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STUDENT EDITION

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WEB EDITION

TECHNOLOGY



Five things TO KNOW

It promises a new era of technology, but super-fast 5G networking is one of the factors that has put Sino-US relations into a tailspin. Recently, in response to the US sanctions on Huawei, Britain too ordered the staged dismantling of the equipment made by the Chinese telecom giant from its 5G network. Here are five things to know about the next generation of telecommunications...

1 It is the fifth-generation successor to 4G technology, which is a decade old, and struggling to keep pace with global broadband demand. The rollout of 5G promises radically quicker transfers of data, heralding major changes to an array of products and services—from self-driving cars to remote surgery. On the entertainment front, users will be able to download a high-definition movie in a few minutes, compared to an hour or two

2 It's not just about speed of downloads and uploads; 5G brings much lower "latency" than the 4G. In other words, the time lag between a command being sent by a user and a device acting on it will be reduced. It will help surgeons operating on patients from afar, using augmented reality glasses. Besides, the most visible gain from lower latency could be with the widespread advent of autonomous cars. But, these will need 5G networks to cover huge areas

3 The technology is already in wide use in South Korea and for fixed internet lines in some US cities. It is also available in parts of Europe and Asia.

4 According to mobile communications industry body, GSMA, only one in five mobile connections, will be running on 5G networks by 2025, globally. South Korea's Samsung and China's Huawei has already offered 5G-enabled smartphones; Apple is yet to launch a compatible model with 5G technology

5 To bring the promised speeds to the masses, 5G requires a whole new infrastructure of masts, base stations and receivers. Among the networking companies in the race are: Huawei, Sweden's Ericsson, Nokia of Finland, Samsung and NEC of Japan. Mobile operators are expected to spend \$1.1 trillion worldwide by 2025 in investment, 80 per cent of which will be on 5G networks, according to the GSMA.

Why have some governments banned the Huawei equipment? US intelligence agencies allege that Huawei has links with the Chinese government, and that its equipment could contain "backdoors" for use by government spies. However, no evidence has been produced publicly, and the firm has repeatedly denied the claims



THE CHALLENGES

According to experts, the forecasts highlight the huge challenges to the economic growth of a shrinking workforce, the high burden on health and social support

India's population may peak to 1.6 billion in 2048

Scientists have predicted that India's population may peak at about 1.6 billion in 2048, and decline by 32 per cent to around 1.09 billion in 2100, when it is also expected to be the world's most populous country

■ According to researchers, there may be dramatic declines in working age-populations in countries, such as India and China, which may hamper economic growth and lead to shifts in global powers

■ According to the study, the number of working-age adults in India is projected to fall from 762 million in 2017 to around 578 million in 2100, compared to that of China, where number of workers are estimated to decline from 950 million in 2017 to 357 million in 2100

■ It said that India may be one of the few major powers in Asia

The research also predicted huge shifts in the global age structure, with an estimated 2.37 billion individuals over 65 years globally in 2100, compared with 1.7 billion under 20 years

to protect its working-age population over the century

■ The world could be multi-polar at the end of this century, with India, Nigeria, China, and the US, emerging as the dominant powers, it added

According to the study, the world population will peak much earlier than previously estimated. It projects the peak at 9.73 billion in 2064, which is 36 years earlier than the 11 billion peak projected for 2100 by the UN report World Population Prospects last year

POINTS TO REMEMBER BEFORE YOU START BLOGGING



BLOGGING TAKES A LOT OF EFFORT: Do not be fooled into thinking for a moment that it's as easy as it looks. You need to put in time and energy into writing, rewriting, editing, researching, sourcing images, etc. Once published, you also have to spend time promoting your blog on various networks. Be prepared to work hard. Also, be prepared to not have much of an audience in the beginning

CHOOSE A NICHE: There are millions of blogs out there, and the only way to stand out in the noise is to have a niche and stick to it. You should write about something you are knowledgeable as well as passionate about, because that's the only way you will be able to produce good and engaging content

THERE IS NO HARM IN STARTING SMALL: If you are starting a blog for the first time, it is possible that you are not entirely sure how things will go. You might love it, or you might decide after a few weeks or months that blogging isn't really your thing. Hence start small with a free site.

