



# Delhi Public School Gwalior

(Under the aegis of DPS Society, New Delhi)

## Holiday Homework

### Class-VII



## SUBJECT – ENGLISH

Dear Children,

*It's time for strengthening family bond, cherishing old memories and having a good time together during these holidays. Keeping this in mind, here is your assignment through which you can keep your energies well directed and spend quality time with your family. Don't Forget to take good care of your health and hygiene and bring out a totally new concept of C.O.V.I.D. i.e. Create, Observe, Visualise, Initiate and Dream Big while working enthusiastically.*



**Wishing you an Innovative Summer Vacation!**

*Class Educator*

### Assignments to keep you busy

**(Attempt any two of the activities given below) :**

1. Know your elders : Write down two memorable experiences with each member of your family and mention three instances where they have helped you and express your gratitude by writing a 'Thank you note' for each of them, on any sheet available at your home.
2. Let's write: Lockdown gave everyone an opportunity to learn a new skill set / task. Write a diary entry in about 100 words explaining the activity which you mastered and enjoyed the most.
3. Poetry sans pen: In Literature we have many poetic devices to enhance the beauty of a poem and add rhythm to it. Use these devices to draft and record a poem of about 8-10 lines on any topic that fascinates you and share the same on the personal whatsapp number of the English Educator. (Originality will be preferred)
4. Creating Magic: Create a jigsaw puzzle or any other board game using adjectives and adverbs that you would use to describe each of your family member. You can make the best use of waste items available at home for the same.



## SUBJECT - HINDI



बच्चों इस बार का ग्रीष्मावकाश हर वर्ष की तरह आया तो है पर एक अलग रूप में। हर बार जहाँ बाहर घूमने की योजना बनाने व तैयारी करने आदि का उत्साह होता था वहीं इस बार पूरी मुस्तैदी से स्वयं को व अपने परिवार को घर में सुरक्षित रखना पहली जरूरत हो गई है।

### पहला सुख निरोगी काया

सारा विश्व कोरोना के खिलाफ जंग लड़ रहा है हम भी इसमें योगदान करते हुए घर पर रहें व अपना समय सकारात्मक कार्यों में उत्साह पूर्वक बिताएँ। मई –जून माह में आपको कुछ कार्य पूर्ण करने हैं जो इस प्रकार हैं—

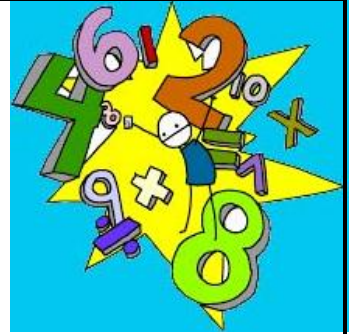
### ग्रीष्मकालीन अवकाश गृह कार्य हेतु सामान्य निर्देश –

1. आपके पास जो भी उत्तर पुस्तिका उपलब्ध हो, उस पर लिखित कार्य पूर्ण करें।
2. लिखित कार्य की जाँच आपकी रचनात्मकता, स्वच्छता, व्याकरणिक आधार प्रस्तुतीकरण, विषय वस्तु आदि पर आधारित होगी व उसी के अनुसार आपको अंक प्राप्त होंगे।

### कार्य विवरण –

1. महादेवी वर्मा की कहानियाँ 'गिल्लू' (<https://www.bharatdarshan.co.nz>) व 'गौरा' ([www.hindikahani.hindi-kavita.com](http://www.hindikahani.hindi-kavita.com)) पढ़िए, मनुष्य जीवन में पालतू पशुओं की उपयोगिता व प्रकृति में उनके महत्त्व पर मित्रों से चर्चा करें।
2. इस बार का ग्रीष्मावकाश बीते वर्षों के ग्रीष्मावकाश से किस प्रकार भिन्न रहा इस पर एक लेख लिखिए।
3. **Quarantine** (दूसरों से कुछ समय के लिए अलग रहना) में अपने परिवार के साथ रहते हुए क्या-क्या रचनात्मक करा व सीखा कहानी, कविता या चित्रकला द्वारा प्रदर्शित करिए।
4. आपकी दृष्टि में कोरोना से लड़ने वाले सच्चे सिपाही कौन हैं और क्यों? हमारा उनके प्रति क्या दायित्व बनता है? विस्तार से लिखिए।

## SUBJECT - MATHEMATICS



### General Instructions:

- 1) Solve the sums in a separate notebook or any diary.  
\* Use the stuff which is available at home.
- 2) Revise the tables from 2 to 20 every day.

