



**MATHS**

**Polynomial**

- Q.1 Verify that  $x = 3$  is a zero of the polynomial.  $p(x) = 2x^3 - 5x^2 - 4x + 3$
- Q.2 For what value of  $k$ , is 3 a zero of the polynomial  $2x^2 + x + k$  ?
- Q.3 Find the zeroes of  $\sqrt{3}x^2 + 10x + 7\sqrt{3}$
- Q.4 Find the zeroes of the quadratic polynomial  $9x^2 - 6t + 1$  and verify the relationship between the zeroes and the coefficients.
- Q.5 If the product of the zeroes of the polynomial  $ax^2 - 6x - 6$  is 4, then find the value of  $a$ . Also find the sum of zeroes of the polynomial.
- Q.6 If the root of the quadratic polynomial  $2x^2 - 3x + p$  is 3, find the other root. Also, find the value of  $p$ .
- Q.7  $\alpha, \beta$  are zeroes of the polynomial  $x^2 - 6x + a$ . Find the value of  $a$ , if  $3\alpha + 2\beta = 20$ .
- Q.8 Find the zeroes of the quadratic polynomial  $3x^2 - 2$  and verify the relationship between the zeroes and the coefficients.
- Q.9 If one zero of the quadratic polynomial  $f(x) = 4x^2 - 8kx + 8x - 9$  is negative of the other, then find zeroes of  $kx^2 + 3kx + 2$
- Q.10 If one zero of the polynomial  $(k+1)x^2 - 5x + 5$  is multiplicative inverse of the other, then find the zeroes of  $kx^2 - 3kx + 9$ , where  $k$  is constant.
- Q.11 If sum of the zeroes of the polynomial  $5x^2 - (3+k)x + 7$  is zero, then find the zeroes of the polynomial  $2x^2 - 2(k+1)x + 30$
- Q.12 If product of the zeroes of the polynomial  $kx^2 + 41x + 42$  is 7 then find the zeroes of the polynomial  $(k-4)x^2 + (k+1)x + 5$
- Q.13 If  $\alpha, \beta$  are the zeroes of a polynomial, such that  $\alpha + \beta = 6$  and  $\alpha\beta = 4$ , then write the polynomial.
- Q.14 Find a quadratic polynomial whose zeroes are  $5 + \sqrt{2}$  and  $5 - \sqrt{2}$
- Q.15 If 2 and 3 are zeroes of polynomial  $3x^2 - 2kx + 2m$ , find the values of  $k$  and  $m$ .
- Q.16 If  $x^3 + x^2 - ax + b$  is divisible by  $x^2 - x$ , write the values of  $a$  and  $b$ .
- Q.17 Using division show that  $3y^2 + 5$  is a factor of  $6y^5 + 15y^4 + 16y^3 + 4y^2 + 10y - 35$
- Q.18 If the polynomial  $6x^4 + 8x^3 + 17x^2 + 21x + 7$  is divided by another polynomial  $3x^2 + 4x + 1$ , the remainder comes out to be  $(ax + b)$ , find  $a$  and  $b$ .
- Q.19 If  $-1$  and  $2$  are two zeroes of the polynomial  $2x^3 - x^2 - 5x - 2$ , find its third zero.
- Q.20 Find all the zeroes of the polynomial  $2x^3 + x^2 - 6x - 3$ , if two of its zeroes are  $-\sqrt{3}$  and  $\sqrt{3}$
- Q.21 If 1 and  $-1$  are zeroes of polynomial  $Lx^4 - Mx^3 + Nx^2 + Rx + P = 0$ , show that  $L + N + P = M + R = 0$ .
- Q.22 Given that  $x - \sqrt{5}$  is factor of the polynomial  $x^3 - 3\sqrt{5}x^2 - 5x + 15\sqrt{5}$ , find all the zeroes of the polynomial.
- Q.23 Find the polynomial of least degree which should be subtracted from the polynomial  $x^4 + 2x^3 + 4x^2 + 6x - 3$  so that it is exactly divisible by  $x^2 - x + 1$
- Q.24 What must be subtracted or added to  $p(x) = 8x^4 + 14x^3 - 2x^2 + 8x - 12$  so that