NOTHING BEATS GREAT CONTENT: Your audience will come to you for what you write, not because you have a killer blog theme or a funny blog name. The best way to build an audience is to put up well-written and engaging content, and to do so consistently. Interesting content gets shared, and gradually expands your reach

YOU WILL NEED TO LEARN NEW THINGS: Unless you are already in a technical field, chances are that you will have to pick up a lot of new skills as you get serious about blogging. Every blogger needs to understand basic SEO and analytics, and keep abreast of the changes that keep happening courtesy Google. The good news is that there are a ton of resources out there offering tips and guidance

ALWAYS BE YOURSELF: Develop your own style and voice, and don't be afraid to say what you feel

FEEL GOOD

Israelis are hugging trees instead of humans to beat pandemic blues



Can't embrace friends and family these days? Hug a tree instead.

That is the message Israel's Nature and Parks Authority is spreading on social media to try to help people overcome the sense of detachment that coronavirus social-distancing rules can bring. "In this unpleasant corona period, we recommend people around the world to go out to nature, take a deep breath, hug a tree, express your love and get love," Orit Steinfeld, the authority's marketing director, said. At the Apollonia National Park, about 15 km north of Tel Aviv, tree-huggers are availing it gleefully.

Israel's tree-hugging campaign follows a similar endeavour launched in April by Iceland's forestry service

FASHION



Fashion week goes digital

The digital Paris Haute Couture Week in early July saw collections showcased through films, computer-generated imagery (CGI) models and socially-distanced boat rides.

■ It featured designers, such as Christian Dior, Giambattista Valli, Chanel, Maison Margiela and Valentino.

■ Before this, British Fashion Council's digital London Fashion Week featured interviews, podcasts, webinars and digital showrooms.

■ Digital fashion weeks are being hailed as an eco-friendlier alternative to the traditional shows that have a massive carbon footprint

NEWS IN BRIEF

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Canon, Epson and Nikon—three kids—live in a house called Click

The newly-built house of a photographer couple Ravi and Krupa Hongal in Belgaum, Karnataka, which resembles a giant DSLR camera, has become a sensation on social media. Named Click, the house is also home to three kids, Canon, Epson and Nikon.

■ The three-storeyed camera-shaped house located in Shastri Nagar is an expression of passion and love for the art of photography of the couple, whose children, three boys, have been named after the iconic camera brands.

■ Their names, 'Canon', 'Epson' and 'Nikon' feature prominently on the house, whose exterior resembles a camera. Just like a camera, the building has a glass window shaped as a viewfinder and another as a lens. It sports a wide film strip, a flash and even a memory card.



ODDLY-ENOUGH

■ The walls of the house walls and its interior have graphics related to photography

Roshni Nadar Malhotra is the new HCL Tech chairperson

India's third-largest software exporter HCL Tech has appointed Roshni Nadar Malhotra as its chairperson. HCL founder Shiv Nadar steps down as the chairman, but will continue to be the managing director and chief strategy officer of the company.



■ In 2013, Roshni Nadar was inducted as an additional director on the HCL Tech's board. This came four years after she was appointed on the board of HCL Corp, which is the holding company of HCL Technologies and HCL Infosystems

■ She graduated with a Masters in Business Administration from Kellogg, and has been closely involved with philanthropic works over the last decade.

'Star Wars: The Bad Batch' is coming to Disney Plus in 2021

A brand new animated series, 'Star Wars: The Bad Batch', will be coming to Disney Plus in 2021. The upcoming series will be a spinoff of the animated series, 'Star Wars: The Clone Wars,' which concluded its run on the streaming platform earlier in 2020. The series will be executive produced by Dave Filoni, who did the same for the 'The Clone Wars,' along with 'Star Wars: Rebels' and the live-action, 'The Mandalorian.'



ENTERTAINMENT

\$1.5 MILLION



FACTOID

The price of the original handwritten lyrics of Don McLean's song, 'Vincent', a tribute to the painter Vincent van Gogh, which is likely to fetch at an auction, according to Los Angeles-based rare documents dealer, Moments in Time. The lyrics, scrawled in pencil over 14 pages with deletions and additions, are being sold by a person who acquired them directly from the American singer-songwriter.