### Multiple Choice Questions

- Q.1  $(-11) \times 7$  is not equal to  
(a)  $11 \times (-7)$  (b)  $-(11 \times 7)$  (c)  $(-11) \times (-7)$  (d)  $7 \times (-11)$
- Q.2  $(-10) \times (-5) + (-7)$  is equal to  
(a)  $-57$  (b)  $57$  (c)  $-43$  (d)  $43$
- Q.3 Which of the following is not the additive inverse of  $a$ ?  
(a)  $-(-a)$  (b)  $a \times (-1)$  (c)  $-a$  (d)  $a \div (-1)$
- Q.4 Which of the following is the multiplicative identity for an integer  
(a)  $a$  (b)  $1$  (c)  $0$  (d)  $-1$
- Q.5  $[(-8) \times (-3)] \times (-4)$  is not equal to  
(a)  $(-8) \times [(-3) \times (-4)]$  (b)  $[(-8) \times (-4)] \times (-3)$   
(c)  $[(-3) \times (-8)] \times (-4)$  (d)  $(-8) \times (-3) - (-8) \times (-4)$
- Q.6  $(-25) \times [6 + 4]$  is not same as  
(a)  $(-25) \times 10$  (b)  $(-25) \times 6 + (-25) \times 4$   
(c)  $(-25) \times 6 \times 4$  (d)  $-250$
- Q.7  $-35 \times 107$  is not same as  
(a)  $-35 \times (100 + 7)$  (b)  $(-35) \times 7 + (-35) \times 100$   
(c)  $-35 \times 7 + 100$  (d)  $(-30 - 5) \times 107$
- Q.8  $(-43) \times (-99) + 43$  is equal to  
(a)  $4300$  (b)  $-4300$  (c)  $4257$  (d)  $-4214$
- Q.9  $(-16) \div 4$  is not same as  
(a)  $(-4) \div 16$  (b)  $-(16 \div 4)$  (c)  $16 \div (-4)$  (d)  $-4$
- Q.10 Which of the following does not represent an Integer?  
(a)  $0 \div (-7)$  (b)  $20 \div (-4)$  (c)  $(-9) \div 3$  (d)  $(-12) \div 5$
- Q.11  $\frac{2}{5} \times 5\frac{1}{4}$  is equal to:  
(a)  $\frac{26}{25}$  (b)  $\frac{52}{25}$  (c)  $\frac{21}{10}$  (d)  $6$

Q.12  $3\frac{3}{4} \div \frac{3}{4}$  is equal to:

- (a) 3                      (b) 4                      (c) 5                      (d)  $\frac{45}{16}$

Q.13 A ribbon of length  $5\frac{1}{4}$  m is cut into small pieces each of length  $\frac{3}{4}$  m.

Number of pieces will be:

- (a) 5                      (b) 6                      (c) 7                      (d) 8

Q.14 The ascending arrangement of  $\frac{2}{3}, \frac{6}{7}, \frac{13}{21}$  is:

- (a)  $\frac{6}{7}, \frac{2}{3}, \frac{13}{21}$                       (b)  $\frac{13}{21}, \frac{2}{3}, \frac{6}{7}$                       (c)  $\frac{6}{7}, \frac{13}{21}, \frac{2}{3}$                       (d)  $\frac{2}{3}, \frac{6}{7}, \frac{13}{21}$

Q.15 Reciprocal of the fraction  $\frac{2}{3}$  is:

- (a) 2                      (b) 3                      (c)  $\frac{2}{3}$                       (d)  $\frac{3}{2}$

Q.16 The product of  $\frac{11}{13}$  and 4 is:

- (a)  $3\frac{5}{13}$                       (b)  $5\frac{3}{13}$                       (c)  $13\frac{3}{5}$                       (d)  $13\frac{5}{3}$

Q.17 The product of 3 and  $4\frac{2}{5}$  is:

- (a)  $17\frac{2}{5}$                       (b)  $\frac{24}{5}$                       (c)  $13\frac{1}{5}$                       (d)  $5\frac{1}{13}$

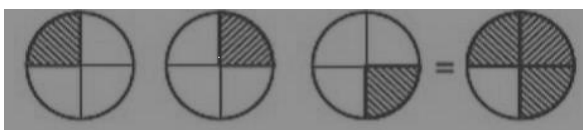
Q.18  $\frac{3}{7}$  of  $\frac{2}{5}$  is equal to

- (a)  $\frac{5}{12}$                       (b)  $\frac{5}{35}$                       (c)  $\frac{1}{35}$                       (d)  $\frac{6}{35}$

Q.19  $\frac{4}{5}$  of 5 kg apples were used on Monday. The next day  $\frac{1}{3}$  of what was left was used. Weight (in kg) of apples left now is

- (a)  $\frac{2}{7}$                       (b)  $\frac{1}{14}$                       (c)  $\frac{2}{3}$                       (d)  $\frac{4}{21}$






Q.20 The picture



interprets

- (a)  $\frac{1}{4} \div 3$                       (b)  $3 \times \frac{1}{4}$                       (c)  $\frac{3}{4} \times 3$                       (d)  $3 \div \frac{1}{4}$

**Reasoning Questions**

- Q.21 If  $40 + 10 = 30$ ,  $18 + 8 = 10$ , then  $60 + 60 = ?$   
(a) 120 (b) 3600 (c) 00 (d) 90
- Q.22 In the following question the letters of the words have been jumbled up. Find the word with the help of given clue.  
**A kind of vegetable**  
(a) OTRNH (b) PRECOP (c) OPTTAO (d) NZCI
- Q.23 Reena said, "The man going on the road is my mother's husband". How is the man related to Reena?  
(a) Brother (b) Son (c) Father (d) Uncle
- Q.24 In a four members family, R is the wife of P while L is the son of P and R. D is the grandson of P. How is D related to L?  
(a) Father (b) Son (c) Brother (d) Uncle
- Q.25 In a certain code language 'go there' is written as 'to po' and 'stay there' is written as 'mo po'. Find the code for 'there'.  
(a) lo (b) mo (c) go (d) po
- Q.26 If code of 'EF' is 'FG', then find the code of 'AB'  
(a) DE (b) BC (c) CB (d) BA
- Q.27 Find the odd one out.  
(a) 1234 (b) 6789 (c) 3456 (d) 2354
- Q.28 Find the image of  when the mirror is placed vertically.  
(a)  (b)  (c)  (d) 
- Q.29 If '+' is 'x', '-' is '+', 'x' is '÷' and '÷' is '-' then  
 $15 \times 5 \div 3 + 1 - 1 = ?$   
(a) -1 (b) -2 (c) 3 (d) 1
- Q.30 Never : Always :: Hate : .....  
(a) Go (b) Come (c) Do (d) Love

**Fill in the Blanks**

- Q.31 Rani ate  $\frac{2}{7}$  part of a cake while her brother Ravi ate  $\frac{4}{5}$  of the remaining. Part of the cake left is \_\_\_\_\_.
- Q.32 The reciprocal of  $\frac{3}{7}$  is \_\_\_\_\_.

Q.33  $\frac{2}{3}$  of 27 is \_\_\_\_\_.

Q.34  $\frac{4}{5}$  of 45 is \_\_\_\_\_.

Q.35  $4 \times 6\frac{1}{3}$  is equal to \_\_\_\_\_.

Q.36 If we multiply \_\_\_\_\_ number of negative integers, then the resulting integer is positive.