- $4x^2 + 3x - 2$  is a factor of  $p(x)$ ?
- Q.25 Obtain all other zeroes of the polynomial  $x^4 - 3\sqrt{2}x^3 + 3\sqrt{2}x - 4$ , if two of its zeroes are  $\sqrt{2}$  and  $2\sqrt{2}$
- Q.26 If  $\alpha$  and  $\beta$  are the zeroes of the quadratic polynomial  $f(x) = x^2 - px + q$ , then find the value of  $\alpha^2 + \beta^2$
- Q.27 If  $\alpha, \beta$  are the zeroes of the polynomial  $p(x) = x^2 - p(x+1) - c$  such that  $(\alpha+1)(\beta+1) = 0$ . What is the value of  $c$ ?
- Q.28 If the zeroes of the polynomial  $x^2 + px + q$  are double in value to the zeroes of  $2x^2 - 5x - 3$ , find the value of  $p$  and  $q$ .
- Q.29 If one zero of the polynomial  $(a^2 + 9)x^2 + 13x + 6a$  is reciprocal of the other. Find the value of  $a$ .
- Q.30  $\alpha, \beta$  are zeroes of the quadratic polynomial  $x^2 - (k+6)x + 2(2k-1)$ . Find the value of  $k$  if  $\alpha + \beta = \frac{1}{2}\alpha\beta$ .
- Q.31 If  $\alpha, \beta$  are zeroes of  $x^2 + 5x + 5$ . find the value of  $\alpha^{-1} + \beta^{-1}$
- Q.32 Determine  $\frac{3}{a}$  is a zero of the polynomial  $p(x) = \sqrt{x^2 - 4x + 3} + \sqrt{x^2 - 9} - \sqrt{4x^2 - 14x + 16}$
- Q.33  $\alpha, \beta$  and  $\gamma$  are zeroes of cubic polynomial  $x^3 - 2x^2 + qx - r$ . If  $\alpha + \beta = 0$  then show that  $2q = r$ .
- Q.34  $\alpha, \beta$  and  $\gamma$  are zeroes of polynomial  $x^3 + px^2 + qx + 2$  such that  $\alpha, \beta + 1 = 0$ . Find the value of  $2p + q + 5$ .

### **Probability**

- Q.1 A card is drawn at random from a well shuffled deck of 52 cards. Find the probability of getting a club.
- Q.2 A card is drawn at random from a well-shuffled pack of 52 cards. Find the probability of getting:
- (i) a red king, (ii) a queen or a jack
- Q.3 Three cards of spades are lost from a pack of 52 playing cards. The remaining cards were well shuffled and then a card was drawn at random from them. Find the probability that the drawn card is of black colour.
- Q.4 A bunch of 10 books contains 3 books on mathematics, 2 books on physics and the remaining are on chemistry. One book is selected at random. Find the probability that:
- (a) It is a chemistry book, (b) It is a physics book
- Q.5 Cards bearing numbers 1, 3, 5, ..., 35 are kept in a bag. A card is drawn at random from the bag. Find the probability of getting a card bearing:
- (a) a prime number less than 15, (b) a number divisible by 3 and 5.
- Q.6 A card is drawn at random from a well-shuffled deck of playing cards. Find the probability that the card drawn is:
- (i) a card of spade or an ace, (ii) a red king,  
(iii) neither a king nor a queen (iv) either a king or queen
- Q.7 An urn contains 9 red, 7 white and 4 black balls. A ball is drawn at random. Find the probability that the ball drawn is:
- (i) red (ii) white  
(iii) red or white (iv) white or black (v) not red.

