ENGLISH

Q1.   Write a paragraph on 'Labor Day'

Q2 .   You won the first prize in an inter school debate on   'Environment Pollution.' Write a diary entry describing your feelings.

Q3.   Write productive things being done by you in the time of Corona virus Quarantine.

Q4.   Read English newspaper daily and note down at least five main headlines.

Q5 .   Do one page hand writing every day .

Q6.   Give two Antonyms for each of the following words.

dull, strict, physical, friendship, accept, condemn.

Q7.   Change the following sentences in the passive form of the verbs. Follow the instructions given in the brackets.

a) The damaged property ------for by the government .(compensate/ use simple past tense)

b) Somebody ------- the invitation cards by tomorrow.(post/ use simple future tense)

c) Somebody ----- already -------- the police. (inform/ use past perfect tense)

d) These houses ------- by the end of this month. (demolish/ use future perfect tense)

e) A new tax on petrol ------- by the government. (announce/ use Present perfect tense)

Q8.   Correct the following sentences. There is an error in each of them.

a) I have not met my father from a long time.

b) The four friends distributed the money between them.

c) He has been suffering from fever from last Monday.

d) He jumped in the well to escape arrest.

e) The train will arrive in the station by the right time.

f) What are you looking?

Q9.   You are Ravi /Rita, the Cultural Secretary of ABC High School, Mysore. You have been asked to inform students of class IX to XII about an Inter School Dramatic Competition. Draft a notice for the students' notice board with all necessary details.

Q10.   Write an essay on 'Deforestation and Its Effects'

Q11.   Fill in the blanks with the' ing 'form of the verbs given in brackets. Write G for gerunds and P for participles in the space given for the new words you have made .

1. I heard the phone ------ (ring) but it stopped before I could pick it up.

2. I was thrilled to see Bhutiya make the ------- (win) gold in the final of the football match.

3.-------(travel)around the world is a great experience.

4. The food looked so delicious, I could not help ---- (taste)it .

5. He was tired of ------- (sit)in the lawn for too long hours.

6. I really would like ------ (meet) the great chess master ,Viswanathan Anand   .

Q12.   Write a letter to your younger brother advising him to read newspapers. Tell him why newspapers are necessary for education, how they bring not only news but opinions on social, economic and political subjects also .

Q13.   Describe your class before the arrival of your teacher.

Q14. **Fill in the blanks with suitable prepositions.**
   1. The policeman is -------- duty.
   2. I met a beggar --- the way.
   3. Father is ------ home.
   4. I was talking ------- my friend.
   5. He died -------- plague.
   6. She is proud ------- her beauty.
   7. I was surprised ------ his failure.

Q15. **Underline the clauses and state their kind.**
   1. They stayed at a hotel when it became dark.----------
   2. I will cook dinner only after I have tidied the house. ----------
   3. I wanted to know where he lives.------------
   4. Don't worry if I am late.---------
   5. My son, who is an engineer, has built this bridge. ----------
   6. Not one of the neighbors know when he left the house. ----------

Q16. Write a paragraph of not more than 150 words on 'What you dislike most and why?'

MATHS

Topic: Rational Numbers
1) **Fill in the blanks with the correct symbol:**
   i.   -3/7 ____ 6/-13   ii. 0 _____ -3/-5.

2) **Subtract 3/4 from 1/3, -7 from -4/7.**

3) **What number should be subtracted from -⅔ to get -1/6?**

4) **Find the additive inverse of 23/9 and -8/-7 ?**

5) **Find the value of (-4/9) -1.**

6) **Fill in the blanks:**
   i.   The reciprocal of a, where 'a' is not equal to 0, is____.
   ii.   Zero has_____ reciprocal.

7) **The product of two rational numbers is -9. If one of the numbers is -12, find the other.**

8) **Divide the sum of 65/12 and 8/3 by their difference.**

9) **Find 3 rational numbers between 4 and 5.**

10) **Find the area of a rectangular park which is 36 (⬚) m long and 16 (⅔) m broad.**

11) **Verify that -(-x) is the same as x for, x = 13/17.**

12) **Is 0.3 the multiplicative inverse of 3(1/3) ? Why or why not?**

13) **Find five rational numbers greater than -2.**

14) **Simplify: 3 + 5/-7 and 1 + -4/5**

15) Write the negative of each of the following:
   i.   7/-9
   ii.   -1
   iii. 0

16) What should be added to $(1/2 + 1/3 + 1/5)$ to get 3 ?
17) Simplify $5/6 + (-2/5) - (-2/15)$
18) Multiply: -11/13 by -21/7
19) Verify the property:
   i. $x \times (y + z) = x \times y + x \times z$ by taking: $x = -3/4$, $y = -5/2$, $z = 7/6$.