■ First released in 1971, 'Vincent' opens with the words, 'Starry, starry night'; it was inspired by the painter's famous work, 'The Starry Night.' McLean, now 74, has said that he was inspired to write it after reading a biography of van Gogh

■ 'Vincent' is McLean's most famous song after 'American Pie,' whose lyrics sold for \$1.2 million at an auction in 2015

■ The 'Vincent' lyrics were most recently seen in public, when McLean lent them to the Country Music Hall of Fame in Nashville for a 2018 exhibit



170-metre tall asteroid to fly by Earth on July 24



A huge asteroid is making its way towards our planet. According to NASA, the asteroid, dubbed as 2020ND, is believed to be one- and-a-half times larger than the London Eye (443-feet-high). It will come within 0.034 astronomical units (AU) of Earth. An astronomical unit is equal to about 150 million kilometres, or roughly the distance from the Earth to the sun

➤ The asteroid measures 170 metres, and will make a flyby next week on July 24, 2020

➤ Although gigantic, it is not going to hit our planet or cause any serious harm to us, claim scientists. It is simply going to fly near the Earth at a fast speed, they add

1 Name the largest asteroid to be discovered, till date

a) Ceres b) Vesta c) Pallas

2 Most of the asteroids are located between the orbits of-----

a) Venus and Earth



3 What is the most common type of asteroid?

a) Metallic b) Carbon c) Rocky

ANSWERS: 1 (a) 2 (c) 3 (b)

ARTS STUDENTS FARE WELL IN CBSE XII

Students across the city have done better than last year in the CBSE Class XII examinations, say most school authorities. The Humanities stream students have topped from their respective institutions, proving that hard work will always bring success.

From **BDM International** the toppers are Mahima Roy from the Humanities stream with 98%, followed by Arghya Deep Paul from the Science stream with 97.8%, Raka Mitra with 96.8% from the Commerce stream and Rashmi Kumari with 96.6% from FMM.

Souptik Sarkar, Anwesha Nasreen, Arkaprava Daripa, Aritra Das, Debasmita Biswas, Pritasmi Bhattacharyya Sanchari Ray, Neha Acharya and Raka Mitra were toppers in English with 98%. Ankita Saren topped in Bengali with 99% and Ujjwal Dutta topped in Hindi with 96%. Niloy Nath, Arghya Deep Pal and Naina Mandal got 100 in physical education. Sayantan Kundu got 100 in mathematics and Neha Acharya got 98% in physics, Koena Ghosh 96% in chemistry, Sandipan Chakraborty got 99% in biology, Soumalya Majumdar got 96% in technology, Arghya Deep Pal got 99% in computer science. Ankita Saren, Mahima Roy and Papri Das, all got 99 in geography and Ankita Saren also got 99% in sociology. Mahima Roy and Papri Das got 98% in mass media. Ditsa Roy and Papri Das got 99% in political science and Ankita Saren got 100 in History.

Vishnudath Varma, Unnati Agarwal, Chandrika Bhowal, Arka Ganguly Raka Mitra, Rashmi Kumari, Ankit Mishra, Ananya Ghosh, Saptamita Roy, Sonal Shukla, Sreejit Banerjee Chowdhur and Ananya Nandan got 95% in accountancy. Saptamita Roy got 98% in business studies. Shashank Shekhar & Ananya Ghosh got 98% in entrepreneurship, Mahima Roy 7 Sriшти Chakraborty got 99% in economics. Raka Mitra got 97% in informatics practices. Rashmi Kumari & Sreejita Das got 99% in financial market management. Sreejita Das also got 99% in banking.

From **Lakshmipta Singhania Academy** Chirag Surana is the Commerce topper with 98.4% followed by Shivam Agarwal and Purvi Kedia with 97.8% and Rohin Bhartiya with 97.2%. The Humanities topper is Sabarno Sinha with 97.8% followed by Rounak Chakraborty, Nayanika Chatterji and Sreejita Sarkar with 96.6% and Aman Himatsingka with 96.4%. In Science the topper is Upasana Panja with 97.2% followed by Prashansa Parwal with 97% and Tejas Arya with 96.8%. Altogether 128 students appeared for the examination out of which 97 secured above 90%. The school's average marks is 92.12%.

The toppers from **Birla High School** are Rayan Chakraborty with 495 marks and 99% followed by Kinjal Bhattacharyya with 490 and 98%. Rishab Agarwal and Naman Bhutoria got 489 each and 97.8%.