- Q.8 All the three face cards of spades are removed from a well-shuffled pack of 52 cards. A card is then drawn at random from the remaining pack. Find the probability of getting:  
 (i) a black face card (ii) a queen (iii) a black card
- Q.9 From a well-shuffled pack of playing cards, black jacks, black kings and black aces are removed. A card is then drawn at random from the pack. Find the probability of getting  
 (a) a red card, (b) not a diamond card.
- Q.10 A box contains 19 balls bearing numbers 1, 2, 3, ....., 19. A ball is drawn at random from the box. What is the probability that the number of the ball is:  
 (a) a prime number (b) divisible by 3 or 5  
 (c) neither divisible by 5 nor by 10 (d) an even number.
- Q.11 Find the probability that a number selected at random from the numbers 1, 2, 3, ..., 35 is a:  
 (a) prime number (b) multiple of 7 (c) multiple of 3 or 5.
- Q.12 A bag contains 5 white balls, 7 red balls, 4 black balls and 2 blue balls. One ball is drawn at random from the bag. What is the probability that the ball drawn is:  
 (a) white or blue (b) red or black  
 (c) not white (d) neither white nor black
- Q.13 There are three children in a family. Find:  
 (a) the probability of at most one girl (b) the probability of at least one girl  
 (c) the probability that there is exactly one girl in the family.
- Q.14 Two dice are rolled once. Find the probability of getting such numbers on two dice, whose product is a perfect square.
- Q.15 19 cards numbered 1, 2, 3, ....., 19 are put in a box and mixed thoroughly. One person drawn one card from the box. Find the probability that the number on the card is:  
 (a) even (b) a prime (c) divisible by 3 (d) divisible by 3 and 2 both.
- Q.16 Two different dice are thrown at the same time. Find the probability that the sum of the two numbers appearing on the top of the dice is 7.
- Q.17 Two dice are thrown simultaneously. What is the probability that:  
 (i) 5 will not come up on either of them?  
 (ii) 5 will not come up on at least one?  
 (iii) 5 will come up at both dice?
- Q.18 Gugu throws a die. What is the probability that she shows:  
 (i) an odd number (ii) a number less than 5  
 (iii) a '6' (iv) a prime number  
 (v) a number greater than 27
- Q.19 A letter is drawn at random from the word 'MATHEMATICS'. Find the probability of drawing each of the different letters in the given word.
- Q.20 A card is drawn at random from a well shuffled deck of playing cards. Find the probability that the card drawn is:  
 (i) a card of spade or an ace. (ii) a black king  
 (iii) neither a jack nor a king (iv) either a king or a queen.
- Q.21 Honey goes to school either by a car driven by his driver or uses his bicycle. Probability that he will use the car is  $\frac{3}{7}$ .  
 (a) What is the probability that he will use his bicycle for going to the school?  
 (b) Monu is the best friend of Honey, which mode of transport should Monu suggest to Honey for going to the school and why?

## **S.St**

- Q.1 Every student has to compulsorily undertake any one project on the following topics :
- Consumer Awareness
- OR**
- Social Issues
- OR**
- Sustainable Development
- 
- Q.1 Describe any three majoritarian measures adopted by the Sri Lankan Government to establish Sinhala supremacy. [CBSE 2012]
- OR**
- Describe any three provisions of the Act which was passed in Sri Lanka in 1956 to establish Sinhala supremacy. [CBSE 2012]
- Q.2 Explain how Belgium was able to solve its ethnic problem. [NCERT]
- OR**
- Explain the Belgium's model for accommodation arrangement. [CBSE 2011]
- Q.3 Explain with examples the accommodative experience of Belgium for peace and harmony. [CBSE SP 2019-20]
- Q.4 Describe the horizontal power sharing arrangements. [CBSE 2020]
- OR**
- Differentiate between horizontal and vertical power sharing in modern democracies.
- Q.5 What are the different forms of power sharing in modern democracies ? Give an example of each of these.
- Q.6 Explain any five key features of federalism. [CBSE 2014]
- OR**
- Describe the main features of federalism [CBSE 2014]
- OR**
- Enlist any five features of federalism. [CBSE 2012, Delhi 2020]
- OR**
- Mention any five main features which makes India a federal country. [CBSE 2011]
- Q.7 How are the powers divided between the states and centre ? Explain with examples. [CBSE 2012]
- OR**
- Describe the three-fold distribution of legislative powers between the Union Government and State Governments of India. [CBSE 2012]
- OR**
- Describe the three-fold distribution of legislative powers between the Union Government and the State Governments. Who can make laws on the subjects which are not covered under these lists and what name has been given to such subjects ? [CBSE 2011]
- Q.8 What is a Gram Sabha? Describe any four functions of a Gram Sabha. [CBSE 2012]
- Q.9 Explain any five features of Panchayati Raj system in India. [CBSE 2012]
- Q.10 "Average income is useful for comparison but it may hide disparities." Support the statement with suitable arguments. [AI-2019]
- Q.11 What is sustainable development? Why is the issue of sustainability important for development? Explain. [CBSE 2015, 16]
- OR**
- Why is the issue of sustainability important for development? [Delhi 2020]

