# PANDEMIC OVER THE YEARS

Commenting on the havoc wrecked by Covid 19 Pandemic, Marc Lipsitch wrote, "We're just clambering into a life raft. Dry land is far away!!!" Doubtlessly, Coronavirus changed our lives forever, shattering economies, ruining industries and leaving millions homeless and unemployed. With the world desperately trying to embrace the norms of the socalled New Normal, let us have a look at some of the disastrous pandemics which afflicted mankind over the years. A pandemic is defined as "an epidemic occurring worldwide, or over a very wide area, crossing international boundaries and usually affecting a large number of people". The classical definition includes nothing about population immunity, virology or disease severity. By this definition, pandemics can be said to occur annually in each of the temperate southern and northern hemispheres, given that seasonal epidemics cross international boundaries and affect a large number of people. However, seasonal epidemics are not considered pandemic. A true influenza pandemic occurs when almost simultaneous transmission takes place worldwide.

### 1.1346-1353: THE BLACK DEATH:

The Black Death travelled from Asia to Europe, leaving devastation in its wake. Some estimates suggest that it wiped out over half of Europe's population. It was caused by a strain of the bacterium Yersinia pestis that is likely extinct today and was spread by fleas on infected rodents. The bodies of victims were buried in mass graves. The plague changed the course of Europe's history. With so many dead, labour became harder to find, bringing about better pay for workers and the end of Europe's system of serfdom.

# 2.1889-1890: THE FLU PANDEMIC:

In the modern industrial age, new transport links made it easier for influenza viruses to wreak havoc. In just a few months, the disease spanned the globe, killing 1 million people. The earliest cases were reported in Russia. The virus spread rapidly throughout St. Petersburg before it quickly made its way throughout Europe and the rest of the world. This pandemic is often referred to as the 'Asiatic flu' or 'Russian flu'.

# 3.1720:THE GREAT PLAGUE OF

### MARSEILLE:

The disease arrived on a merchant ship called the Grand Saint Antoine at French port city of Marseille. It killed roughly 100,000 people.

## 4.1820: CHOLERA:

The first cholera pandemic began near the city of Calcutta stemming from contaminated rice which initially spread through flies. Highest death rate due to Cholera was in Thailand, Indonesia.

# 5.1918: SPANISH FLU:

France was the epicentre of Spanish flu. It first a lot of useful work on Zoom and other originated in a hospital, overcrowded camp which videoconferencing platforms is likely to was an ideal site for spreading respiratory virus. dampen business travel in future, thereby The hospital treated 100,000 patients of chemical cutting commercial jet traffic even after attacks.



Illustration by Biraj Ghoshal XC

# 6.1981: AIDS:

AIDS has claimed an estimated 35 million lives since it was first identified. HIV is the virus which causes AIDS, likely developed from a chimpanzee virus that transferred into humans.

# 7.2014-2016: WEST AFRICAN EBOLA EPIDEMIC:

Ebola ravaged West Africa with 28,600 cases and 11,325 deaths. The first case to be reported was in Guinea in December 2013, then the disease quickly spread to Liberia and Sierra Leone.

# 8.2020-PRESENT: CORONAVIRUS

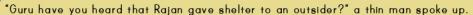
# (COVID 19):

This virus first discovered in Wuhan, China and spread all over the world. It ravaged India with 4.37 crore cases and 5.26 lakh deaths till date. However, every cloud has a silver lining. COVID 19 pandemics has caused a lot of problems and disasters in almost everybody's life but there are few good outcomes too. For example, people who weren't able to spend time with their family were able to spend some quality time with them and also try out few things which they always dreamt of. And worldwide too, it has a lot of good effects such as reduction in use of fossil fuels, thereby decreasing the accumulation of atmospheric carbon dioxide. methane, and other greenhouse gases and slowing the rate of global warming. Skies are visibly clearer. The discovery that we can do a lot of useful work on Zoom and other videoconferencing platforms is likely to dampen business travel in future, thereby recovery begins.

