



## SUMMER HOLIDAY HOMEWORK ( 2024- 2025)

### CLASS – VII

S.NO	SUBJECT	HOMEWORK QUESTIONS
1	English	<p><b>Instructions</b> The Homework is to be done in neat and good handwriting in a separate notebook.</p> <ol style="list-style-type: none"> <li>1) Make a list of 40 Main Verbs (Action Words) in table form. (Eg- go went gone )</li> <li>2) Make 20 different example of Noun as mentioned below:               <ol style="list-style-type: none"> <li>a) Countable noun</li> <li>b) Uncountable noun</li> <li>c) Proper noun</li> <li>d) Abstract noun</li> </ol> </li> <li>3) Choose any three authors of your choice and write a page about each of them.</li> <li>4) Write a paragraph about your experiences in class 6th.</li> <li>5) Curiosity-Three questions Frame 5 questions, the answers of which you are curious to know from the Sage ?</li> <li>6) You are Rohan/ Rashmi, the School Captain of Vidyaniketan, Chennai. You found a pencil box during your games period in the ground. Draft a FOUND notice to be put up on the School Notice Board asking the owner of the pencil box to contact you. Put the notice in a box.</li> <li>7) Write a paragraph on the topic given below in about 80-100 words. -               <ol style="list-style-type: none"> <li>a. Digital India</li> <li>b. How I celebrated 5th June Environment day.</li> </ol> </li> <li>8) Write 20 synonyms and 20 Antonyms.</li> <li>9) Read aloud an English newspaper daily. Write 1 news of 30 to 40 words everyday in the notebook.</li> <li>10) Answer the questions given for the Unseen passages sent in school whatsapp group.</li> </ol>

2	Science	<p><b>Answer the following questions:</b></p> <ol style="list-style-type: none"> <li>Differentiate between nutrient and nutrition.</li> <li>Explain the food factory of plants.</li> <li>Can you give me a name? Solve each of the following riddles by writing the name of the organism and its mode of nutrition.       <ol style="list-style-type: none"> <li>I am tall but I can not move. I am green and can prepare my own food.</li> <li>I am white and soft. I grow well in the rainy season. I absorb nutrients from decomposed dead parts of plants and animals in the soil.</li> </ol> </li> <li>Spot as many organisms as possible in the puzzle given by encircling them. Write names on a sheet of paper and categorize them into autotrophs and heterotrophs. Classify the heterotrophs into herbivores, carnivores, omnivores &amp; saprotrophs.</li> </ol> <div data-bbox="495 716 927 1066" style="text-align: center;"> </div> <p style="text-align: center;"><b>Fig. 1.2</b></p> <ol style="list-style-type: none"> <li>Activity: Go to a doctor or your nearest health centre. Observe the doctor taking temperature of patients. Enquire;       <ol style="list-style-type: none"> <li>Why he dips the thermometer in a liquid before use.</li> <li>Why is the thermometer kept under the tongue?</li> <li>Whether the body temperature can be measured by keeping the thermometer at some place other than the mouth.</li> <li>Whether the thermometer of different parts of the body is the same or different.</li> </ol> </li> </ol>
3	Social Science	<p>A)Summer Vacation HW for class 7th:(2024)          Prepare a project on Devotional Path to the Divine,&amp; include these topics(paste related pictures &amp; write few lines about each):</p> <ol style="list-style-type: none"> <li>Nayanars &amp; Alvars</li> <li>Philosophy &amp; Bhakti</li> <li>Basavannas Virashaivism</li> <li>Bhakti Movement in the Deccan</li> <li>Nathpantis,Siddhas &amp; Yogis</li> </ol>

	<p>6: Islam &amp; Sufism 7: Kabir 8: GuruNanak &amp; Sikh Note: (Go through the chapter in your NCERT history textbook, &amp; take some ideas).</p> <p>B) Revise, learn &amp; prepare Ch-1 of History, &amp; Ch-1 of Geography... and also read Ch-1 of Civics, &amp; make important notes from each chapter in A4 size sheets, with your name &amp; class.</p>
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Mathematics

1. Write down a pair of integers whose

(i) sum is -5

(ii) difference is -7

(iii) difference is -1

(iv) sum is 0

2. Taking today as zero on the number line, if the day before yesterday is 17 January, what is the date on 3 days after tomorrow?