Q.12 Why is MGNREGA also called the right to work ? Explain [Delhi 2011]

**OR**

Explain the role of MGNREGA in creating employment for the people in India.  
[Delhi 2014]

**OR**

Why is MGNREGA also called the "Right to Work"? Mention any three reasons for it.  
[Delhi 2012]

**OR**

In your opinion, how far is it correct to say that MGNREGA 2005 as "Right to Work"  
[Delhi 2012]

Q.13 Distinguish between the public sector and the private sector. [Delhi 2020]

**OR**

Classify the sectors of economy on the basis of ownership.

**OR**

Using examples from your area, compare and contrast the activities a private and public sectors.

## **HINDI**

1. औपचारिक पत्र लेखन :-

- (1) किसी प्रतिष्ठित समाचार-पत्र के संपादक को पत्र लिखकर स्वास्थ्य विभाग के लापरवाह खैये के कारण खाद्य पदार्थों में मिलावट की समस्या गंभीर होने की ओर उनका ध्यान आकर्षित करें।
- (2) अपने मोहल्ले में वर्षा के कारण उत्पन्न जल-भराव की समस्या की ओर ध्यान आकृष्ट करने के लिए नगर-निगम के अधिकारी को पत्र लिखिए।

2. अनुच्छेद लेखन :-

- (1) पहला सुख-निरोगी काया
- (2) अंतरिक्ष में जीवन की कल्पना

3. लघुकथा लेखन :-

- (1) लालच बुरी बला हैं।
- (2) जान बची सो लाखो पाए।

## SCIENCE

1. Why is tungsten used for the filament in electric bulbs?
2. What should the heating element of an electric iron be made of - silver, nichrome or iron wire? Why?
3. Why are filament type electric bulbs not power efficient?
4. An electric iron of resistance  $10\ \Omega$  draws a current of  $6\ \text{A}$ . Calculate the heat developed in one minute.
5. Why does the connecting cord of an electric heater not glow while the heating element does?
6. Compute the heat generated while transferring  $9000$  coulomb of charge in one hour through a potential difference of  $12\ \text{V}$ .
7. Three conducting wires of equal lengths and equal diameters are first connected in parallel and then in series in an electric circuit. What will be the ratio of heat produced in parallel connection to heat produced in series connection?
8. A current of  $3\ \text{A}$  produces  $200\ \text{J}$  of heat in a given time. Calculate the heat produced in the same time if the current is increased to  $6\ \text{A}$ .
9.  $400\ \text{J}$  of heat is produced per second in a  $4\ \Omega$  resistor. Calculate the potential difference across the resistor.
10. Resistances of  $20\ \Omega$  and  $30\ \Omega$  are connected in series across a  $220\ \text{V}$  mains supply. What is the heat produced by the combination in  $5$  minutes?
11. If  $14.4\ \text{kJ}$  of heat is produced when a current of  $2\ \text{A}$  passes through a resistor for  $15$  minutes, what is the voltage across the resistor?
12. Electric light bulbs are not filled with air. Explain why. Also explain why nitrogen or argon is used in them.
13. Calculate the potential difference across a  $5\ \Omega$  resistor if  $80\ \text{J}$  of heat is produced in it per second.
14. What are the three factors on which the heat produced by an electric current depends? Also state how the heat produced depends on each factor.
15. Establish the relation between  $1\ \text{kWh}$  and the SI unit of energy.
16. A lamp rated  $100\ \text{W}$  at  $220\ \text{V}$  is connected to the mains electric supply.
  - (a) What amount of current is drawn from the supply line if the voltage is  $220\ \text{V}$ ?
  - (b) What is the resistance of the lamp?
17. An electric bulb draws a current of  $0.8\ \text{A}$  and works on  $250\ \text{V}$  for an average of  $8$  hours a day. If energy costs  $\text{₹ } 3$  per  $\text{kWh}$ , calculate the monthly bill for  $30$  days.
18. In a house, four  $60\ \text{W}$  electric bulbs are lighted for  $2$  hours and two  $100\ \text{W}$  electric bulbs are lighted for  $4$  hours everyday. Calculate the energy consumed in the house for  $30$  days.
19. Two identical resistances each of  $12\ \Omega$  are connected in (a) series, (b) parallel, in turns to a battery of  $6\ \text{V}$ . Calculate the ratio of power consumed in the combination of resistances in the two cases.
20. Define watt-hour. How many joules of energy are equal to  $1\ \text{Wh}$ ?
21. The rating of a mains socket is  $15\ \text{A} - 220\ \text{V}$ . What is the maximum power of the electrical appliance that can be connected safely to this supply?
22. State in which of the following cases, more electrical energy is consumed per hour :
  - (a) A current of  $2\ \text{A}$  passed through a resistance of  $100\ \Omega$
  - (b) A current of  $3\ \text{A}$  passed through a resistance of  $40\ \Omega$
23. Rating of a bulb is  $220\ \text{V} - 0.5\ \text{A}$ . Find its resistance and power.
24. The current flowing through an electric fan is  $0.5\ \text{A}$ . If the mains supply is  $230\ \text{V}$ , calculate the rate at which electrical energy is transferred by the fan.

