



Al Barkaat Public School(+2)

(Affiliated to CBSE, New Delhi)

Summer Holiday Home Work (2024-25)

Class-VIII

ENGLISH	HINDI
<p>1. Write an article in about 100 to 120 words on <u>anyone</u> of the following:</p> <p>a) Importance of Water in Our Life OR b) Importance of Regular Exercise</p> <p>2. You and your friends are organising a clean-up drive in your neighbourhood. Write a notice in not more than 50 words for the society notice board inviting all interested to join the drive. Give details of the date, time and where to assemble. Also give details of what equipment to carry for the initiative. OR Your class is going on a four day trip to Bengaluru. Write a notice in not more than 50 words for the class notice board inviting names for the trip. Give details of the dates and expenditure of the trip.</p>	<p>ग्रीष्मकालीन अवकाश गृह काय सत्र - 2024 -25 कक्षा VIII</p> <p>1. बस को यात्रा पाठ का सारांश अपने शब्दों में लिखिए।</p> <p>2. निम्नलिखित विषयों में से किसी एक विषय पर अनुच्छेद लिखिए। क- स्वास्थ्य ही धन है ख- जल का महत्त्व</p>
URDU	SCIENCE
<p>1. نظم "جگنو" کو زبانی یاد کیجیے۔</p> <p>2. نظم "جگنو" کا خلاصہ خوشخط الفاظ میں لکھیے۔</p> <p>3. "علم روشنی ہے" کے عنوان پر ایک مفصل مضمون لکھیے۔</p>	<p>Please complete the following questions (any two) from chapter 2: microbial world. Write your answers neatly in your fair notebook:</p> <ol style="list-style-type: none">1. Microbes have revolutionised the medical world.2. Food processing types and importance.3. Fermentation it's uses and importance4. Use of microbes in different industries.. <p>Submission Instructions:</p> <ul style="list-style-type: none">• Answer all questions in your fair notebook.• Ensure your handwriting is neat and readable.• Use diagrams wherever necessary and label them clearly.• Submit your notebook on the first day after the holidays.
SOCIAL SCIENCE	COMPUTERS
<p>• Learning Work 1) Memorize the syllabus of P.T.1</p> <p>• Written Work 2) Briefly explain any one of the following topics of non conventional sources of energy - (A) Solar Energy OR (B) Wind Energy OR (C) Biogas</p>	<p>1. Prepare PowerPoint presentation on the topic " Artificial intelligence" (maximum 8 to 10 slides)</p> <p>2. Prepare result analysis report of your previous year result on Ms Excel by using different functions.</p>



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<p>• Activity Work</p> <p>3) Make a working or non-working model on any one of the following topics of non conventional sources of energy -</p> <p>(A) Solar Energy OR (B) Wind Energy OR (C) Biogas</p>	<p>GK</p> <p>1) Cut and paste atleast 2 news weekly under the coloumn</p> <p>a) National news b) International news c) sports news</p> <p>2) Note down the maximum and minimum temperature of Month JUNE 2024. Highlight the day with maximim temperature weekly.</p> <p>3) Read write and learn page no 25 and 35 in your GK book.</p> <p>4) Make a chart on olympic medallist of India. (any six)</p>
ARTS	ISLAMICS
<p>1 Canvas painting</p> <p>2. Flower pots (craft work)</p>	<p>❖ Perform Salah and read Quran Kareem daily.</p> <p>❖ Memorize the following Surah:</p> <p>1.Surah al Feel 2.Surah al Quraysh 3.Surah al Maoon 4.Surah al Kafiroon 5.Surah al Nasr</p>

MATHEMATICS

1. ____ is the identity for the addition of rational numbers.
2. What is the multiplicative identity for rational numbers?
3. What is the additive inverse of $\frac{3}{5}$?
4. How many reciprocals does zero have?



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5. Write.
 - (i) The rational number that does not have any reciprocal at all.
 - (ii) The rational numbers those are equal to their reciprocals.
 - (iii) The rational number that is equal to its negative.
6. Give a rational number which when added to it gives the same number.
7. By what rational number should $22/7$ be divided, to get the number $-11/24$?
8. Represent the following rational numbers on the number line. (i) $3/10$ (ii) $8/7$ (iii) 1.345 (iv) $21/7$
9. If you subtract $1/8$ from a number and multiply the result by $1/4$, you get $1/16$. What is the number?
10. Write three rational numbers occurring between $1/3$ and $4/5$.
11. Multiply the negative of $2/3$ by the inverse of $9/7$.
12. What should be added to $-16/3$ to make it $1/9$?
13. What should be subtracted from $5/8$ to make it -1 ?
14. Solve: $x+3$ $2 - x-2$ $2 = 1$. Hence find p , if $1 x + p = 1$
15. The two perpendicular sides of a right angled triangle are in the ratio $3:4$ and it's perimeter is 96 cm. Find the three sides.
16. Two supplementary angles differ by 500 . Find measure of each angle.
17. Sum of three consecutive even numbers is 36 . Find the numbers.
18. The numerator of a fraction is 2 less than the denominator. If 3 is added to both the numerator the fraction becomes $3/4$. Find the fraction.
19. A number consists of two digits whose sum is 12 . If 18 is added to the number, the digits are reversed. Find the number.
20. Solve the following equations and check the solutions:
 - a) $5 - 3(5x + 2) = 4(7 - 3x) + 1$
 - b) $6x+1$ $3 + 1 = x-3$ 6
 - c) $x+1$ $2x+3 = 3$ 8 d) $0.3(6 - x) = 0.4(x + 8)$

Note: Make FIVE more questions like above given questions from outside of your Maths Textbook and solve them.