arranged venue inside the Cochin Shipyard Limited (CSL), which manufactured the over ₹ 20,000 crore warship. The IAC Vikrant will bolster India's position in the Indian Ocean Region in its quest for a blue water navy. Fighter jets – MIG-29K fighter jets, Kamov-31 helicopters and MH-60R multi-role helicopters – have been brought to the aircraft carrier. It has over 2,300 compartments, designed for a crew of around 1,700 people. It is 262-metre-long, 62-metre-wide and has a height of 59 metre. Its flight deck is comparable to two football grounds and by walking through the corridors of the massive vessel, one would cover eight km.



## Climate change could lead to extinction of marine species by the end of the century

**A** new study has warned that nearly 90 per cent of marine species are at critical risk of going extinct by the end of the century, if greenhouse emissions are not curbed. As reported by Daily Mail, researchers, led by Dalhousie University in Canada, evaluated climate risks of nearly 25,000 species that live in the upper 328 feet of the ocean and found that a large amount will disappear from the planet by 2100 if emissions continue to stay at high levels or a 'business as usual' scenario. They have warned that it would wipe off thousands of animals, plants, chromists, protozoans and bacteria that call the world's oceans their home. The analysis shows that a 'disproportionately large number' of sharks, rays and mammals are at high or critical climate risk – 75 per cent of them are predicted to go extinct by 2100.

**THE IMPACT**  
Not only would these creatures no longer roam the seas, but their disappearance has great consequences for the ecosystem, as it would disrupt the food chain

**The last time 90 per cent of life was wiped from Earth was 252 million years ago during what is dubbed the Great Dying**

- The Permian mass extinction, nicknamed 'The Great Dying', saw almost all life on Earth wiped out
- Scientists believe around 95 per cent of all marine life perished during the mass extinction, and less than a third of life on land survived the event
- In total, it is believed that 90 per cent of all life was wiped out



- However, new findings suggest a massive volcanic eruption that ran for almost one million years released a huge reservoir of deadly chemicals into the atmosphere that stripped the Earth of its ozone layer
- This eradicated the only protection Earth's inhabitants had against the sun's deadly UV rays (Daily Mail)

## Tokenisation of debit, credit cards by September. WHAT IT MEANS

**T**he Reserve Bank of India (RBI) has made it mandatory for all credit and debit card data used in online, point-of-sale, and in-app transactions to be replaced with unique tokens by September 30 this year. This added layer of security by way of tokenisation is expected to enhance users' digital payment experience.



Currently, many entities, including merchants, involved in an online card transaction chain store card data like card number, expiry date, etc. [Card-on-File (CoF)] citing cardholder convenience and comfort for undertaking transactions in future. While this practice does render convenience, the availability of card details with multiple entities increases the risk of card data being stolen or misused and there have been instances where such data stored by merchants have been compromised.

**What is tokenisation?**  
As per the RBI, tokenisation refers to the replacement of actual card details with an alternate code called the "token".

**What is the benefit of tokenisation?**  
A tokenised card transaction is considered safer as the actual card details are not shared with the merchant during the processing of the transaction.

**How can the tokenisation be carried?**  
The cardholder can get the card tokenised by initiating a request on the app provided by the token requestor. The

token requestor will forward the request to the card network, which, with the consent of the card issuer, will issue a token corresponding to the combination of the card, the token requestor, and the device.

**Who can perform tokenisation?**  
Tokenisation can be performed only by the authorised card network and the list of authorised entities is available on the RBI website.

**What are the charges that the customer needs to pay for availing of this service?**  
The customer need not pay any charges for availing of

this service.  
**What are the use cases (instances/scenarios) for which tokenisation has been allowed?**  
Tokenisation has been allowed through mobile phones and/or tablets for all use cases/channels (e.g., contactless card transactions, payments through QR codes, apps etc.)

**Is tokenisation of a card mandatory for a customer?**  
No, a customer can choose whether or not to let his/her card tokenised. Those who do not wish to create a token can continue to transact as before by entering card details manually at the time of undertaking the transaction.



**Quote unquote**  
A truly representative Security Council is the most pressing need of the hour. Else, there is a real danger of the United Nations being superseded by other plurilateral and multilateral groupings, which are more representative, more transparent and more democratic and, therefore, more effective. The most urgent thing,

therefore, for us to do is to make the Security Council more representative of developing countries, so as to reflect current geopolitical realities, for, in India, which now represents more than one-sixth of humanity, we believe that until we 'reform, perform and

transform' multilateral governance structures, we would be continuing to found wanting  
**Ruchira Kamboj, India's Permanent Representative to the UN, at a meeting on Maintenance of International Peace and Security: Promoting Common Security Through Dialogue and Cooperation**



## WHATSAPP ROLLS OUT ADMIN DELETE FEATURE

**A**fter announcing the ability to retrieve deleted messages on its latest beta for iOS update, Meta-owned WhatsApp is now releasing a feature that lets group admins delete any message in the group. The feature has only been rolled out to some lucky beta testers, so it will take some time before reaching all other accounts, reports WABetaInfo.



