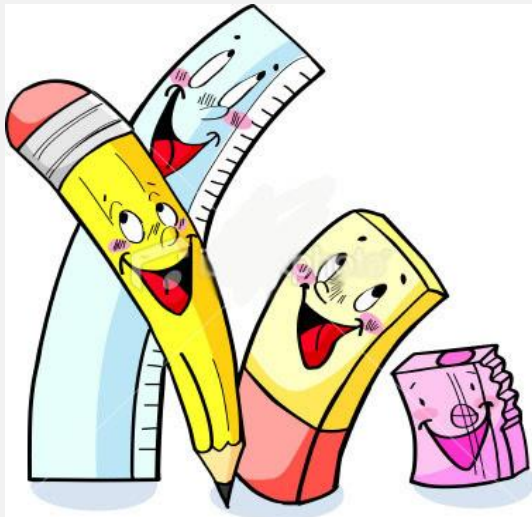


# HOLIDAY HOMEWORK.

CLASS VII  
( SESSION 2020 – 21 )

***“Creativity is not the finding of a thing, but the making something out of it after it is found. ”***





**Dear Parents**

**Greetings!**

**The academic session 2020-21 could not begin as the way we wanted it and even we couldn't welcome our students in their new class because of the pandemic Covid 19. We at MRV always strive to go extra miles for our students and try to provide them with quality education. Please find herewith the Holiday Homework for your ward to be done by them in your guidance. Hopefully, schools may start functioning in its normal course wef. 1.7.2020**

**All the phone numbers you are connected with will be operational during the vacation for your convenience.**

**Looking forward for your support and cooperation in future too.**

**Warm regards..**

## HINDI

[ ग्रीष्मकालीन गृहकार्य कक्षा - VII ]  
2020-21

हिंदी

- (i) प्रातिदिन एक सिलेबन करें। [रोल नं. 16047]
- (2) व्याकरण पाठ 1-10 अभ्यास पुस्तक में ही पूरा करें। [रोल नं. 16047]
- (3) कक्षा में गया पाठ्यक्रम की कारियां पूरी करें और सुनना भी करें।
- (4) A-4 शीट पर दो-दो खानियां लिखें। [रोल नं. 16023]
- (5) A-4 शीट पर 'दो आर्क' विषय पर कारियां लिखें। [रोल नं. 246047]
- (6) व्याकरण पुस्तक में pg 92 & 93 में से 16020 मुहावरों व्याकरण कारियां में करें। [रोल नं. 16047]
- (7) व्याकरण पुस्तक में से (pg 116) पत्र नं. (1) और (2) लिखें। रोल नं. [16047]

## ENGLISH

1. Read any novel and write its summary on coloured sheet.
2. Draft a poster highlighting the “Importance of staying inside our houses during the Lockdown”.
3. Take an interview of your grandparents and write it in a dialogue form on coloured sheet.
4. Make a small diary and write your every day experience in it. Try to make it as interesting as you can.

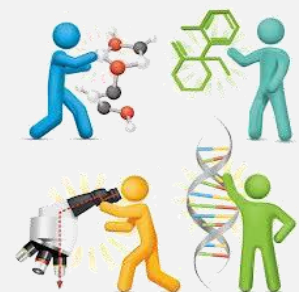


## SCIENCE

### 1. COVID-19 lockdown—A makeover for ‘Mother Nature’

- Collect information and write how the coronavirus pandemic is affecting the carbon dioxide emissions, how the rivers are much cleaner now, how the ozone layer is healing, how the animals are roaming freely on the streets- how nature is healing during the lockdown. Support your views by pasting pictures.
- Tap into your self-healing power and write various ways to boost your immune system.

2. To shed light on the above aspect of coronavirus, students will make ppt/video(3-4minutes) showing



comparative analysis of nature before and after lockdown.PPT/video should include following points:

- Introduction
- Information about Covid-19comparative analysis of nature before and after lockdown.
- Discover the new ways to keep the nature at its best.

**NOTE: Students need to submit the project personally to the teacher on whats app number. Write your name,class-sec,and rollno.**

3. Learn and revise all the syllabus covered till now.

### Social science



- A. **“If we continue to disturb the environment for our comfort, then it will make lives very uncomfortable for the future generations.”**Write a paragraph expressing your views on the above mentioned topic . (To be done in Geography notebook)
- B. Make chart on **any one topic** given below:
- **Interior of the Earth.**
  - **Sources of history**
  - **Public and Private health care services**

**C. 'Improvement in water and sanitation can control many diseases'.**

Make poster on the given topic.( to be done on A-3 size sheet)

**D. 'India is famous for its tourism'** Find out some tourist places and make a beautiful collage(to be done on A-3 size sheet)