The toppers from the Commerce stream are Rishab Agarwal and Naman Bhutoria with 489 marks and 97.8%, followed by Aaryan Agarwal and Jatin Poddar with 488 marks 97.6% and Apur-



va Kumar Shroff who obtained 487 marks with 97.4%. The toppers from the Science stream are Kinjal Bhattacharyya with 490 marks and 98%, followed by Skand Sharma with 484 and 96.8% and Rishi Poddar, Harshit Agarwal, Tanmay Purwar and Suman Das with 482 and 96.4%.

The Humanities toppers are Rayan Chakraborty with 495 marks and 99%, followed by Ronit Basu and Shubhayan Dey with 474 and 94.8% and Shubhayan Bose with 473 and 94.6%. Altogether 203 students appeared for the exams, out of which 100% passed with first division. The average of the total marks obtained by the students is 89.66. Aman Kumar Shaw and Aaryan Agarwal got a 100 in economics, Kinjal Bhattacharyya got the same in chemistry, Apurva Kumar Shroff got a 100 in accountancy and Rayan Chakraborty in psychology.

Altogether 199 students appeared from **Sushila Birla Girls' School** of which 100 passed with first division. The average of total marks obtained is 89.85%. Rviti Bhattacharya got 100 in economics and Soniya Manek got 100 in psychology.

Altogether 208 students appeared for the class XII AISSE from **Shri Shikshayatan School** and all passed in first division (60% and above) where 207 passed with distinction (75% and above). The average percentage in Humanities is 87.52%, the average in Commerce is 90.30% and the average percentage in Science is 91.68.

The school toppers are Suhana Wasim from the Humanities stream with 98%, Sumaiya Shamim Kazi and Disha Tibrewal in Science with 97.2 and Averi Sahoo in Commerce with 97.2%. Suhana Wasim topped the school, Sumaiya Shamim Kazi came second, Disha Tibrewal third, Averi Sahoo was in fourth position with Khushi Kaseria in fifth place.

Disha Tibrewal and Eesha Rahman got a 100 in biology. Prateeti Ghosal and Suhana Wasim got a 100 in psychology. Siksha Jajodia, Zainab Vohra, Vanshika Agarwal, Sweta Gupta, Saptarna Mukherjee and Varsha Singh got a 100 in painting. Anwesha Pandit, Sampurna Sen, Eesha Rahman, Dibya Choudhary, Averi Sahoo and Yuna Fatma got 100 in physical education.

The toppers from **Delhi Public School Ruby Park** are Sreemanti Dey from the Science stream with 98.2%, Kinjal Ajmera from the Commerce stream with 98.8%, Shristi Ray from the Humanities stream with 97%.

Delhi Public School Durgapur saw 100% success in the AISSE 2020. The school topper is Arushi Bajoria with 97% followed by Emily Priyadarshini with 95.80% in the Science stream while Megha Saha is the Commerce topper with 96%. Twenty-seven students (34.18%) have secured 90% and above in the aggregate and 59 students (74.68%) have secured 80% and above in the aggregate. Five students got between 95%

and 100%, 22 got between 90% and 94%, 32 got between 80% and 89%, 18 got between 70% and 79% and 2 got between 60% and 69%.

The toppers from **Indus Valley World School** are Naukshatro Bose with 96.4% from the Science stream, Swastika Mukherjee with 93.8% from the Humanities, Soham Bose with 89.2% from Commerce. Altogether 96 students appeared, out of which 20 got above 90%, 48 got between 80 and 89% 28 got below 80%. One student got 97% in English Core, 14 got 95% in physics, 11 got 95% in chemistry, 5 got 95% in biology, one got 96% in mathematics, one got 99% in physical education, one got 94% in economics, 2 got 97% in computer science, one got 95 in political science, one got 95 in psychology and one got 94 in Bengali.

The toppers from **Khalsa Model Senior Secondary School** are Ravinder Kaur with 96% in Science and Kanhyalal Verma with 90.4% in Commerce. Altogether 138 students appeared in this examination. The pass percentage in Science is 100% and in Commerce is 99%. The overall pass percentage is 99.27%.

A total of 91 students appeared from **Techno India Group Public School, Konnagar**, out of which 24 students scored above 90%, five above 95% and 22 above 80%. The highest marks scored in Science is 99 (biology), the highest marks in Commerce is 98 (economics) and the highest marks in Humanities is 90 (history). The highest marks in English (core) compulsory is 97 and that in sixth subject additional is 96 (computer science). For mathematics, the highest is 98, in physics it is 95 and in chemistry it is 96. The toppers are Anoushka Bhowmick with 96.2% followed by Shaoni Parial with 96%, Somnath Bose and Aishi Das, both with 95.4%.