- The report mentioned that it is a significant feature for group admins because they can finally moderate their WhatsApp groups better.
- In addition, when a message is deleted for everyone in the group, all other group participants can see that a certain group admin has deleted the message.
- Recently, the platform started rolling out the ability to watch Status directly from WhatsApp's chat list for iOS users.

## APPLE PLANS MANUFACTURING IPHONE 14 IN INDIA

**A**pple Inc plans to start manufacturing iPhone 14 in India about two months after the product's initial release in China. The US-based company has been gradually ramping up production of iPhones in India. Currently, its devices are manufactured in India by three contract manufacturers – Foxconn (Hon Hai), Wistron and Pegatron.



## Ministers told to show results on Prime Minister's tips for efficiency

**M**onths after Prime Minister Narendra Modi gave tips to the council of ministers on increasing their efficiency and adopting best governance practices, the ministers now have been asked to give details of compliance and progress on the actionable points of his advice.



Sources said the ministers and their departments were recently asked to submit their responses on several issues. It is believed that the

concept of tiffin baithak, which Modi had introduced in Gujarat when he was CM, focuses on meeting with officials over food. Officials bring their tiffins to meetings and share their food as well as ideas. They said the ministers were advised to inculcate this culture as a means of team-building and mutual bonding among peers.

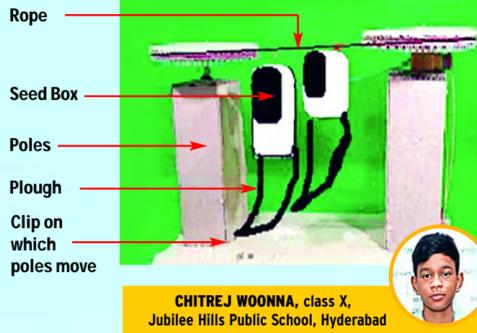
# PLOUGHING SMART



In India, many farmers still till their land using traditional methods like plough drawn by ox and other animals. Modern machines, including customised tractors are widely used now, but are mostly out of the reach of poor farmers due to monetary road-blocks. To overcome the difficulty, I invented a "Smart Cable Plough", which can help the farmers to plough the land as well as sow seeds at the same time.



- The machine is designed on the lines of a cable car
- Two poles, one each at the two ends, are used to carry the machine.
- Two ropes are connected to the poles and another clip is fixed horizontally to the field which can be moved.
- The plough is fixed and the machine is automated in such a manner that the seeds are sown at a specific distance in fixed intervals.

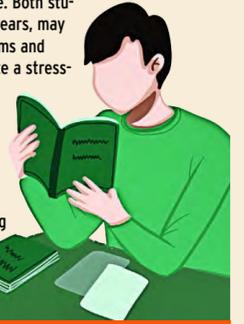


CHITREJ WOONNA, class X, Jubilee Hills Public School, Hyderabad



## Time to take stock of the year ahead!

School corridors are buzzing once again post Covid-19 pandemic and it's time to ease back into the routine of academic life. Both students and parents, especially Board years, may be bursting with questions about exams and ways to deal with it. "How can I create a stress-free environment for my child? How can I take care of my child when he/she has stopped eating due to exam stress? How can I prepare a timetable for my kid?" These are some of the key questions parents are regularly asking counsellors. Here are some tips that may help:



### BEATING STRESS

1. Tell the child that it is okay to be imperfect. Kids need to be kids.
2. Tell the child to work hard but also acknowledge her/his mistakes and address them.
3. Children need relaxing activities.
4. Self-care and positive thinking are key to avoid anxiety.
5. Let the child express her/his anxiety and help her/him solve the problems.
6. Give examples and inspire children so that they 'never give up'.



### STUDYING BETTER

1. Avoid competition to minimise stress
2. Organise your study space
3. Use flow charts and diagrams
4. Practise sample papers
5. Take regular breaks
6. Revise well



ANKOOSH, English Facilitator, TGT (CBSE), NSR International School, Warangal



## Develop a good wavelength with teachers

We all are trying to give our best to excel in academic performances. Here are some tips which may help you get even BETTER!!

- Try to have a good wavelength with teachers. Having good communication with teachers and letting them know your thoughts, having discussions regardless of the results, will help them understand you better. This in turn is going to help you in one way or the other. A good un-



derstanding and exchange of ideas with teachers make the subject surpris-

ingly much easier to learn. Always finish reading the lessons or topics for

tests and exam much beforehand. Make sure that on exam days all that is left for you to do is 'revise them' and not actually read them for the first time!