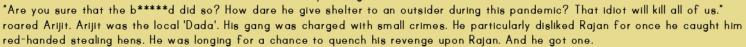
# The Man In the Dirty Suit

It had been six months since Modi declared an all-out lockdown in India. The radio informed that Covid was on the rise killing thousands every day. All the big towns and cities had already shut down. Rajan cared less about all this.He thought that It was the work of the government to look after everything hazardous. Moreover, what could a small farmer and daily wager like him even do? Rajan was riding his ancestral cycle through the village road by the rice fields. He was returning from the fat contractor's house. He went there hoping to get some job but the contractor barked him off saying that it was lockdown everywhere, business was down and the economy had crashed. Rajan couldn't figure out anything the contractor said but thought that the contractor might be angry with him and refused to give him any job. "Hump, that b\*\*\*\*\*d scolded me for nothing. I don't need his job. He will come begging to me when he will get no workers to do his work and I'll bark him off that time." murmured. Rajan was almost near his house when out of the bushes came a man, well dressed in a suit but had mud stains on them. He fell in front of Rajan's mount. "Help..." the man collapsed

"Why did you bring him here? He may be affected." roared Laxmi. Laxmi, a woman in her mid-thirties, was married to Rajan for more than fourteen years. She was a dominating figure who was accustomed to be heard. Unlike Rajan, she was practical and aware of her surroundings. Well, I found him lying on the road. He was hurt and had mud all over him. So... answered Rajan meekly. He found it hard to argue with his wife so he usually kept quiet when she fired upon any topic. "There is no work in any construction sites for lockdown. The crops in the fields are already dry. There is no money in the house and now you are showing charity to unknown people..." Laxmi started weeping. "Now now look at the man... he is wearing such wealthy clothes. He must be rich. When he gets back to sense I will ask him to help us financially. Moreover, all this covid-ovid is nothing but non-sense made up by the government to unemployment. Don't worry." reassured his wife. Laxmi's eyes lit up on hearing about the the money. She didn't complain anymore. Perhaps Rajan was right, she was indeed unnecessarily worried. Moreover, she remembered the village priest's saying—"Always help a person in need."



"Hmm. I also heard the same." confirmed the other shady looking man.



"What! He escaped from the van?" grumbled Inspector Souvik. Constable Avinaba stood in front of the table with his head held down.

"Sir we couldn't understand when he got off the van." said the young officer in a trembling voice.

Souvik lit up a cigar and took a deep puff. He spoke calmly-"Do you know how dangerous criminal Vimal Bhai is? Now listen..."
Before he could continue constable Sourav entered the room panting heavily.

"Sir A...Ari...Arijit... He has ganged up on Rajan...and... is accusing him of sheltering a covid patient. The whole village has gathered near Rajan's place. He may be mobbed any time."

"These people will never let me rest. At first Vimal Bhai and now these idiot villagers. I think I may bribe the higher ups for my transfer. Don't stand there like a gasping fool. Gather ten men. Avinaba accompany me. Sourav call the ambulance. We may need it to carry Rajan."

"This man will kill us I am saying," shouted Arijit.

"Rajan I thought you to be a responsible man. How can you hide a Covid patient in your house? You should have informed us we could have beaten him out from the village." said the priest in a wise tone.

Rajan stood amidst the crowd which could beat him anytime. He understood that arguing with the villagers was in vain. Seeing Rajan cornered Arijit happily suggested—"Let us all beat the crap out of him and the patient and then throw both of them out of the village." Unsurprisingly everyone agreed to the proposal and warmed up to teach Rajan a lesson.

"What is happening here?" Avinaba shouted from behind the crowd. The police had arrived on time. Rajan was relieved to see the police. He would not be mobbed now. Seeing the cops Arijit and his gang decided that it would be best to leave Rajan for now. Their revenge can wait a little longer. They vanished from the scene.

"Where is the patient?" asked Souvik in a disinterested tone. Rajan tried to speak to the officer. But ignoring Rajan, Souvik ordered his constables- "Search the house. Take the medical volunteers too. Avinaba clear the crowd. I am going back to the station. I need to rest." He was about to leave when a constable came running from inside the house-"Sirrr...V...V...Vi..." his face was all red with excitement. His blood raced through his veins.

"What are you mumbling?" asked Avinaba in an annoyed tone. He was angry with the attitude of his superior always dumped all the work on him. He was irritated.

"Vimal Bhai!!!" shouted the constable." He is lying unconscious in the house." Inspector Souvik stood frozen in his place. Avinaba was dumbfounded. Rajan couldn't understand anything but stayed grasping at both the officer's faces. No one spoke a word or move an inch. Then all of a sudden both the officers ran towards the house, stumbling over each other, fell but got up again and ran into the house.