20) By what number should we multiply -8/13 so that the product may be 24 ?

21) Answer the following questions:
   (i)   Is there a rational number which is its own additive inverse? If yes, write that rational number.
   (ii) what is the standard form of 22/-25 ?
   (iii) Write an equivalent rational number of 27 with denominator 98.
   (iv) Write multiplicative inverse of -11/5
   (v)   Is the commutative law of division true for rational numbers ?

22) Represent the following rational numbers on number line -
   (a) -7/2   (b) 35/7
23) Write 5 rational numbers between 1/3 and 2/3
24) Taking some values of a & b, show that $la+bl \leq lal + lbl$
25) Arrange in ascending order   1/2, 4/5 , -2/3, -1/2, -5/7
26) If a = 3/4, b = -1/2 and c = 1/2 verify : (i) a+b =b+a (ii) a+c = c+a (iii)(a+b)+c = a+(b+c)
27) What should be subtracted from the product of 3/7 & 2/5 to get -4/35 ?
28) Simplify 11/2 x 7/33 x -5/7 x 9/19
29) One coin weighs 23/4 g .Find the weight of 12 such coins.
30) Which of the following statement are True & which are false:
i) $(a - b) \div c \neq a/c + (-b/c)$
ii)   Zero is not a rational number .

Topic: SQUARE AND SQUARE ROOTS

1-   Which of the following numbers are perfect squares?
      (a)3364   (b)4489   (c)4358

2-   Using the property of squares , find the value of the following.

      (a) $24^2 - 23^2$ (b) $50^2 - 49^2$ (c) $105^2 - 104^2$

3-   Without adding find the sum.
      (a)1+3+5+7+9   (b)1+3+5+7+9+11+13+15+17+19+21+23

4-   Find the square root of the following by prime factorization method.
        (a)1024   (b)8836   (c)8464

5-   Find the smallest number by which 2475 must be multiplied to get a perfect square .

6-   4096 soldiers are arranged in an auditorium in such a manner that there are as many soldiers in a
       row as there is rows in the auditorium. How many rows are there in the auditorium?

7-   Find the least perfect square exactly divisible by each one of the numbers 4, 5, 10.

8- Find the least square number exactly divisible by each one of the numbers 6, 9, 10, 15 and 20

9- Find the least number which must be added to 4215 to make it a perfect square.

10- Find the lest number which should be subtracted from 984 to make it a perfect square .Also find the square root of this perfect square.

11- The area of the square field is 8464 .A man takes 3 rounds of this field. Find the distance covered by him.

12- Find the square root of the following decimal numbers.
(a)72.25   (b)86.49   (c)75.69   (d)9.61   (e)0.16

SCIENCE

1) Write names and symbols of any two solid, liquid and gaseous elements found in nature.

2) Write any 5 basic characteristics of metals and non- metals .Give Examples

3) Define polymerisation and plastics.

4) Differentiate between-

(a) Thermoplastics and thermosetting plastics

(b) Synthetic and natural fibres

(c) State any two advantages and disadvantages of synthetic

(d) Fibres over natural fibres.

5) Define- (i) fossil fuels (ii) carbonization (iii) refining.

6) Draw a labelled diagram to show refining of petroleum.

7) Describe adverse effects of burning fossil fuels.

8) Name 5 states which produce coal, petrol and natural gas in India.

9) Define the following -
(a) Agriculture (b) Crop (c) Produce (d) Kharif crop (e) Rabi crop

10) Give the time period of the following
(a) Rabi crops (b) Kharif crops

11) Give two examples of Kharif crops and Rabi crops each.
12) Write an article on the following
a) How has science helped in crop production?

b) Traditional and modern agricultural practices

SOCIAL SCIENCE

FACTS TO KNOW:

On December 10,1948 the universal declaration of human rights was adopted. Every year, this day commemorated as 'HUMAN RIGHTS DAY 'or 'INTERNATIONAL HUMAN RIGHTS DAY . This day is observed by all the governments, every individual and united nations

1. **As a citizen of India, discuss and write about any two fundamental rights enjoyed by you. Write in10-15 lines.**
2. **List out any five fundamental duties of Indian citizen.**
3. **What are the duties you are performing as a citizen during the lock down period due to covid 19?**

FACTS TO KNOW

1) CONSTITUTION-It is a set of laws and rules on the basis of which a country is governed.
2) Ideals and principles laid in the constitution determine the structure, nature and duties of the government.
3) Guidelines given in the constitution helps to frame laws for different purposes.
4) Indian constitution comprises of 448 <u>articles</u> in 25 <u>parts</u> and 12 <u>schedules.</u>