1. Deduce the expression for heat produced in time  $t$  in a conductor of resistance  $R$ , which is carrying current  $i$ .
2. What is Joule's heating effect? List applications of Joule's heating effect in daily life.
3. (a) Define electric power. A device of resistance  $R$  is connected across a source of voltage  $V$ . It draws current  $I$ . Derive an expression for power in terms of voltage and resistance.  
 (b) An electric bulb is connected to a 200 V generator. The current is 0.5 A. What is the power of the bulb?

### MULTIPLE CHOICE TYPE QUESTIONS

1. A  $100\ \Omega$  resistance is connected to a 24 V battery. The heat generated per minute will be  
 (a) 345.6 J                      (b) 25 kJ                      (c)  $3.456 \times 10^6$  J                      (d) 5.76 J
2. If the current passing through an electric immersion heater is halved, the heat produced will become  
 (a) double                      (b) one-fourth                      (c) half                      (d) four times
3. Most of the electric power consumed in a filament type light bulb is in the form of  
 (a) visible light                      (b) ultraviolet rays                      (c) infrared rays                      (d) none of these
4. The characteristic suitable for a fuse wire is  
 (a) thick and short                      (b) high melting point  
 (c) lower resistance than rest of wire                      (d) thin and short
5. When a current 'a' flows through a wire of resistance 'b', the heat produced in time 'c' will be  
 (a)  $a^2bc$                       (b)  $ab^2c$                       (c)  $abc^2$                       (d)  $abc$