After five minutes the police came back carrying the man in the suit. Rajan was too surprised to speak. While going back to the station

the Inspector said to Rajan," Good work young man. You have caught the notorious Vimal Bhai. You will get a reward of Rs. 50,000 from the government and we will get our promotions." The party of police left the scene with the crowd utterly shocked. Rajan stood like a stone statue unable to process what just happened. Laxmi's prayers could be heard from within the house- "O GOD THANK YOU FOR YOUR KIND GRACE!!!"

Debapratik Mandal XII A

# Nature takes advantage during COVID-19

As the transmission of novel corona virus (COVID-19) increases rapidly, the whole world adopted the curfew/lockdown activity with restriction of human mobility. The imposition of quarantine stopped all the commercial activity that greatly affects the various important environmental parameters which directly connected to human health. As all the types of social, economic, industrial and urbanization activity suddenly shut off, nature takes the advantages and showed improvement in the quality of air, cleaner rivers, less noise pollution, undisturbed and calm wildlife. This research aims to discuss the COVID-19 effect on the global environment. The outcome of this research says that "Although coronavirus vaccine is not available coronavirus itself is earth's vaccine and us humans are the virus". COVID-19 became the opportunity for the earth to build a clear blue sky and clean the air. During the period of lockdown newspapers report that the air is so clean you can see the snow-capped Himalayas from Jalandhar, hundreds of kilometres away — something not seen in decades. Delhi's air quality this March was the best it'd had in five years for hat month. Before COVID-19, all over the world are being suffered by a high level of urban air pollution especially in the form of CO2, SO2, NO2 and particulate matter. Our Lifelines - Rivers, you can see the surface of river Ganga, which could not be cleaned despite spending crores of rupees is now cleaner than ever as reportedly none of the industrial waste is being dumped in it. According to a report in HT, Ganga may be cleaner today, than it was in 1986 — the year when efforts to clean the river was first launched. And, a similar case is with Yamuna. Due to a blanket reduction in industrial pollutants, and increased discharge of water from Haryana to Delhi, a cleaner Yamuna is visible these says. Both the factors have increased the self-purification

Perhaps saddest of all is the realization that any breather the world may be getting now is only temporary. Greenhouse gas emissions are down, but the excessive volumes of CO2 that we have pumped into the air for decades will not disappear in a few days or weeks or even months of lockdown. This is an ever-expanding spiral of environmental degradation that we have brought upon ourselves. This short respite only serves to show us how poorly we have lived our lives so far, and to give a brief taste of how it could have been had we lived life differently. When the crisis winds its way out, and we return to the chaos and frenzy of urban living, will we remember that we have the right to see blue skies and faraway mountains, breathe clean air and listen to the chorus of birds? Or will we push these thoughts away, diving back into our computer screens, headphones plugged in? Tales of the world healing itself will remain just that — dreamy tales.



Illustration by Pushkar Das XB

অতিমারী ও লকডাউন

২০২০ সালের ২৪ মার্চ প্রথমবার শুনেছিলাম লকডাউন শব্দটা। তখনও কোভিড ১৯ নিয়ে তেমন কিছু ধারণা তৈরি না হলেও মনের মধ্যে একটা অজানা আতঙ্ক অবশ্যই তৈরি হয়ে গিয়েছিল।।অল্প অল্প করে কোভিড আক্রান্তের সংখ্যা বাড়তে বাড়তে এক সময় দাবানলের মতন রোগটা ছড়িয়ে পূড়তে শুরু করায় শুধুমাত্র আমি না, বহু মানুষই আতৃষ্কিত হয়ে পড়েন। খবুরের কাগজ,দূরদর্শন, বিভিন্ন সামাজিক মাধ্যম তো বটেই, এমনকি সবার মুঁথৈ মুখেও শুধুমাত্র করোনা ভাইরাসের কথা। পরিস্থিতি নিয়ন্ত্রণে আনতে লকডাউনই যে একমাত্র রাস্তা তা বেশ স্পষ্ট হয়ে গিয়েছিল।