Q.37 If we multiply six negative integers and six positive integers, then the resulting Integer is \_\_\_\_\_.

Q.38 If we multiply five positive Integers and one negative integer, then the resulting Integer is \_\_\_\_\_.

Q.39 \_\_\_\_\_ is the multiplicative Identity for integers.

Q.40 We get additive inverse of an integer  $a$  when we multiply it by \_\_\_\_\_.

**State True or False**

Q.41  $[5 - (-8)]$  is same as  $(5 + 8)$ .

Q.42  $[(-9) + (-11)]$  is greater than  $[(-9) - (-11)]$ .

Q.43 Sum of two negative integers always gives a number smaller than both the Integers.

Q.44 Difference of two negative integers cannot be a positive integer.

Q.45 We can write a pair of integers whose sum is not an integer.

Q.46 Integers are closed under subtraction.

Q.47  $[(-23) + 47]$  is same as  $[47 + (-23)]$ .

Q.48 When we change the order of integers, their sum remains the same.

Q.49 When we change the order of Integers their difference remains the same.

Q.50  $[(-20) \times (5-3)] = [(-20) \times (-2)]$ .

Q.51 A reciprocal of a fraction is obtained by inverting it upside down.

Q.52 To multiply a decimal number by 1000, we move the decimal point in the number to the right by three places.

Q.53 To divide a decimal number by 100, we move the decimal point in the number to the left by two places.

Q.54 1 is the only number which is its own reciprocal.

Q.55  $\frac{2}{3}$  of 8 is same as  $\frac{2}{3} \div 8$ .

Q.56 The reciprocal of a proper fraction is an improper fraction.

Q.57 Every integer can be expressed as a fraction.

Q.58 Like decimals have the same number of decimal places.

Q.59 Natural numbers can be expressed as a proper fraction.

Q.60 The reciprocal of  $\frac{2}{7}$  is  $\frac{7}{2}$

**Match the following**

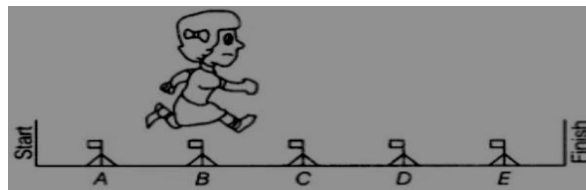
**Q.61 Column I**

- (a)  $a \times 1$
- (b) 1
- (c)  $(-a) \div (-b)$
- (d)  $a \times (-1)$
- (e)  $a \times 0$
- (f)  $(-a) \div b$
- (g) 0
- (h)  $a \div (-a)$
- (i) -a

**Column II**

- (i) Additive inverse of  $a$
- (ii) Additive identity
- (iii) Multiplicative identity
- (iv)  $a \div (-b)$
- (v)  $a \div b$
- (vi)  $a$
- (vii) -a
- (viii) 0
- (ix) -1

Q.62 In a hurdle race, Nidhi is over hurdle  $B$  and  $\frac{2}{6}$  of the way through the race, as shown in the given figure.



Then, answer the following:

- (a) Where will Nidhi be, when she is  $\frac{4}{6}$  of the way through the race?
- (b) Where will Nidhi be, when she is  $\frac{5}{6}$  of the way through the race?
- (c) Give two fractions to tell what part of the race Nidhi has finished, when she is over hurdle C.

Q.63 Sunita and Rehana want to make dresses for their dolls. Sunita has  $\frac{3}{4}$  m of cloth and she gave  $\frac{1}{3}$  of it to Rehana. How much did Rehana have?