Explanation of these three in short - Consider the constitution to be your social science book, as it consists of three units(3 subjects) similarly there are25 parts in the constitution. Each Unit of your book has certain chapters, in the same way each part of the constitution has certain articles

1. **Express in your own words the importance of constitution in a democratic country like India.(write answer in 5points with examples).**
2. **How many articles and schedules where there when the constitution was originally framed?**
3. **Find out and discuss at your home any two laws /act which are imposed during covid19?**

Q1. **Why is studying history essential? What kind of information can you get by studying the history of our country?**
Q2 . **What is contemporary history? How is modern history different from contemporary history?**

GK

1. **In which city in India would you find historic Mehrangarh fort?**
2. **Khajuraho temples where built by which ruler and located in which state?**
3. **Where is the National institute of virology situated in India?**
4. **What is the full form of ICMR and where is it located?**
5. **Sultan Azlan shah cup is related to which sport &played in which country?**
6. **Wimbledon tennis tournament is played on which type of surface& where?**
7. **Who is the author of Harry Potter series?**
8. **Name the highest literary award in India?**
9. **Vikram sarabhai space centre is located at which place?**
10. **Where is the headquarter of WHO located?**
11. **When is United Nation (UN) day celebrated?**
12. **Name the bird which cannot fly.**
13. **Which fruits give us oil?**
14. **Name the densest jungle of the world.**
15. **Which place is known as the tea garden of India?**
16. **Name the smallest bird.**
17. **Which is the largest ocean in the world?**
18. **Name the largest fresh water lake of India.**

19. **What does UPS stands for.**
20. **Name the birthplace of Netaji Subhash Chandra Bose**
21. **What is the boiling point of water?**
22. **Which state has taken Sanskrit as an official language?**
23. **Name the first female astronaut.**
24. **Who was the first Indian to go to space?**
25. **Write the name of the most populous cities of the following countries**
   Japan   Russia   Argentina   Egypt   USA   Brazil
   India   Indonesia   Turkey   South Korea   China   Egypt
26. **Write the brief description about the following prominent people. Also, Write the famous words said by them.**

William words worth	Abraham Lincoln
Vijaya Laxmi Pandit	Anne Frank
Albert Einstein	Rabindra nath Tagore
Helen Keller	Benjamin Franklin
George Bernard Shaw	Martin Luther King Jr.

LIFE SKILLS

Your cousins, living abroad, are coming for a week to your city .Plan an itinerary for them .Make a list of all those places you want to visit.

HINDI

प्र.1   भाषा की सबसे छोटी इकाई को क्या कहते हैं?

प्र.2   वर्णमाला कसे कहते हैं ?

प्र.3   क्ष, त्र, ज्ञ, श्र संयुक्त व्यंजनों से तीन–तीन नए शब्द बनाइए।

प्र.4   किसी 'व्यथा' (दुःख) को कहानी के रूप में अपने शब्दों में लिखिए।

प्र.5   संधि की परिभाषा लिखिए तथा संधि के भेद उदाहरण सहित समझाइए।

प्र.6   देष पर आई आपात स्थिति में समाज के लिए आप क्या योगदान कर सकते हैं? अपने विचार लिखिए।

SANSKRIT

1.मंजूषा समुचित पदानि चित्वा कथां पूरयत- (कहानी पूरी करें)

मनोरथैः पिपासितः उपायम स्वल्यम पाषाणस्य कार्याणि

उपरि सन्तुष्टः पातुम इतस्ततः कुत्रापि

एकदा एकः काकः .... आसीत। सः जलंपातुम् .... अभ्रमत ।परं .... जलं न प्राप्नोत ।अन्ते सः **एकं** घटम् अपश्यत। घटे .... जलम् आसीत ।अतः सः जलम् .... असमर्थः अभवत। सः एकम् .... अचिन्तयत। सः .... खण्डानिघटेऽक्षिपत। एवं क्रमेण घटस्य जलम् .... आगच्छत ।काकः जलं पीत्वा .... अभवत ।परिश्रमेण एव .... सिध्यन्ति न तु .... ।

2.विलोमपदानि योजयत–

क	ख
सार्थकः	आगच्छति
कृष्णः	श्वेतः
अनुक्तम्	सुप्तस्य
गच्छति	उक्तम्
जागृतस्य	निर्थकः

DRAWING

Draw a i) landscape ii) any theme based drawing and color it.

Craft (Best out of waste activity)

Prepare any craft with waste material available at home.