এই লুকডাউনের শুরুর অভিজ্ঞতা খুব একটা ভালো নয় আমার। তখনও নিজের মন কে বুঝিয়ে উঠতে পারিনি যে আমাদের আতঙ্কিত নয়, বরং সাবধান হয়ে থাকঁতে হবে। চারিদিকে তাকিয়ে এক সময় তো এমনও মনে হঁয়েছিল যে এটাই বুঝি মানবজাতির অন্তিম পরিণতি। দূর সম্পর্কের ২-৩ জনের মৃত্যুর খবর সেই ভীতিটা আরও কিছুটা বাড়িয়ে দিয়েছিল। অতিমারীর পাশাপাশি স্কুলের সাথে একপ্রকার বিচ্ছেদ হয়ে যাওয়ায় অস্থির হয়ে উঠেছিলাম। ২৪ ঘন্টা চার দেয়ালের মধ্যে বদ্ধ থাকাটাও বেশ কষ্টকর ছিল। কিন্তু যত সময় এগোতে লাগল, তত আমিও চারপাশের পরিস্থিতির সাথে মানিয়ে নিতে শুরু ক্রলাম। এরই মাঝে একটা নতুনত্বের দেখা মিলল। বিভিন্ন শিক্ষা প্রতিষ্ঠান থেকে অনলাইন ক্লাসের ব্যবস্থা করা হলো, যদিও সেটা অফলাইন ক্লাসের মতন কৌতুহলোদ্দীপক ছিল না। অনলাইন ক্লাসের সাথে অনলাইন পরীক্ষা, এই ভাবেই পড়াশোনা চলল দীর্ঘ দু ' বছর। মাঝে মাঝে যে এই কম্পিউটার স্ক্রিনের দিকে চেয়ে থাকাটা মনে বিরক্তির সঞ্চার করত না, তা খুব একটা জোর গলায় বলতে পারব না। কারণ প্রায়ই অনলাইন ক্লাসে মনের মধ্যে অফলাইন ক্লাসের স্মৃতি গুলো এসে ভিড় জমাতো। যে স্কুলে না যাওয়ার জন্য একসময় বায়না জুড়তাম, তখন ঘরুবুন্দি অবস্থায় সেই স্কুলে যাওয়া টাই খাঁচা থেকে ছাড়া পাওয়ার সমান মনে হত। যখন বন্ধুদের সাথে খাবার ভাগ করে খাওয়া, খুনসুঁটি, ঝগড়া, গল্প–গুজর, হাসি–ঠাট্টা ইত্যাদি সব কিছু ফিরে পাওয়ার জন্য উতলা হয়েছিলাম ঠিক সেই সময় স্কুল খুলে যাওয়ার সুসংবাদ পেলাম। মনের মধ্যে নতুন করে একটা আলাদা উত্তেজনা আর আনন্দ কাজ করতে লাগল।



Illustration by Maheera Islam XB

Chandrima Das IXB

গত কয়েকমাস ধরে আবার আগের জীবনটা ফিরে পেয়ে যেন হাঁফ ছেড়ে বেঁচেছি। নানারকম চড়াই-উতরাই পার করে আজ গোটা বিশ্ব অতিমারী কাটিয়ে উঠেছে। এখন আর আগের মতন ভয় না পেয়ে সতর্ক হতে শিখে গেছি আমিও। আশা করব এখন যেমন সবকিছু স্বাভাবিক আছে, আগামী দিনেও তেমনই থাকবে।

কে ডাকে আমায় ?

কে ডাকে ..... কে গো .....

মনে হয় বারে বারে নাম ধরে

শুধু আমায় ডাকে

আমি বাঁশরী এ নাম আমার কোন অনন্ত কালের জানিনা, তবেকি বহুদিনু ঘুমিয়েছিলাম ? ঐ নীল পাহাড়ের কোলে, নাকি হারিয়ে গিয়েছিলাম কালের স্রোতে

কোথায় আমার ঘর কোথায় বা আমার শুরু .... মনেহয় ওই নীল আকাশের কোলে জন্ম আমার হ্যা হ্যা ওই সাদা কালো ভেসে যাওয়া তুলো–তুলো মেঘের দল, বুঝি ওরাই পারবে আমার কথা বলতে জানিনা ওই-যে ঝিলাম নদীর পাড়ে কে যেন থাকে মনেহয় ঝিলামের পরী, সাদা সাদা দুটি পাখনা মেলে

উড়ে বেড়ায় কাছে আসেনা শুধু দূর থেকেই ডাকে তবে কি পরী তুমি বারে বারে ডেকে যাও, নাকি নিধিবনে লুকিয়ে আছে আমার পরম পিতা, শ্রী নীল মাধব