- Q.64 How much cloth will be used in making 6 shirts, if each required  $2\frac{1}{4}$  m of cloth, allowing  $\frac{1}{8}$  m for waste in cutting and finishing in each shirt?
- Q.65 Divide:  
 (i) 235.41 by 1000                      (ii) 29.5 by 1000  
 (iii) 3.8 by 1000                        (iv) 0.7 by 1000
- Q.66 Family photograph has length  $14\frac{2}{5}$  cm and breadth  $10\frac{2}{5}$  cm. It has border of uniform width  $2\frac{3}{5}$  cm. Find the area of framed photograph.
- Q.67 Cost of a burger is ₹  $20\frac{3}{4}$  and of Macpuff is ₹  $15\frac{1}{2}$ . Find the total cost of 4 burgers and 14 macpuffs.
- Q.68 A hill,  $101\frac{1}{3}$  m in height, has  $\frac{1}{4}$ th of its height underwater. What is the height of the hill visible above the water?
- Q.69 If 5 is added to both the numerator and the denominator of the fraction  $\frac{5}{9}$ , will the value of the fraction be changed? If so, will the value increase or decrease?
- Q.70 Write each of the following as decimals:  
 (i)  $(\frac{8}{100})$   
 (ii)  $20 + (\frac{9}{10}) + (\frac{4}{100})$   
 (iii)  $23 + (\frac{2}{10}) + (\frac{6}{1000})$
- Q.71 Find the product:  
 (i)  $2.506 \times 1000$                       (ii)  $20.708 \times 1000$   
 (iii)  $0.0529 \times 1000$                     (iv)  $1000 \times 0.1$
- Q.72 A car covers a distance of 14.75km in one liter of petrol. How much distance it will cover in 15.5 liters of petrol?
- Q.73 In a class of 40 students,  $\frac{1}{5}$  of the total number of students like to eat rice only,  $\frac{2}{5}$  of the total number of students like to eat chapati only and the remaining students like to eat both. What fraction of the total number of students like to eat both?
- Q.74 Find the area of a rectangle whose length is 5.5m and breadth is 3.4m.
- Q.75 Evaluate the following, using distributive property.  
 (i)  $-39 \times 99$                               (ii)  $(-85) \times 43 + 43 \times (-15)$   
 (iii)  $53 \times (-9) - (-109) \times 53$       (iv)  $68 \times (-17) + (-68) \times 3$

Q.76 A fruit seller buys 712 fruits, of which  $\frac{3}{4}$  are apples. Of all the apples that he bought,  $\frac{1}{3}$  were found to be rotten. If he sold all the good apples at ₹  $5\frac{1}{4}$  each. How much money did he receive on selling all the good apples?

Q.77 A certain freezing process requires that room temperature be lowered from  $40^{\circ}\text{C}$  at the rate of  $5^{\circ}\text{C}$  every hour. What will be the room temperature 10 hours after the process begins?

Q.78 The table given below shows the elevations relative to sea level of four locations. Taking sea level as zero, answer the following questions:

Location	Elevation (In m)
A	-180
B	1600
C	-55
D	3200

- Which location is closest to sea level?
- Which location is farthest from sea level?
- Arrange the locations from the least to the greatest elevation.

Q.79 (a) Write a positive integer and a negative Integer whose sum is a negative integer.  
 (b) Write a positive integer and a negative integer whose sum is a positive Integer.

Q.80 The sum of two integers is -12. If one of them is 43, find the other.

Q.81 In a class test containing 10 questions, 5 marks are awarded for every correct answer and (-2) marks are awarded for every incorrect answer and 0 for each question not attempted.

- Ravi gets 4 correct and 6 incorrect answers. What is his score?
- Reenu gets 5 correct and 5 incorrect answers. What is her score?
- Heena gets 2 correct and 5 incorrect answers. What is her score?

Q.82 From given integers in Column I match an integer of Column II so that their product lies between -19 and -6:

Column I	Column II
-5	1
6	-1
-7	3
8	-2

Q.83 Write a pair of Integers whose product is -36 and whose difference is 15.