■ I believe we all have different styles of studying and varied stamina for absorbing information. So, exercises like making notes, highlighting techniques, methods to make short notes, etc., are something to be figured

out on your own while doing self-study because that is the time for you to check out your speed and understanding capabilities. So, never think of time management only before an exam. The right time to customise your study pattern is when the lessons are being taught - this is the time to figure out your own 'indigen-

nous' study style. Importantly, try to participate in leisure activities you find interesting, because this not only helps you discover your hidden talents and strengths but will let you make good memories too. Hope this helps every student out there to study better and achieve your goals.



ANUSHKA TRIVEDI (XII-AJPS), Amara Jyothi Public School, KR Puram - CBSE, Bengaluru

# READ & COMPREHEND



CLASS: X  
SUBJECT: ENGLISH (CBSE)  
MARKS: 80

## SAMPLE PAPER SET BY GAYATRI, ENGLISH DEPARTMENT, CHITTURI HIGH SCHOOL, VIJAYAWADA

(This is the second half of the mock paper that appeared in the edition dated August 17, 2022)

III. Read the extract given below and answer the following questions by choosing the most appropriate option. Answer any one of the two extracts (1M x 5= 5M)

A. Wanda, Peggy would say in a most courteous manner as though she were talking to Miss Mason. Wanda, she'd say, giving one of her friends a nudge, tells us. How many dresses did you say you had hanging up in your closet? A hundred, Wanda would say. A hundred! exclaimed all the little girls incredulously, and the little ones would stop playing hopscotch and listen.

(1) Who is the author of 'The Hundred Dresses'?

- a) Liam O' Flaherty b) Frederic Forsyth  
c) Roald Dahl d) El Bsor Ester

(2) Where in the classroom does Wanda sit?

- a) End corner b) Middle  
c) Front d) Rotational

3. Why does Wanda say that she has a hundred dresses?

- a) Because she has  
b) To counter other girls  
c) She loves to rant  
d) None of the above

4. How does Maddy treat Wanda?

- a) She doesn't make fun of Wanda  
b) She likes Wanda a lot  
c) She hated Wanda a lot  
d) None of the above

5. Find the word which means 'unwilling to accept'.

- a) Courteous b) Exclaimed  
c) Incredulously d) Nudge

(OR)  
B. There wasn't a cloud in the sky. I was happy to be alone high up above the sleeping countryside. I was flying my old Dakota aeroplane over France back to England. I was dreaming of my holiday and looking forward to being with my family.

1. How was the weather when the narrator started flying his aeroplane?

- a) Cloudy b) Clear  
c) Storm d) Foggy

2. Which country did the pilot be-



long to?

- a) England b) France  
c) Italy d) Germany

3. What was the name of the aeroplane that the pilot was flying?

- a) Airbus b) Boeing  
c) Dakota d) Minesotta

4. Why was the pilot flying his old aeroplane?

- a) Because he wanted to go on a holiday  
b) Because he had to monitor the weather condition  
c) Because he did not like Paris  
d) Because he wished to have a breakfast with his family

5. Find a similar phrase of 'hoping with pleasure'

- a) Coming up b) Shining in  
c) Looking forward to d) Look at

IV. Read the extracts given below and answer the following questions by choosing the most appropriate option. Answer any one of the two extracts (1M x 5= 5M)

A. He is learning, well behind his desperate eyes. The epistemology of loss, how to stand up knowing what every man must one day know And most know many days, how to stand up.

1. The boy is in grief because his ball has been .....

- a) destroyed by the pet  
b) taken forcefully  
c) lost d) given to the other boy.

2. How are the boy's eyes?

- a) Sparkling b) Dull  
c) Desperate d) Happy

3. The boy is learning.....

- a) The meaning of life  
b) Meaning of responsibility

c) To cope with loss  
d) Meaning of happiness

4. 'Epistemology' means.....

- a) Imitation b) Methodology  
c) Philosophy d) Assertion

5. What does the poet say about this world is made of?

- a) Possessions b) Happiness  
c) Joys d) Troubles

(OR)  
B. He could be snarling around houses

At the jungle's edge, Baring his white fangs, his claws, Terrorising the village!

1. Through these lines the poet is trying to suggest that -

- a) the tigers should be kept in cages  
b) the tigers are dangerous  
c) the tigers should be killed  
d) the tigers should be allowed to live in their natural habitats.

2. The tiger scares the people by -

- a) moving in the jungle  
b) making angry sounds  
c) showing his teeth & nails  
d) all of the above

3. What else can the tiger do in a jungle -

- a) drink water  
b) control his anger  
c) walk only a few steps  
d) kill some other animal for food.