The toppers from **Techno India Group Public School Garia** are Nabendu Krishna Ghosh with 96% from the Humanities stream and Arunima Sen with 95.4% from the Science stream.

DAV Public School Chandrasekharpur has once again produced scintillating results with cent per cent pass and all-time highest school average of 90.48 in the Science stream. This has put the school at the top slot of Qualitative Performance Index QPI. Stitiprajna Sahoo with 98.6% marks topped in the school followed by Swagat Kumar Nayak with 97.8% and Sai Sunil Mahakud with 97.4% bagged 2nd and 3rd positions respectively. Total 112 students (31.11%) secured more than 95% marks, 237 i.e. 65.83% scored more than 90% marks, 351 i.e. 97.5% scored more than 75% marks. Many students got full marks 100 in mathematics, biology, physical education and fine art. In the Commerce stream, all 46 students achieved more than 60% marks, 5 more than 95%, 19 more than 90% and 42 more than 75% marks. The school average in the Commerce stream is 86.30. Ayuta Sahoo with 97.2%, Mahaprasad Sahoo with 96.8% and Hrishita Mishra with 96% bagged the first three slots in the school. In Humanities all 27 students secured more than 60% marks while 7 more than 95%, 12 more than 90% and 21 students secured more than 75% marks. Pratiti Das

with 97.6%, Ananya Nayak with 96.8% and Ayush Abhinandan Sahoo with 96.4% marks bagged the first, second and third positions in the school respectively. The school average of Humanities is 85.84. Students scored full marks in psychology.

Altogether 103 appeared for the class XII examinations from **Kendriya Vidyalaya, Maithon Dam, Dhanbad**, out of which 98 passed and the pass percentage is 95.15. The school toppers in Science are Abinash Mondal with 480 marks and 96%, followed by Omkar Kumar Shaw with 478 marks and 95.6% and Khushi Kumari with 474 marks and 94.8%. The Commerce toppers are Roshan Singh Bedi with 476 marks and 95.2%, followed by Suruti Gupta with 468 and 93.6%, Ruchika Garodia with 467 and 93.4%. The Humanities toppers are Raya Sengupta with 482 marks and 96.4%, Arya Anand with 480 and 96% and Sudipa Mondal with 474 and 94.8%.

The toppers from **Future Campus School** are Ritwik Ranjan Mallik with 95.2% and Prakriti Paul with 95.2% in Science. Trishita Ghosh with 94.4% in Commerce and Pradipta Chakraborty with 95% in Humanities. Two students, Debasmita Das and Prerana Sarkar, scored 100 in painting.

The toppers from **Techno India Group Public School Balurghat** are Arnab Sarkar who scored 96.4% in Science with a 100 in biology.

Sayantani Das scored 98.4% in Humanities with a 100 in political science. Madhurima Dey scored 96.4% in Science. Altogether 33 students appeared in Science, out of which nine got above 90%, 12 above 80%, 7 above 70% and 5 above 60%.

Altogether 18 students appeared from Humanities and the topper is Sayantani Das with 98.4%. Five got above 90%, 7 above 80%, 4 above 70% and two above 60%.

Other high scorers are Anumita Saha with 95.8%, Soham Roy with 95.6%, Priyanshu Das with 95.2%, Aditya Sarkar with 94.6% and Disha Ghosh with 94.6%.

The toppers from **Asian International School** from the Commerce stream are Madhurima Choudhury with 93.2%, followed by Anika Polley with 91% and Prayas Modi with 85%. The toppers from the Science stream are Rajarshi Basu with 95.4% followed by Anirban Samanta with 95.4, Sampri Sarkar with 95.2% and Soham Chatterjee with 94.4%.

The students of **Guru Teg Bahadur Public School** in Durgapur have passed the examinations with flying colours. Like previous years, the school has maintained its consistency in achieving 100% pass percentage. Anik Narayan Basu have scored 96% and has topped the Commerce stream. Sagar Das from the Science stream has scored 95.2%. Sanjukta stood first from the Humanities stream and has scored 94.8%. Over 60 students have scored more than 90%. The average marks of the students ranged from 70 to 80%. This year, two students — Aniruddha Das and Siddhant Mukherjee, students with special needs, have secured 87% and 70% respectively. Muskaan Shaw and Farheen Muktar have braved absolute poverty and scored 86.4% and 67.2%.