## **ENGLISH**

### **ASL TOPICS FOR CLASS – X -2021-22**

#### **TOPICS OF SPEECH (ASL)**

##### **Section : A & D**

<b>S.NO.</b>	<b>TOPICS NAME</b>	<b>STUDENT NAME</b>
1	Covid-19 – A pandemic	Aanchal Baid
2	Use of technology in this pandemic	Aayushi Jain
3	Mythological serials and their impact	Aditi Baid
4	Uniform / Dress code in schools	Aditya Singh
5	Importance of family	Akarshit Jain
6	Real Learning–Learning through experience.	Amisha Delu
7	Vegetarianism	Ansuiya Rathi
8	Social network–a source of positivity	Arushi Singh
9	Social network–a source of negativity	Avika Harsh
10	Significance of work from home.	Bharat Sewag
11	Need of love more than medicines for patients	Charu Tiwari
12	Positive face of lockdown	Divyain Pareek
13	Negative face / impact of lockdown	Devanshu Kochar
14	What is new normal?	Divyam Gulgulia
15	Role of T.V. during this lockdown	Himank Verma
16	Role of sanitation workers in society	Ipshita Buccha
17	Doctors are God.	Jaanvi Jain
18	Nursing : A noble profession	Jatin Jethwa
19	Self-medication is dangerous	Jaya Kothari
20	My country, My pride	Keshav Vyas
21	How to de – stress not distress	Kanupriya Kothari
22	Online classes	Khushee Soni
23	Adversely affected people due to lockdown	Lakshit Singhvi
24	Health is the supreme wealth	Lakshya Lakhotia
25	Importance of morning assembly	Mahi Gahlot
26	Importance of physical Education	Meghna Bothra
27	Dignity of labour	Mridul Pugalia
28	Digital India	Mukti Bhugari
29	Prevention is better than cure	Neha Pincha
30	Importance of home remedy	Nishant Chandak
31	Nature : Treasure of medicines	Niyati Kochar
32	Importance of communication skills	Nalin Mathur
33	Humanity : Above everything	Rahul Khatri
34	Charity begins at home.	Saket Baheti
35	Where there is will, there is way.	Shreyansh Karnani
36	Honesty is the best policy	Vaibhav Soni
37	India : On the way to become Global leader.	Vidit Surana
38	Corruption : A big problem in India	Vinni Chaudhary
39	Natural Disasters	Yashika Khatri
40	Man-made Disasters	Amrita Surana
41	Importance of Yoga	Anchal Kochar
42	Importance of discipline	Bhavy Tiwari
43	Qualities of a good leader	Bhumi Musraf
44	Tourism : Its role in economy of a country	CHARU GOYAL
45	Railways : Life line of India	Chelsi Bhansali



46	Artificial Intelligence and its significance	Chelsi Solanki
47	Are reality shows real ?	Chetna Soni
48	Cultural Pollution	Harshita Swami
49	Modern Gadgets : Time saver or time consumers	Hitesh Somani
50	Communalism : A termite gnawing our roots	Jignesh Rathi
51	Examinations : The Biggest Fear	JINESH BARADIA
52	Public speaking : A skill	Khushanshu Joshi
53	Real motive of Punishment	Khushee Bothra
54	Significance of leisure	Khushi Saraswat
55	Freedom and responsibility or duties	Kishti Kochar
56	Rights and duties of an individual.	Kritika Songara
57	Covid-19 : A pandemic	Kuber Mundhra
58	World on the verge of IIIrd world war	Lipika Kochar
59	Compassion, Generosity and charity : Importance virtues	Love Kumar Sharma
60	Easy to preach ; difficult to follow	Manas Balani
61	Covid-19 – A pandemic	Megha Ranga
62	Use of technology in this pandemic	Nandini Bissa
63	Mythological serials and their impact	Neha Nanda
64	Uniform / Dress code in schools	Nidhi Kochar
65	Importance of family	Nikhil Rakhecha
66	Real Learning–Learning through experience.	Nisha Baid
67	Vegetarianism	Prateek Soni
68	Social network–a source of positivity	Prince Tulsiyani
69	Social network–a source of negativity	Rashi Kochar
70	Significance of work from home.	Siddharth Dakalia
71	Need of love more than medicines for patients	Sneha Bharadwaj
72	Positive face of lockdown	STUTI BAJAJ
73	Negative face/ impact of lockdown	Subhash Tard
74	What is new normal?	Suhani Sethi (Jain)
75	Role of T.V. during this lockdown	Sujal Jain
76	Role of sanitation workers in society	Tanmay Dugar
77	Doctors are God.	Tripti Jhabak
78	Nursing : A noble profession	Vishakha Agarwal

