


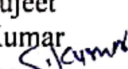




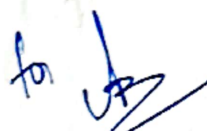


**DAV PUBLIC SCHOOL, JAMALPUR.**  
**HOLIDAY HOMEWORK FOR SUMMER VACATION (2026-27)**

Class: XI Science

Sl. No.	SUBJECT	Homework/Assignment	Subject teacher name & signature
1	English	Literature - 1. Write the three Answers of the portrait of the lady given in the text . Creative writing 2. Expand your ideas on all the given topics . i. All that glitters is not gold. ii. Little learning is a dangerous thing iii. Rome was not built in a day iv. Honesty is the best policy. Conversation based - 3. Write a short dialogue between two friends using at least three different tenses.	Aditya Kumar 
2	Hindi	अभिव्यक्ति और माध्यम: 'जनसंचार माध्यम' और 'विभिन्न माध्यमों के लिए लेखन' गतिविधियाँ एवं परियोजना 1. तुलनात्मक तर्क: प्रिंट माध्यम, रेडियो और टीवी में से सबसे सशक्त माध्यम कौन सा है? इसके पक्ष-विपक्ष में तर्क दीजिए। 2. राष्ट्रीय स्तर पर प्रसिद्ध साहित्यकारों की जीवनी उपलब्धियों के साथ सचित्र लिखें। 3. भक्तिकाल के प्रसिद्ध कवियों की उपलब्धियाँ एवं जीवनी सचित्र लिखें। 4. नमक का दारोगा, कबीर एवं मीराबाई के पद पाठ का प्रश्नोत्तर लिखकर याद करें।	N.K.Thakur 
3	Physics	Complete the notes of ch-1 Units and Dimensions, Ch-3 Motion in a Plane (Vectors, ) from the ppts provided in the group	B.B.Jha & Praveen Prabhakar 
	Chemistry	1. Complete NCERT Question and answer of chapter 1. 2. Make a chart to find the empirical formula of any two compounds.	Sujeet Kumar 
	Biology	1. Prepare a project work on any one topic as discussed in class. 2. Write any two practicals neatly in the practical copy: • Practical 1: Preparation and study of transverse sections (T.S.) of dicot and monocot roots and stems. • Practical 2: To study osmosis by potato osmometer. 3. Write any 10 questions and answers of your own in the Biology copy.	Anamika 
4	Maths.	4. Define a set. Write two examples of finite sets. 5. Write the following set in roster form: $A = \{x : x \text{ is a vowel in the English alphabet}\}$ 6. Write the following set in set-builder form: $B = \{2, 4, 6, 8, 10\}$ 7. State whether the following set is finite or infinite: $\{1, 3, 5, 7, \dots\}$ 8. If $A = \{1, 2, 3, 4\}$ and $B = \{3, 4, 5, 6\}$ , find $A \cup B$ . 9. If $A = \{2, 4, 6, 8\}$ and $B = \{1, 2, 3, 4, 5\}$ , find $A \cap B$ . 10. Find $A - B$ if $A = \{1, 2, 3, 4, 5\}$ and $B = \{2, 4\}$ . 11. Find the complement of set A if $U = \{1, 2, 3, 4, 5, 6, 7\}$ and $A = \{2, 4, 6\}$ . 12. Determine whether the following statements are true or false: (i) $\emptyset \subseteq A$ for every set A (ii) $A \cup \emptyset = \emptyset$ 13. If $A = \{a, b, c\}$ , write all subsets of A. 14. How many subsets does the set $\{1, 2, 3, 4\}$ have? 15. Let $A = \{1, 2, 3\}$ , $B = \{3, 4, 5\}$ , and $C = \{5, 6\}$ . Find $(A \cup B) \cap C$ . 16. Prove that $A \cap B = B \cap A$ . 17. Show that $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$ .	D.N.Dubey 

		<p>18. In a class of 40 students, 22 like Mathematics and 18 like Science. If 10 students like both subjects, find: (i) Number of students who like at least one subject (ii) Number of students who like neither subject.</p> <p>19. If <math>A = \{x : x \text{ is an even natural number less than } 12\}</math>, list the elements of A.</p> <p>20. Determine whether the following sets are equal: <math>A = \{1,2,3\}</math> and <math>B = \{3,2,1\}</math>.</p> <p>21. If <math>A = \{1,2,3,4,5\}</math>, <math>B = \{2,4,6,8\}</math>, find <math>A \Delta B</math> (symmetric difference).</p> <p>22. Draw a Venn diagram to represent: <math>A \subset B \subset U</math>.</p> <p>23. In a survey of 50 students, 28 play cricket, 20 play football, and 8 play both games. Find: (i) Students who play only cricket (ii) Students who play only football (iii) Students who play at least one game.</p>	
5	IP	Prepare a Project file containing details of different types of Hardware and Software.	Mukesh Sinha 
6	PHY. EDU	<p>Topic: Olympic Values and Education</p> <p>(Olympic Values Scrapbook)</p> <p>Prepare a beautiful scrapbook (8–10 pages) on Olympic Values.</p> <p>Include:-</p> <ol style="list-style-type: none"> <li>1. Olympic Symbol and Motto</li> <li>2. History of Olympic Games</li> <li>3. Meaning of Excellence, Friendship, and Respect</li> <li>4. Pictures of famous Olympians</li> <li>5. Inspirational Olympic quotes</li> </ol> <p>Materials:</p> <p>Chart papers Color pens Printed pictures Stickers</p>	Mithun Kumar 

  
Class In-charge

  
Co-ordinator

  
Principal