**E. Make one Project file (nicely decorate) for doing the following work .Use A-4 size colored sheets .**

- ❖ Find out about any one government scheme that Government has launched. What does this scheme do? Whom is this scheme set up to benefit?(**Write atleast 2 pages**)
- ❖ Read the newspaper and identify articles reporting unequal treatment given to people and write few sentences to show how this is violation of human dignity in democratic India. Also, suggest some steps to put an end to such inequalities.Paste some pictures also.(**Write atleast 3 pages**)
- ❖ **Prepare a brief research report on COVID-19 virus outbreak. You may include the following points. (Write 5 pages atleast)**
  - Origin
  - Mode of Transmission
  - Symptoms
  - Preventive measures, giving DOs and DON'Ts.

**F. Learn and revise the chapters covered till now.**

## SANSKRIT

Date

### संस्कृत ग्रीष्मभावकाश कार्य

- 1) दौ - दी हास्य कविता संस्कृत में (हिन्दी अनुवाद) सहित लिखे।
- 2) 1 से 30 तक गिनती संस्कृत में लिखें व याद करें।
- 3) धातु रूप → पठ्, वद्, लिख्, हस्, गम्, वृश्, चल् (लट् व लृट् लकार) में लिखे।
- 4) शब्दरूप → नदी, अति व पिता के शब्द-रूप लिखे व याद करें।
- 5) मम परिचय संस्कृत में लिखे व याद करें।
- 6) किन्हीं पाँच फल, सब्जियों, पशु, पक्षियों व फूल व रंगों के नाम चित्र सहित लिखे।
- 7) संस्कृत श्लोक से ससज्जित एक बुक मार्क का निर्माण करें।  
(अलग से पुस्तिका (Notebook) बनाए)

**M.R.V. Model School,Sec-13,Dwarka**

**HOLIDAY HOMEWORK**

**CLASS- VII**

**SUBJECT – MATHS**

- (i) Do lab activity of ch-1,2and 3 in School Maths Lab File.
- \*Properties of Integers
  - \*Product of two fractions by activity method
  - \*Product of two decimal numbers
  - \* Construct a double bar graph of information about no. of corona cases of COVID-19 in top 6 countries in the month of April and May.(Use different colors for different countries)
- (ii) Make a List of Total 20 such (a) Numbers /(b) group of numbers which has some specific properties. Eg
- (a) Numbers (In A4 or A3 sheet)
- 0 is additive identity
  - 2 is only even prime number
  - 4 is first composite number
- (b) Group of numbers ( Make a Calender of minimum 10 groups of numbers)
- List of Prime no. (1-50)
  - List of Square number(1-25)
  - List of Pythagoras triplets (any 5)
- (iii) Do the following assignment in separate notebook
- Enjoy your holidays to the maximum but at the same time be sincere and loyal to studies.

**STAY SAFE AT HOME**





**CLASS – VII: CHAPTER – 1**  
**INTEGERS**

1. Write the opposite of each of the following:  
(i) Increase in class strength (ii) going north (iii) A loss of Rs 1000
2. Indicate the following by integers:  
(i) 25° above zero (ii) 5° below zero (iii) 300m above the sea level  
(iv) 250m below the sea level (v) A profit of Rs. 2000
3. Represent the following integers on number line:  
(i) -4 (ii) 7 (iii) -8
4. Write all the integers between:  
(i) -7 and 3 (ii) -2 and 2 (iii) -4 and 0
5. How many integers are between:  
(i) -4 and 3 (ii) 5 and 12 (iii) -9 and -2
6. Represent the following using integers with proper sign: (a) 3 km above sea level (b) A loss of Rs 500
7. Find the sum of the pairs of integers: (a) -6, -4 (b) +3, -4 (c) +4, -2
8. Find the sum of -2 and -3, using the number line.
9. Subtract : (i) 3 from -4 (ii) -3 from -4
10. Using the number line, subtract : (a) 2 from -3 (b) -2 from -3.
11. How many integers are there between -9 and -2 ?
12. Calculate:  $1 - 2 + 3 - 4 + 5 - 6 + 7 - 8 + 9 - 10$
13. The sum of two integers is 47. If one of the integers is -24, find the other.
14. Write the digits 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9 in this order and insert '+' or '-' between them to get the result (a) 5 (b) -3
15. Compute each of the following:  
(a)  $30 + (-25) + (-10)$  (b)  $(-20) + (-5)$   
(c)  $70 + (-20) + (-30)$  (d)  $-50 + (-60) + 50$   
(e)  $1 + (-2) + (-3) + (-4)$  (f)  $0 + (-5) + (-2)$   
(g)  $0 - (-6) - (+6)$  (h)  $0 - 2 - (-2)$
16. If we denote the height of a place above sea level by a positive integer and depth below the sea level by a negative integer, write the following using integers with the appropriate signs:  
(a) 200 m above sea level (b) 100 m below sea level  
(c) 10 m above sea level (d) sea level
17. Write the opposite of each of the following:

**CLASS – VII: CHAPTER – 2**  
**FRACTIONS AND DECIMALS**

1. Fill in the blanks:

(a)  $\frac{11}{16} \dots \frac{14}{15}$

(b)  $\frac{8}{15} \dots \frac{95}{14}$

(c)  $\frac{12}{75} \dots \frac{32}{200}$

2. Ali divided one fruit cake equally among six persons. What part of the cake he gave to each person?

3. Express  $\frac{11}{20}$  as a decimal.

4. Express  $6\frac{2}{3}$  as an improper fraction.

5. Express  $3\frac{2}{5}$  as a decimal.

6. Express 0.041 as a fraction.

7. Express 6.03 as a mixed fraction.

8. Arrange the fractions  $\frac{2}{3}, \frac{3}{4}, \frac{1}{2}$  and  $\frac{5}{6}$  in ascending order

9. Arrange the fractions  $\frac{6}{7}, \frac{7}{8}, \frac{4}{5}$  and  $\frac{3}{4}$  in descending order.

10. Write  $\frac{3}{4}$  as a fraction with denominator 44

11. Write  $\frac{5}{6}$  as a fraction with numerator 60

12. Write  $\frac{129}{8}$  as a mixed fraction.

13. Add the fractions  $\frac{3}{8}$  and  $\frac{2}{3}$ .

14. Add the fractions  $\frac{3}{8}$  and  $6\frac{3}{4}$ .

72. Express in kg:  
(i) 200 g (ii) 3470 g (iii) 4 kg 8 g (iv) 2598 mg
73. Write the following decimal numbers in the expanded form:  
(i) 20.03 (ii) 2.03 (iii) 200.03 (iv) 2.034
74. Write the place value of 2 in the following decimal numbers:  
(i) 2.56 (ii) 21.37 (iii) 10.25 (iv) 9.42 (v) 63.352.
75. Express as rupees using decimals.  
(a) 5 paise (b) 350 paise (c) 2 rupees 60 paise (d) 5 rupees 9 paise
76. Express as metres using decimals.  
(a) 15 cm (b) 8 cm (c) 2 m 15 cm (d) 3 m 70 cm
77. Express as cm using decimals.  
(a) 25 mm (b) 5 mm (c) 176 mm (d) 4 cm 5 mm
78. Express as km using decimals.  
(a) 6 m (b) 55 m (c) 4545 m (d) 6 km 50 m
79. Express as kg using decimals.  
(a) 8 g (b) 160g (c) 7550 g (d) 6 kg 80 g (e) 5 kg 20 g
80. Express each of the following without using decimals:  
(a) Rs.5.25 (b) 8.354 g (c) 3.5cm (d) 3.05km  
(e) 7.54m (f) 15.005 kg (g) 12.05m (h) 0.2m
81. Shyama bought 5 kg 300 g apples and 3 kg 250 g mangoes. Sarala bought 4 kg 800 g oranges and 4 kg 150 g bananas. Who bought more fruits?
82. How much less is 28 km than 42.6 km?
83. The side of an equilateral triangle is 3.5 cm. Find its perimeter.
84. The length of a rectangle is 7.1 cm and its breadth is 2.5 cm. What is the area of the rectangle?
85. A two-wheeler covers a distance of 55.3 km in one litre of petrol. How much distance will it cover in 10 litres of petrol?
86. Find the area of rectangle whose length is 5.7cm and breadth is 3 cm.
87. Find the average of 4.2, 3.8 and 7.6.