<b>TOPICS OF SPEECH (ASL)</b>		
<b>Section : B &amp; C</b>		
<b>S.NO.</b>	<b>TOPICS NAME</b>	<b>STUDENT NAME</b>
1	Covid-19 – A pandemic	Aaryan Upadhyay
2	Use of technology in this pandemic	Aman Mahatama
3	Mythological serials and their impact	Anjali Lalwani
4	Uniform / Dress code in schools	Arpit Arora
5	Importance of family	Avika Bareth
6	Real Learning–Learning through experience.	Bhavya Kochar
7	Vegetarianism	Bhumi Daftari
8	Social network–a source of positivity	Bhumi Kochar
9	Social network–a source of negativity	Dev Agarwal
10	Significance of work from home.	DEVANSH PUROHIT
11	Need of love more than medicines for patients	Dhruv Gulgulia
12	Position face of lockdown	Dishant Pugalia
13	Negative face/ impact of lockdown	Harish Agarwal
14	What is new normal?	Isha Rampuria
15	Role of T.V. during this lockdown	Jaspreet Kour
16	Role of sanitation workers in society	Jay Agarwal
17	Doctors are God.	Jay Kumar Khatol
18	Nursing : Anoble profession	Jinisha Goyal
19	Self-medication is dangerous	Khushboo Surana
20	My country, My pride	Komal Sethia
21	How to de – stress not distress	Lakshita Bihani
22	Online classes	Lakshya Kochar
23	Adversely affected people due to lockdown	Lakshya Sharma
24	Health is the supreme wealth	Mahi Singhi
25	Importance of morning assembly	Nikhil Pancharia
26	Importance of physical Education	Palak Sethia
27	Dignity of labour	Parth Bithu
28	Digital India	Parth Khatri
29	Prevention is better than cure	Pratham Nanda
30	Importance of home remedy	Riddhi Swami
31	Nature : Treasure of medicines	Rishabh Sethia
32	Importance of communication skills	Rishi Porel
33	Humanity : Above everything	Samar Nahata
34	Charity begins at home.	Sanchali Songara
35	Where there is will, there is way.	Sayad Afsha
36	Honesty is the best policy	Swati Sharma
37	India : On the way to become Global leader.	Tanushree Surana
38	Corruption : A big problem in India	Vivan Mundhra
<b>39</b>	<b>Natural Disasters</b>	<b>Yashvi Jain</b>
40	Man-made Disasters	Abhay Banthia
41	Importance of Yoga	Aditi Banthia
42	Importance of discipline	Aditya Vishnoi
43	Qualities of a good leader	Akshay Ranka
44	Tourism : Its role in economy of a country	Bhagya Begani
45	Railways : Life line of India	Chhavi Golchha
46	Artificial Intelligence and its significance	Chirag Agarwal

47	Are reality shows real ?	Chirag Boda
48	Cultural Pollution	Durgesh Modi
49	Modern Gadgets : Time saver or time consumers	Harshit Parakh
50	Communalism : A termite gnawing our roots	Harshita Parakh
51	Examinations : The Biggest Fear	Ishan Kochar
52	Public speaking : A skill	Jinesh Tater
53	Real motive of Punishment	Kanika Mundhra
54	Significance of leisure	Keshav Binani
55	Freedom and responsibility or duties	Krishna Chhangani
56	Rights and duties of an individual.	Lakshya Pugalia
57	Covid-19 : A pandemic	Lakshya Swami
58	World on the verge of IIIrd world war	Lavanya Daga
59	Compassion, Generosity and charity : Importance virtues	Laxita Bhansali
60	Easy to preach ; difficult to follow	Mahi Nawlakha
61	Covid-19 – A pandemic	Monika Soni
62	Use of technology in this pandemic	Palak Rathi
63	Mythological serials and their impact	Piyush Sen
64	Uniform / Dress code in schools	Poorab Singhi
65	Importance of family	Prachi Soni
66	Real Learning–Learning through experience.	Prateek Sharma
67	Vegetarianism	Raghav Agarwal
68	Social network–a source of positivity	Rani Sipani
69	Social network–a source of negativity	Rishabh Soni
70	Significance of work from home.	Rishi Harsh
71	Need of love more than medicines for patients	Ritik Tater
72	Positive face of lockdown	Suhana Boda
73	Negative face/ impact of lockdown	Tanisha Agarwal
74	What is new normal?	Tanvi Panwar
75	Role of T.V. during this lockdown	Vaibhav Parakh
76	Role of sanitation workers in society	Yagini Gahlot