Gen X on being self reliant amidst a global pandemic

Millennial school children voice their opinions on the Prime Minister's Atmanirbhar Bharat Abhiyan launched recently

The cover on China-centric global supply chains has been blown by the pandemic. Companies who reaped until not long ago the profits of low-cost outsourcing have now awakened to the realisation of a highly centralised supply system.

The Atmanirbhar Bharat Abhiyan was launched on May 12 under the Rs 20 lakh crore economic package to address the same issue and prop up the middle class and help grow home industries, small scale industries, cottage industries and MSMEs that provide livelihood to crores of people. The Abhiyan has been hypenated with phrases like "vocal for the local" and "fend for yourself."

I conducted a survey among my friends to know how ABA is being perceived and here are my findings, along with some selected opinions: Out of the 27 people quizzed, 65% believe ABA is utilitarian whereas 35% believe it not of much use.

Richa Pragya: The ABA sounds appealing but is hollow sloganeering and does not address the issues of the manufacturing sector, rather it leaves the onus on the producers to scale up quality sans much impetus from the government. More work needs to be done on the economy, infrastructure, system, demography and demand factors to push MSMEs up the value chain.

Barbie Chhabra: With the change in the definition of MSME, the cabinet approved Rs 50,000 crore equity scheme and a provision for more loans of up to Rs10,000 for street vendors to boost eco-

nommic growth. The Personal Protection Equipment Industry of India has emerged to be the second largest after China. I believe, by ABA, slowly but surely we are moving towards a self-reliant India.

Oindrila Ghosh: This policy will enhance the sale of indigenous products and will restrict outflow of money to other foreign nations. It is high time all the citizens adopted nationalism in good ways, such as buying swadeshi products which will gradually replace the import items and will increase the demand for Indian products among Indians, which will eventually add up in creating more job opportunities for Indian youth. If this policy works out then India will again walk two steps forward internationally.

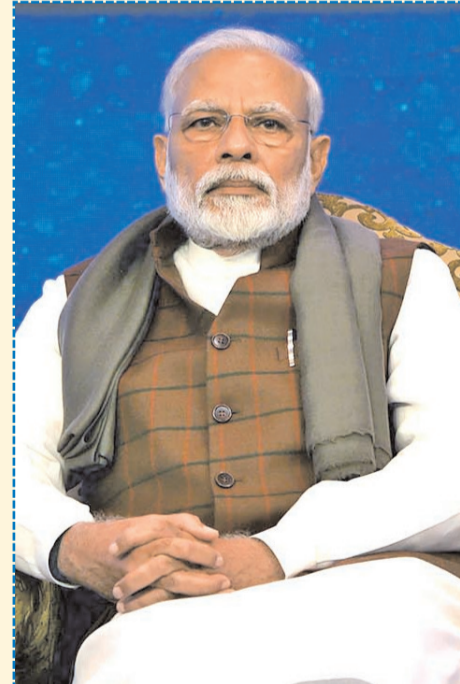
Arnab Mandal: The ABA is perhaps going to remould the overall economy of the country and international trade relationships. Not only is this going to boost the industrial fervour within the borders of the nation but also will recast India as a self-competent nation in the international arena in terms of production and economy. This move should ensure better and effective employment

of Indians in various sectors within the nation itself.

Chetna Dogar: I think ABA is a great initiative taken by our Prime Minister. The poor are getting direct money so it would be a shock absorber for those in stress. Also, long term reforms in growth-critical sectors to make them globally competitive and attractive. These steps may revive the economic activity, impacted by the Covid-19 pandemic and create new opportunities for growth in sectors like agriculture, micro, small and medium enterprises (MSMEs), power, coal and mining, defence and aviation, etc.

Arshdeep Singh: Taking up the required notations from the authority and accepting the required systematic approaches on the part of the country, as a citizen of India, provided the inequality of class, and fostering the economic development through the means which is beneficial for the GDP to grow and personal advantage of the people will lead to self-reliance.