কে ডাকে.... কে ডাকে আমায় এই হারিয়ে যাওয়া বাঁশরিকে নাও না ডেকে আমায় কত দিন তোমার সূরের জাদুতে ভাসিনি আমি আমি যে বাঁশরী, কে ডাকে..... কে ডাকে আমায়

Shrestha Ghosh XI A1

একটি গাছ একটি প্রাণ, কেউ তা বোঝো না, গাছের জন্য বেচেঁ আছি তাও জানো না, প্রখর রোদে গাছই হল প্রধান হাতিয়ার তবু ও কেন তার উপর এত অত্যাচার '?'

চার পাশের বাড়ি ঘর সবই দেখি ঘুরে, কাঠের তৈরি আসবাব পত্রে গৃহ গেছে ভরে গাছের ও তো প্রাণ আছে মানুষেরও তাই গাছ কাটা ও মানুষ কাটা পাৰ্থক্য তো নাই! গাছের ছায়ায় জুড়ায় কত পথিকের ও প্রাণ, তবু ও কেণ মোদের থেকে নেইকো পরিত্রাণI

মানুষেরই ঘন ঘটাই পৃথ্বী যে যাই ভরে, সেই চরনের ভিড়েতে আজ গাছশিশুরা মরে**।** কথা বলতে পারে না সে এটাই অপরাধ, অত্যাচার বেড়েছে তবু নেইকো প্রতিবাদI

Farina Sheikh IXA

कोविड १९

ज़िन्दगी एक सफ़र हैं जिस सफ़र से सबको गुजरना पड़ता हैं । कभी यह सफ़र अच्छा होता है तो कभी बुरा | बुरा सफर अपनी छाप छोड़कर चला जाता है - उन्हीं के छापों में से एक है- 'कोविड १९' कोविड १९ सिर्फ एक शब्द नहीं बल्कि एक गाँठ है जिसमें के लोगों की भावना, बुरे दिन, मुश्किलें और शोक समेटे हुए है। आखिर क्यों न समेटे रहते। यह एक बीमारी थी जिसमें के लोगों घर उजड़ गए | यह बीमारी सिर्फ छूने से फैलती है। जिंदगी का सफ़र इन चारदीवारी के पिछे रूक चूका था। जहाँ से निकलता था बेहद मुश्किल | पर इसके बावजूद भी कुछ लोग थे जो जिंदगी और मौत के बीच जूझ रहे थे | असली 'हिरोज़' इस दुनिया के डॉक्टर, नर्स, पुलिस, आर्मी के लोग और पता नहीं कितने लोग थे |

> मुश्किल थे वह दिन | जहाँ हर तरफ एक चीख थी । । जहाँ उम्मीद की पुकार थी। जहाँ सफर थम गया था ।। पर कुछ जादू सा चला चेहरे पर मुस्कान आई।। जो जिंदगी रुकी थी वो । फिर एक बार चलने लगी।।

> > Trisha Prasad XA & Illustration by Deep Mondal IXA

<u>We All Missed It..</u>

और इस मुश्किल का नाम है - कोविद १९

It is always not so easy to carry

things in life.
Life was fast-paced, we never slowed it down,
Until everything stopped when

Corona came to town... Now we learn with mom,

But we can not get back to our

teachers. We miss the rooms of our class,

We miss the rooms of our class,
We miss the teacher's punishment
outside of the class.
The prayer in the morning, sharing
tiffin with friends, the fun time
that we all had on the ground
during the games.
We all miss it throughout those

days..
We all had some social distancing things in our life during the Quarantine..

Now we are back to a new normal, But not too perfectly. Having hope in all our hearts...! The end is in sight, If we all stick together, We'll all win this fight.

Koyel Mondal XC

# First Rainfall Of The Year

Gray clouds gathering in the northern sky and scattering all over prisoning the golden light. The way the canopies bent down to welcome the rise of

sleeping beauty. The aggressive conversation

between the strong wind and roaring thunder,

In contrast greeneries singing with pleasant petrichor.

How majestic when our mother embraces herself with a white sheet,

the first rainfall after the terrible summer.

Mightier! The way it calms the angry disobedient atmosphere.