4. The rhyme scheme of the passage is -

- a) abab b) abcb c) abba d) aabb

5. Which word in the stanza means 'make an aggressive growl'

- a) baring b) terrorizing  
c) snarling d) fangs

V. Answer any ten of the fill in the blanks by choosing the most appropriate option from the ones given below: (1M x 10= 10M)

1. She.....finish this work before I go.

- (a) has to (b) must  
(c) should (d) need

2. Do you.....cook your own meal?

- (a) have to (b) ought to  
(c) should (d) must

3. He..... not buy a car.

- (a) has to (b) ought to  
(c) should (d) need

4. The police.....four thieves last night.

- (a) catch (b) caught  
(c) is catching (d) has caught

5. The patient.....before the doctor came.

- (a) died (b) has died  
(c) had died (d) dying

6. Father divided his property..... Four sons

- (a) between (b) among (c) of (d) in

7. There aren't ..... students in the library.

- (a) many (b) some (c) a lot (d) much

8. They were bored because there was ..... to do.

- (a) a little (b) little  
(c) a lot (d) some

9. I think ..... express train is running late. It was supposed to arrive at 9 o'clock.

- (a) a (b) an (c) the (d) that

10. I am so excited to be at ..... concert. I can't wait for it to begin.

- (a) this (b) that (c) these (d) those

11. I'm having ..... of trouble passing my driving exam.

- (a) a few (b) little (c) a lot (d) a lot of

12. .... you touch your toes without bending your knees?

- (a) can (b) could (c) might (d) may

### SECTION-B

Subjective Questions (40 marks)

Q1: Answer any one of the follow-

ing letter in about 100-120 words (5M x 1= 5M)

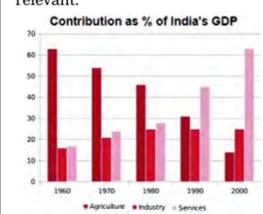
A. As head of the music department of your school, write a letter to Hyderabad Music House, placing an order for some music instruments. You are Anvita/Anil of DIPPS School, Rohini, New Delhi.

(OR)

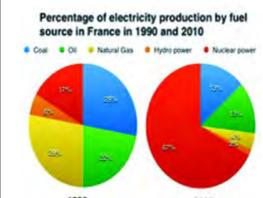
B. You are Raman/Reena of 240, Shahid Nagar, Agra. Write a letter to M/s Raju Sales Corporation complaining about the poor performance of the washing machine purchased from their showroom, mentioning clearly the specific problem you are facing and the action you want. Give all the relevant details.

II. Answer any one of the following questions in about 100-120 words (5M x 1= 5M)

A. The bar chart below shows the sector contributions to India's gross domestic product from 1960 to 2000. Summarise the information by selecting and reporting the main features, and make comparisons where relevant.



B. The pie charts below show the percentage of electricity produced by fuel source in France in 1990 and 2010. Summarise the information by selecting and reporting the main features, and make comparisons where relevant.



III. Answer any four of the following in about 20-30 words each (2M x 4= 8M)

- a) What does Mandela refer to as 'an extra-ordinary human disaster'?  
b) Why does Anne want to keep a diary?  
c) Why was Dr.Herriot worried about Tricki?  
d) What happened when the dust of snow fell on the poet?  
e) What did the London boys follow and why were they fascinated?  
f) What are the qualities that go into the making of a scientist?

IV. Answer any four of the following in about 40-50 words each (3M x 4= 12M)

- a) How did the seagull feel when he took his flight finally?  
b) Narrate the story of a Buddhist monk behind the discovery of tea.  
c) How does the tiger feel locked in the concrete cell of the zoo? Why does he ignore the visitors?  
d) What will be the cause of the end of the world if it has to perish twice?  
e) How did Ebright's mother encourage his interest in learning?  
f) Why did Lencho's happiness change into deep concern?

V. Attempt any one of the following questions in about 100-120 words (5M x 1= 5M)

Maddie decides that she was never going to stand by and say nothing. Discuss Maddie's character in the light of this statement.

(OR)  
Amanda's efforts to escape into her own world of imagination and dreams is mere escapism. Elaborate.

VI. Attempt any one of the following questions in about 100-120 words (5M x 1= 5M)

One must be a law abiding citizen of the country. Griffin lacked this attribute in his character. How did it make him an undesirable person? How did lawlessness overshadow his greatness as a scientist?

(OR)  
Love, human sympathy and education can transform even a thief. How could Anil bring such a change in Hari Singh?

These questions are meant for practice purpose only. Students are advised to check format, syllabus and marks for Board test papers with their teachers. Questions have been given by teachers and NIE is not responsible for them.