Adarsh Agarwal: Atmanirbhar Bharat is a far-sighted vision but motionless. Atmanirbhar Bharat can be thought of as the 'Make in In-



dia' programme which was implemented in 2014 but failed to gain the boost it required. Comparing the imports in 2014 with that in 2019, we can see that there's a whopping \$158,127 million rise which is indicative of the fact that India is nowhere close to the fate it is destined to approach.

Harshit Gupta: I think it's a very progressive movement towards India becoming a self-sufficient nation. But the irony is that even in becoming Aatmanirbhar, India will need the help of bigger nations like the US and Russia. Overall, the movement is a great boost to the spirit of Indians to rebuild the economy.

Aditya Rajoria: A good initiative, but no planning/calculation has been done. No official statement has been given from the government regarding what brands should be bought and from where. If it includes using products made primarily in India, then most people don't have any idea about brands which have Indian origin. Awareness should be done from the government's side. A clearer picture is what I want.

Arkaprava Bhattacharyya: Atmanirbhar Bharat is a type of swadeshi movement

with minor differences. As we know that not a single country can produce everything that they need, they have to import something or the other. India also imports many foreign materials. The ABA will reduce the rate of import of foreign goods in India. Before the Covid-19 crisis, not a single local producer of India produced PPE kits, but after the pandemic many Indian producers started producing PPE kits in India. Now news is coming that Indian mobile company Micromax will bring a new model in India which will be Indian made. So ABA will raise our economy and I hope that we will see many foreign MNCs invest in India as FDI in the near future. The step which the government took is for sure a very good step.

Anandi Chatterjee: ABA is an excellent vision by our PM of making India self-reliant. This step shall enhance the private participation in several sectors. The greatest example is the PPE industry which has accelerated in huge amounts since March 2020, and has become the second largest after China.

Surmit Kumar: With proper planning, ABA can prove to be a gamechanging decision in making India a superpower. But the banking sector needs proper attention. After the Yes Bank case, I've seen people not trusting banks. The government has applied efforts to save Yes Bank. But public sectors like BSNL are running at a loss, while the shares of Air India and LIC have been sold!

Hiran Banerjee: Starting movements like these won't do much. We need more entrepreneurs in the country and the education system needs to change. Stop forcing people to be someone they are not and then this can scale up to be something you call "Aatmanirbhar". From the basic fundamentals of our society, we are always "nirbhar" on our parents, we are "nirbhar" on the education system and then are "nirbhar" on a boss in a job. Till the time the economy doesn't set in and people start exploring themselves and being self-aware, this mission is just a dream.

Sthapita Sutradhar: ABA is a great initiative which aims to empower the marginalised sections of the society that has been adversely affected by Covid-19. It is a boon to the middle class as it aims to enhance the growth potential of MSMEs. Promoting the Make in India scheme in the defence sector will make the country independent in terms of production and it is praiseworthy.

RISHAB DUTTA: The ABA is like a motivational book with a catchy title but lacking any true impact. The environment in India is not so business friendly and starting a movement without an actual plan from the government is more of an ambitious dream and less of a 'movement' in the true sense. The deciding factor will of course be whether the government actually means it because if it does, they're going to have to be much more serious.

Shourjya Samanta: The ABA though it promises a new thinking about an India centric growth innovation is nothing new. The ideology of India centric growth was Nehru's brainchild initially. There is also a lot of flash and pomp around the numbers especially the Rs 20 lakh crore figure. Its effectiveness in maintaining demand is questionable as its direct cash transfers is not enough as noted by many economists.

Jayita Poddar: ABA actually somewhat promotes Make in India 2.0, which is likely to succeed because as a part of it, numerous government decisions have been taken such as changing the definition of MSMEs, boasting scope of private participation in various sectors, etc. Also the call of India for boycotting Chinese goods seems a bit difficult as India imports a huge amount worth goods from China. But seeing the scenario in support of the movement, I feel it'll work well, however difficult it seems.

Jaspreet Singh: Building a substantial infrastructure, increasing the economy by accepting more of responsibility as a citizen, and molding the working of the system in a way which is convenient for people at large, as well as standardization in the vibrant demographic count will help India grow into a so called Aatmanirbhar Bharat.

Abhay Yadav: I feel the ABA is just words with no needs attached. India has a long history of sloganeering with little effect. More needs to be done to prop up domestic industries and overhaul global supply chains. The best thing about democracy is opinionating, so why not.

—Ashish Singh, Class XII, St Augustine's Day School, Barrackpore