Q.84 Find the sum of:

- |                      |                      |
|----------------------|----------------------|
| (i) 153 and -302     | (ii) 1005 and - 277  |
| (iii) - 2035 and 297 | (iv) - 489 and - 324 |

Q.85 Evaluate

- |   |  |
|---|--|
| (i) $(-16) \times 12 + (-16) \times 8$          | (ii) $25 \times (-33) + 25 \times (-17)$ |
| (iii) $(-19) \times (-25) + (-19) \times (-15)$ | (iv) $(-47) \times 68 - (-47) \times 38$ |

## SUBJECT - SCIENCE



**Life is a matter of choices and every choice you make makes you**

**Choose any two projects out of three to attempt**

**A) During this lockdown time it's important to keep yourself physically fit and mentally active. Its right time to learn new things and spend quality time with your family. For this lets prepare the LOCKDOWN CAPSULE.**

**LOCKDOWN CAPSULE**

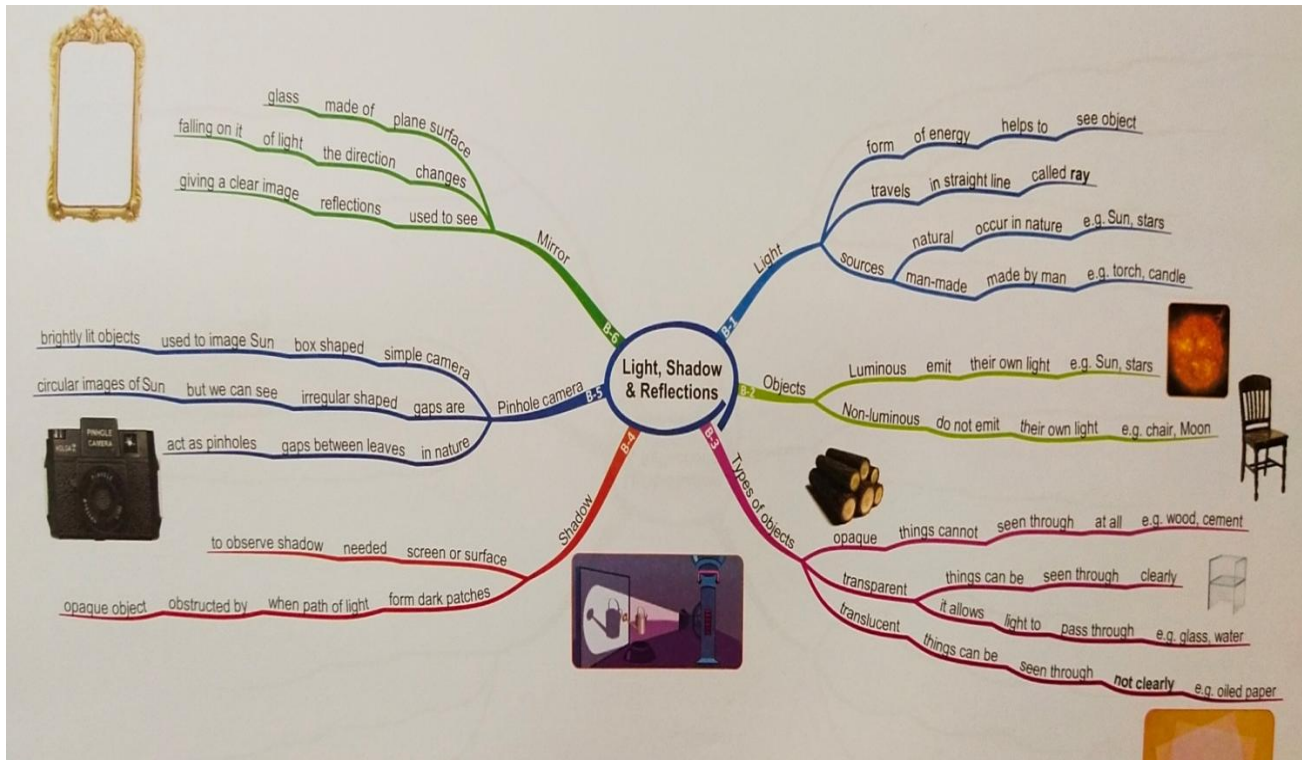
- \* Learn to prepare Mango shake/ Lemonade/Mock tail. Write the recipe including ingredients required and the procedure.
- \* Try to Tie a Tie. Mention the instructions step by step.
- \* Create a family game and write the name and rules of the game.
- \* Under the guidance of your mother learn to sew a button by hand. Prepare a flow chart showing the steps.