Moupiya Ghosh XIC



# O YOU KNOW ?

# RIDDLES

1. Q: You go at red But stop at green Guess me who am I?

2. Q: I can fly but have no wings I can cry but have no eyes Wherever I go, darkness follows me Guess me who am I?

3. Q: I'm where yesterday follows today and tomorrow is in the middle.

Guess me who am I? 4. Q: I am very fragile I can easily break

Even when you call my name Guess me who am I?

### ANSWERS:

1. Watermelon 2. Clouds 3. A dictionary 4. Silence

# SPELLATHON

## Unscramble-

- 1. The highest point of something: tnezih
- 2. Fear of foreigners or strangers: axpoienho
- 3. Showing or motivated by sympathy and understanding: eltbevnone
- 4. A mythical serpent with a head at each end: asmaiebnpah
- 5. Being confused, perplexed or flustered: zlefbzumu
- 6.Calm and gentle breeze: hrepzy
- 7. Someone who finds beauty in all things: socipthlail

### ANSWERS:

- 1. Zenith 2. Xenophobia 3. Benevolent 4. Amphisbaena
- 5. Bumfuzzle 6. Zephyr 7. Philocalist

DOWN

1. Land of Thunderbolts 2. Windy City

3. Queen of the Adriatic 4. Island of Cloves (3 words)

7. Pearl of Antilles 8. Granite City

9. Port of Five Seas Hermit

Kingdom

11. Land of the Golden

13. Eternal City or City of

Seven Hill 15. Pillars of Hercules 17. Stick Man of Europe

## Aratrika Mal XIIA

# **ACROSS**

2. Land of Maple

5. Land of Thousand Lakes 6. World's loneliest island 10. Herring Pond (2 words)

12. Land of Morning Calm 14. Venice of the North

16. Gift of Nile

18. Quaker City 19 Land of Midnight Sun

20.City of Dreaming Spires

Answers [DOWN]- (1)Bhutan; (2)Chicago; (3)Venice; (4)Zanzibar; (7)Cuba; (8)Aberdeen; (9)Moscow; (11)Australia; (13)Rome; (15)Gibraltar; (17)Turkey

Answers [ACROSS]- (2)Canada; (5)Finland; (6)Tristan da Cunha; (10)Atlantic Ocean; (12)Korea; (14) Stockholm; (16)Egypt; (18)Fhiladelphia; (19) Norway; (20)0xford

1. 'Mission Vatsalya', which was seen in the news, is a scheme implemented by which Union Ministry?

[A] Ministry of Women and Child Development

[B] Ministry of Education

[C] Ministry of MSME

[D] Ministry of Commerce and Industry

Correct Answer: [A] Ministry of Women and Child Development 2. Which state received approval for a USD 300 million World bank-funded school education project?

[A] Chhattisgarh

[B] Odisha [C] Karnataka

[D] Andhra Pradesh

Correct Answer: [A] Chhattisgarh

3.'Convention for the

Safeguarding of the Intangible Cultural Heritage (ICH)' is associated with which

institution? [A] UNICEF

[B] UNESCO

[C] World Economic Forum

[D] Centre for Cultural Resources and Training Correct Answer: [B] UNESCO

4. Which institution released the 'Global Findex database 2021'?

[A] RBI

[B] World Bank

[C] IMF

[D] World Economic Forum Correct Answer: [B] World Bank 5. Which city is the host of '2022 Global biodiversity

conclave'?

[A] Paris

[B] Bonn

[C] Geneva

[D] Davos

Correct Answer: [B] Bonn 6. Which company launched 'Startup School India (SSI)' initiative?

[A] Microsoft

[B] Google

[C] Amazon

[D] Meta

Correct Answer: [B] Google 7. Alluri Sitarama Raju' was a freedom fighter from which present day state?

[A] Tamil Nadu

[B] Kerala

[C] Andhra Pradesh

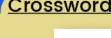
[D] Karnataka

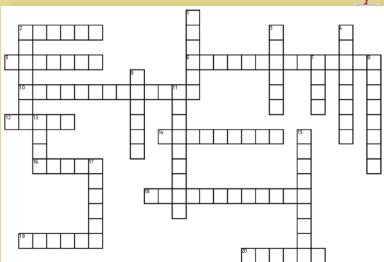
Correct Answer: [C] Andhra

Pradesh

Monomay Halder XA

# Crossword





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