3. Find the Sum

1. $82+(-47)=$	2. $89+95=$	3. $-73+61=$
4. $-29+(-44)=$	5. $31+63=$	6. $82+(-26)=$
7. $34+25=$	8. $24+68=$	9. $-74+(-51)=$

4. Find the additive inverse of

1. -83=	2. 22=	3. 0=
4. -3002=	5. +33=	6. -74=

5. Fill in the blanks using options given in column 2

1. _____ is the _____ of addition	• addition
2. The expression $4 \times 5$ and $5 \times 4$ are equal by the _____	• Associative property

3. The expression  $2+(3+4)$  and  $(2+3)+4$  are equal by the \_\_\_\_\_

- Commutative property

4. Multiplication and \_\_\_\_\_ are opposite operations

- Division
- multiplication

5. \_\_\_\_\_ and \_\_\_\_\_ are commutative

- Operations
- subtraction

5	Hindi	<p>प्रश्न-1 प्रदूषण विषय पर एक चित्र सहित परियोजना तैयार करें और चार्ट बनाएं</p> <p>प्रश्न-2 भोपाल शहर की किन्हीं पांच दार्शनिक स्थल के चित्र एकत्रित कर कोलाज बनाए वह उनके बारे में लिखिए ।</p> <p>प्रश्न-3 भारत के किन्हीं पाँच राज्यों को मानचित्र में दर्शाकर उनके बारे में कम से कम 5 लाइनें लिखें (राज्य का नाम, उनकी राजधानी, भाषा त्योहार और लोक संगीत आदि के बारे में)</p> <p>प्रश्न-4 'सुमित्रानंदन पंत' पर एक कविता लिख उनका जीवन परिचय चित्र सहित लिखिए ।</p>
6	Sanskrit	<p>□□□□□ -१ □□□□ □□□□ □□□□ □□□□ ५ □□□□□□ □□ □□□ □□□□□!</p> <p>□□□□□ -२ □□□□□□□ □□□ □□□□□ □□□□□ □□□□ □□□□ □□□□□□ □□□ □□□ □□□□□! □□□□□ □□□□□□ □□□□□□□</p> <p>□□□□□□ -३ □□□□□□□ □□□ वचन □□□□□ □□□□□ □□□   □□□□□ □□□□□□ □□□□□□□</p> <p>□□□□□□ -४ □□□□ घर □□ □□□□□ □□□□□, □□□□□□ □□ □□□□□□□ □□ □□□ □□□ □□□□ □□□□ □□□□□ □□□□□□</p> <p>□□□□□□ - ५ □□□ □□□□□ □□□ ? □□□□ □□□□□ □□□ □□□□□ □□□□□ □□□?</p>
7	Computer	<p>Q.1 Define Bit, Byte and Nibble</p> <p>Q.2 Differentiate between the following:</p> <ol style="list-style-type: none"> <li>Binary Number System and Decimal Number System</li> <li>Octal Number System and Hexadecimal Number System</li> </ol> <p>Q.3 What do you mean by number system? Mention its types.</p> <p>Q.4 Write steps to convert binary numbers to decimal.</p> <p>Q.5 Explain "The world of computer is based on the multiples of 1 and 0s".</p> <p>Q.6 Convert the following Binary numbers in to decimal:</p> <ol style="list-style-type: none"> <li>011111, b. 101001</li> </ol> <p>Q.7 Convert the following decimal numbers in to Binary:</p> <p>Q.8 What is a computer virus?</p>

		<p>Q.9 Differentiate between:</p> <ul style="list-style-type: none"><li>a. Adware and Spyware</li><li>b. Boot sector virus and ransomware</li></ul> <p>Q.10 What are the sources of computer viruses?</p>