DAV PUBLIC SCHOOL, BAZPUR

SUMMER HOLIDAY ASSIGNMENT 2020-21

CLASS- VIII

ENGLISH :

1- Make book mark and write a quotation on it along with its writer's name.   **20**

2- Collect information on General Election and prepare a poster on it.   **30**

3- Suppose you are one of the victims of Tsunami. Write a diary entry for the same.   **20**

4- Design your own newspaper with important news, events, facts based on INDIAN NATIONAL MOVEMENT.   **20**

HINDI   :

1-पाठ *1'2'3'4' एवं अभ्यास सागर पाठ*1'2'3'4 लिखकर याद करें।   **20**

2- पत्र -लेखन-औपचारिक, एवं अनौपचारिक , चार-चार पत्र लिखें।   **20**

3-निबंध लेखन- *पुस्तकों का महत्व। * जीवन में खेलों का महत्व। * पर्यावरण सुरक्षा। * वृक्षारोपण. लिखें।   **20**

4- संज्ञा , सर्वनाम , विशेषण , क्रियाविशेषण , के भेद उदाहरण सहित लिखें।   **20**

5- पर्यायवाची - 30 शब्द लिखें। * विलोम शब्द-40 , * मुहावरे -30 शब्द , तथा लोकोक्तियाँ - 15 लिखें।   **20**

 नोट- उपरोक्त कार्य हिन्दी व्याकरण की नोटबुक में लिखें।

MATHS   : (each question is of 5 marks only)

1. Find the square root of 0.00059049
2. Find the square root of 3 up to three decimal places
3. Devika has a square piece of cloth of area 9 m^2 and she wants to make 16 square-shaped scarves of equal size out of it. What should possibly be the length of the side of the scarf that can be made out of this piece?
4. Write the first four triangular numbers.
5. Is 5, 7, 9 a Pythagorean triplets? Why? Justify.
6. What is that number which when multiplied by itself gives 227.798649?
7. Write a Pythagorean triplet if one number is 14.
8. Find the smallest number by which 2560 must be multiplied so that the product is a perfect cube.
9. A school decided to award prizes to students for three values—discipline, cleanliness of environment and regularity in attendance. The number of students getting prizes in the three categories are in the ratio 1 : 2 : 3. If product of ratios is 162, then—

(a) Find the number of students getting prizes for each value.

(b) Name any other two values that you can inculcate

10. Prove that if a number is tripled, then its cube is 27 times the cube of the given number.
11. Find the volume of a cube whose surface area is 150 m^2.
12. Guess the cube root of the following numbers.

     (i) 6859 (ii) 12167 (iii) 32768

13. Three numbers are in the ratio 2 : 3 : 4. The sum of their cubes is 33957. Find the numbers.
14. Find the smallest number which when multiplied with 3600 will make the product
15. Find the cubes of:
    (i) 0.6 (ii) – 3.1 (iii) – 0.01
16. Find the cube root of 0.000001
17. Students of a school collected provisions like rice, pulses, etc., for the flood affected people of Madhya Pradesh. These provisions were packed in six cubical cartons each of side measuring 65 cm. Find the volume of cartons packed.
18. Find the number whose cube is 1728.
19. Find the smallest number by which 16384 be divided so that the quotient may be a perfect cube.
20. How many non-square numbers lie between the numbers 7^2 and 8^2

SCIENCE :

1. Define the term cell. Name the different cell organelles and their functions also that make a cell.   (20)
2. With the help of a well labelled diagram,highlight three differences between a plant cell and animal cell.   (20)
3. Genetic engineering is a branch of science in which microorganisms are being extensively used.try to find out the role of microorganisms in genetic engineering.   (10)
4. Make a list of five articles used at home and school,which are made up of metals or alloys.Write their composition in tabular form.   (10)
5. Make a differentiate table based on physical properties of metals and non metals.   (10)
6. Make a list of Kharif and Rabi crops which are grown in your area.Find out if there are any silos in your ity. (10)
7. Visit a field or park and collect (using protective gloves)and paste around five types of weeds.   (10)
8. Try to find out out the changes that have come about between modern and traditional farming practices.   (10)

SST   :

:Preapre al pictorial chart showing the classification of resources giving at least a suitable example of each category or resource.
:Collect the popular slogan used during the freedom struggle of Indian and write them on placards.Display them in your class.
:On outline political map of the world locate the following countries from whom Indian constitution adopted various features.