**CLASS – VII: CHAPTER – 3**  
**DATA HANDLINGS**

1. A batsman scored the following number of runs in six innings:  
36, 35, 50, 46, 60, 55  
Calculate the mean runs scored by him in an inning.
2. Ashish studies for 4 hours, 5 hours and 3 hours respectively on three consecutive days. How many hours does he study daily on an average?
3. Find the mean of first five natural numbers.
4. Find the mean of first six odd natural numbers.
5. Find the mean of first seven even natural numbers.
6. Find the mean of first five prime numbers.
7. Find the mean of first six multiples of 5.
8. Find the median of first 15 odd numbers.
9. Find the median of first 10 even numbers.
10. Find the median of first 50 whole numbers.
11. Find the median of 3, 11, 7, 2, 5, 9, 9, 2, 10.
12. Find the median of 9, 25, 18, 15, 6, 16, 8, 22, 21.
13. The ages in years of 10 teachers of a school are:  
32, 41, 28, 54, 35, 26, 23, 33, 38, 40
  - (i) What is the age of the oldest teacher and that of the youngest teacher?
  - (ii) What is the range of the ages of the teachers?
  - (iii) What is the mean age of these teachers?
14. A cricketer scores the following runs in eight innings: 58, 76, 40, 35, 46, 45, 0, 100.  
Find the mean score.
15. The marks (out of 100) obtained by a group of students in a science test are  
85, 76, 90, 85, 39, 48, 56, 95, 81 and 75.  
Find the: (i) Highest and the lowest marks obtained by the students.  
(ii) Range of the marks obtained.  
(iii) Mean marks obtained by the group.
16. The enrolment in a school during six consecutive years was as follows:  
1555, 1670, 1750, 2013, 2540, 2820  
Find the mean enrolment of the school for this period.
17. The heights of 10 girls were measured in cm and the results are as follows:  
135, 150, 139, 128, 151, 132, 146, 149, 143, 141.
  - (i) What is the height of the tallest girl? (ii) What is the height of the shortest girl?
  - (iii) What is the range of the data? (iv) What is the mean height of the girls?
  - (v) How many girls have heights more than the mean height.
18. Following are the margins of victory in the football matches of a league.  
1, 3, 2, 5, 1, 4, 6, 2, 5, 2, 2, 2, 4, 1, 2, 3, 1, 1, 2, 3, 2,  
6, 4, 3, 2, 1, 1, 4, 2, 1, 5, 3, 3, 2, 3, 2, 4, 2, 1, 2  
Find the mode of this data.

**CLASS – VII: CHAPTER – 4**  
**SIMPLE EQUATIONS**

1. Write the following statements in the form of equations:
  - (i) The sum of three times  $x$  and 11 is 32.
  - (ii) If you subtract 5 from 6 times a number, you get 7.
  - (iii) One fourth of  $m$  is 3 more than 7.
  - (iv) One third of a number plus 5 is 8.
2. Convert the following equations in statement form:
  - (i)  $x - 5 = 9$  (ii)  $5p = 20$  (iii)  $3n + 7 = 1$  (iv)  $\frac{m}{5} - 2 = 6$ .
3. Write the following situation in the form of equations:

Raju's father's age is 5 years more than three times Raju's age. Raju's father is 44 years old. Set up an equation to find Raju's age.
4. A shopkeeper sells mangoes in two types of boxes, one small and one large. A large box contains as many as 8 small boxes plus 4 loose mangoes. Set up an equation which gives the number of mangoes in each small box. The number of mangoes in a large box is given to be 100.
5. Write equations for the following statements:
  - (i) The sum of numbers  $x$  and 4 is 9.
  - (ii) The difference between  $y$  and 2 is 8.
  - (iii) Ten times  $a$  is 70.
  - (iv) The number  $b$  divided by 5 gives 6.
  - (v) Three fourth of  $t$  is 15.
  - (vi) Seven times  $m$  plus 7 gets you 77.
  - (vii) One fourth of a number minus 4 gives 4.
  - (viii) If you take away 6 from 6 times  $y$ , you get 60.
  - (ix) If you add 3 to one third of  $z$ , you get 30.
6. Write the following statements in the form of equations:
  - (a) 11 added to  $2m$  to get 40.
  - (b) 11 subtracted from  $2m$  to 25
  - (c) 5 times  $y$  to which 3 is added to get 45
  - (d) 5 times  $y$  from which 3 is subtracted to get 33
  - (e)  $y$  is multiplied by  $-8$  to get 24
  - (f)  $y$  is multiplied by  $-8$  and then 5 is added to the result to get 29.
  - (g)  $y$  is multiplied by 5 and the result is subtracted from 16 to get 4
  - (h)  $y$  is multiplied by  $-5$  and the result is added to 16 to get 8.
7. The length of a rectangular hall is 4 meters less than 3 times the breadth of the hall. What is the length, if the breadth is  $b$  meters?
8. Solve: (a)  $3n + 7 = 25$       (b)  $2p - 1 = 23$       (c)  $12p - 5 = 25$
9. Solve: (a)  $3n - 2 = 46$       (b)  $5m + 7 = 17$       (c)  $10p = 100$       (d)  $10p + 10 = 100$   
(e)  $3s = -9$       (f)  $3s + 12 = 0$       (g)  $2q - 6 = 0$       (h)  $2q + 6 = 12$   
(i)  $\frac{20p}{3} = 40$       (j)  $\frac{3p}{10} = 6$       (k)  $\frac{3p}{4} = 6$       (l)  $\frac{-p}{3} = 2$