## POINTS TO BE NOTED

- \* All the activities have to be handwritten separately on the available sheets at home.
- \* Mandatory to prepare a project cover page along with your name, class and section mentioned on it

**B) Students, I am curious to share MIND MAP with you which will help you to learn the chapter in a short while.**

**Observe the sample and try to create mind map Chapter 1- NUTRITION IN PLANTS.**



## POINTS TO BE NOTED

- \* Has to be handwritten on available sheet at home.
- \* Mandatory to draw relevant pictures wherever required.
- \* Must to mention your name, class and section on the back side.
- \* Use sharp pointed pencil or black sketch pen /black gel pen to draw base lines and to write text.

**C) The World Health Organization has declared COVID19 a pandemic. Corona virus has transferred to humans from animals. According to the WHO, the most common symptoms this Corona virus causes are fever, tiredness and dry cough. Some patients may also have a runny nose, sore throat, nasal congestion and aches or diarrhoea.**



# SYMPTOMS OF CORONAVIRUS DISEASE 2019

Patients with COVID-19 have experienced mild to severe respiratory illness.



**Convert the body temperature of COVID 19 patients in**

a) degree Celsius( $^{\circ}\text{C}$ ) -  $98.6^{\circ}\text{F}$ ,  $104^{\circ}\text{F}$ ,  $107.6^{\circ}\text{F}$

b) degree Fahrenheit ( $^{\circ}\text{F}$ ) -  $35^{\circ}\text{C}$ ,  $37^{\circ}\text{C}$ ,  $41^{\circ}\text{C}$

## **POINTS TO BE NOTED**

- \* Show Conversions with proper usage of formula and unit.
- \* Use sheets easily available at home.
- \* Avoid using color pens.
- \* Mandatory to prepare a project cover along with your name, class and section mentioned on it.



## SUBJECT - SOCIAL SCIENCE



*Dear students, It's time to have a good time together during this holiday.*

*Keeping in mind:*

- H** - Hand sanitizing
- O** - Offer help to each other
- L** - Love your family
- I** - Inside the home
- D** - Don't go out
- A** - Avoid crowd
- Y** - Your awareness is a prevention

Here is your assignment, through which you can keep your energies well directed and spend quality time with your family. *And the most important thing, don't forget to take care of your health and hygiene during this pandemic.*

Let us all make a new concept of **COVID**. Let's try to be:

- C** - **Creative**
- O** - **Optimistic**
- V** - **Valiant**
- I** - **Inventive**
- D** - **Dexterous**

during this summer vacations.

### GENERAL INSTRUCTIONS:

- Credit will be awarded to original drawings and creative use of material available at home.
- The project needs to be developed and presented in this order. (all the pages should be handmade)
  1. Cover page showing project title, student information, school and Academic year.
  2. List of contents with page numbers.
  3. The last page should have Bibliography/ links from where you have collected your information.
  4. The project should have maximum word limit of 200 words.
  5. Try to use readily at home available materials.

## Details of the projects

1. Collect information about any one Prashasti (from NCERT or Internet) written during the medieval period and give details under the following headings:
  - Name of the ruler and duration of his reign.
  - Name of the writer/poet.
  - Language/script used.
  - Explanation/important points of the Prashasti.

OR

2. Explain different types of governments like monarchy, democracy, and dictatorship (give examples as many possible).

OR

3. Prepare a PPT including 5- 10 best slides on pandemic Covid-19 considering following heads:
  - Origin and its rapid spread in the world.
  - List of countries where it is highly communicable.
  - Symptoms of the infection.
  - Steps taken by governments of various countries to combat the disease.
  - Effect of Covid-19 on world & Indian economy.

**Note : Kindly submit all subjects' holiday homework (within 15 days) of the reopening of school.**

