The Shanti Niketan School
SUMMER HOLIDAY HOMEWORK
CLASS VIII   DOS:29.06.2018

Dear Parent,

Warm greetings. For the past 2 months we enjoyed taking care of your precious children. You might have noticed that they all loved to come to school. For the next two months, you their natural guardian will spend the vacation with them. Let's share some tips to make this period a fruitful and happy period for them.

1. Have at least two meals together with your children. Teach them the importance and hard work of the farmers and ask them not to waste their food.
2. Let them wash their own plates after every meal. Children learn dignity of labour from such activities.
3. Allow them to help you in cooking. Let them make their own vegetables and fruit salad
4. Make your child read and write 5 stories in English notebook and then the same will be narrated in class.
5. Visit the grandparents and let your children bond with them. Their love and emotional support is very important for your child to understand that you work very hard to support the family.
6. Do meditation, yoga and enchant Gayatri mantra daily morning at least for 10 minutes.

SUBJECT	HOME WORK
HINDI DOS 25.6.2018	प्रश्न १. निम्न शीर्षकों में से किसी एक पर स्वरचित कविता का निर्माण कीजिये | (क) त्योहार (ख) देश प्रश्न २. अपने किसी दस मित्रो के नामों का वर्ण- विच्छेद करते हुए एक सुन्दर क्रियात्मक गति विधि कीजिए| प्रश्न ३. निम्न विषयो पर अनुच्छेद लिखिए| (क) कोई अविस्मरणीय घटना (ख) सत्संगति

Social Science
 	
DOS 26.06.2018
	1. As a Head boy/ girl of your school, draft a constitution for your school.
	2. On a political map of India, mark the important centers of 1857 revolt – Delhi, Lucknow, Kanpur, Jhansi, Awadh
	3. Learn the syllabus of P.T.1 exam.
	4. Write a paragraph each on the following ancient famous rulers
	   (a) Rani Laxmi Bai
	   (b) Akbar
	   (c) Aurangzeb

English DOS 27.06.2018	1. Name and draw /paste examples of adjectives on A4-sheet/chart. 2. Imagine that you stay in the school hostel. Write an application to the warden of the hostel seeking his/her permission to go home for two days to attend your cousins wedding. 3. You found an umbrella in the school bus yesterday while going back home. Write a notice asking the owner of the lost umbrella to contact you.

संस्कृत DOS 28.06.2018	प्रश्न 1 . कृधातु के पाँच लकार लिखिए | प्रश्न २. क्तवतु प्रत्यय से मुक्त कोई १० शब्द लिखिए | प्रश्न ३. किसी भी अकारान्त पुल्लिंग,नपुंसकलिंग तथा आकारान्त स्त्रीलिंग के रूप लिखकर याद करें	
Computer DOS 28.06.2018	Create a power point presentation on the topic "Impact of social networking on our lives". (maximum no. of slide 15)

SCIENCE WORKSHEET
SUMMER HOLIDAY HOMEWORK
CLASS VIII   DOS :25.06.2018

Answer the following questions in notebook

Q1 Prepare a table showing the occurrence properties and types of ores of various metals found in our country.

Q2. Draw a labeled diagram showing the life cycle of the malaria parasite.

Q3. Fill in the blanks:-

1. Separation of the grains from the chaff is called_____.
2. Weeds are controlled by using certain chemical called_____.
3. Supply of water to crops at appropriate intervals is called_____.
4. Louis Pasteur discovered_____.
5. _____ discovered the vaccine for small pore.
6. _____ was the first fully synthetic fibre.
7. _____ and _____ are examples of thermoplastics.

Q3. Answer the following question:-
   a. Draw a labeled diagram of a hoe?
   b. Define the following:-
      1. Harvesting
      2. Winnowing

Q4. Write a short note on the harms caused by micro-organism?

Q5. Draw a labeled diagram of nitrogen cycle?

Solve the questions in notebook

1. Solve the following question as mentioned.

   (1) Find the difference between the greatest and the least number of
   $$\frac{7}{5} , \frac{3}{16}, \frac{2}{7} , \frac{3}{24}$$

2. Solve the following and simplify to lowest term.

   (a) $\frac{-3}{2} + \frac{6}{5} + \frac{5}{5} + (-\frac{5}{3}) + (-\frac{4}{4})$

   (b) $\frac{1}{3} + \frac{2}{4} + (\frac{2}{5}) + (\frac{1}{2}) + \frac{6}{6}$

3. Is $\frac{6}{11}$ the multiplicative inverse of $-1\frac{5}{6}$? Why or why not ?

4. What is the multiplicative inverse of $\frac{6}{16}$?

5. Reduce the rational number $\frac{18}{15}$ to the lowest form?

6. Name the property that is reflected in the following expression.

   (a) $\frac{5}{-11}$ X $\frac{-11}{5}$ =1   (b) $\frac{1}{24}$ X $\frac{24}{1}$ = 1

7. Write the rational numbers that are equal to their reciprocals.

8.

	$\frac{8}{31}$	
$\frac{6}{31}$	$\frac{6}{31}$	?
	$\frac{4}{31}$	

   Is the sum of both the horizontal and the vertical rows is same, find the missing rational numbers

9. Add the following rational numbers

   (a) $\frac{5}{25} + \frac{12}{25} =$ (b) $\frac{3}{5} + \frac{7}{15} =$

   (c) $\frac{4}{19} + \frac{14}{19} =$ (d) $\frac{15}{25} + \frac{3}{24} =$

10. Solve the following equations.

    (a) $\frac{y}{11} + 3 = 9$ (b) 3a + 8 = 14

    (c) a (a +6) + 8 = 4a -8   (d) $\frac{3x}{y} = \frac{9x}{8}$

11. Three consecutive integers add up to 57. What are these integers?

12. A number is 12 more than the other. Find the number if their sum is 48.
13. The sum of three consecutive odd numbers is 51. Find the numbers.
14. In an isosceles triangle, the base angles are equal and the vertex angle is 80 ®. Find the measure of the base angles.
15. True or False
    (a) If 2 (x-13) = 14, then x =20
    (b) The three consecutive multiples of 7 would 7x, 7x+7, 7x+21.
16. The sum of digit of a two digit number is 12. If the new number formed by reversing the digit is greater than the original number by 18, find the original number.
17. Five year ago, John twice as old as his brother. Three years from now, the sum of their ages will be 31. How old is Jim now?
18. Make a pie chart (graph) to show the number of voters received in the election of class monitor.
19. Ria throws as dice. What is the probability she will roll a number less than 4 ?
20. Define upper class limit and lower class limit.
21. Define random experiment.
22. Answer the following question from the table given.

Subject	Number of students
Art	7
Maths	8
Science	6
English	5

 (a) Which is the most liked subject?

(b). which is the least liked subject?

23. A bag has 10 red marbles and 6 blue marbles. A marble is drawn from the bag without looking into the bag. What is the probability of getting blue marble?
24. A bag has 4 red balls and 6 yellow balls. A ball is drawn from the bag without looking into the bag. Find the probability of getting red balls.
25. Make a frequency distribution tables for the given ages at 25. Student of class VIII.

15,16,16,14,17,17,16,15,15,16,16,17,15,161,16,17,15,16,16,16,14,16,15,14,15,16,14,15,16,16,16

26. Define raw data
27. Define frequency.