



DAV PUBLIC SCHOOL MATHURAPUR

Summer Vacation Holiday Homework

SESSION - 2025-26

Class - VII

SUBJECT	HOME WORK
ENGLISH	1) Draw / paste the picture and Write few lines about your favourite writer or poet on chart paper. 2) Write Noun and it's kind with definition and examples on chart paper. 3) Write the summary. Of Lesson - 1, 2 & 3 in HHW note book. 4) Read L - 4 of literature. 5) Write 5 assertive sentences, 5 negative sentences and 5 interrogative sentences from Lesson - 1 and 2. in HHW note book.
HINDI	1) प्रोजेक्ट वर्क - संज्ञा की परिभाषा व उसके भेद की परिभाषा उदाहरण के साथ चार्टपेपर पर सजाकर बनाइए। 2) पत्र लेखन - परीक्षा में प्रथम आने पर मित्र को बधाई पत्र कॉपी में लिखिए। 3) पर्यावरण संरक्षण पर कॉपी में एक अनुच्छेद
MATHS	Class VII (MATHS HHW) Projects: (A.) Make an Art Integrated Projects on Andaman and Nicobar Islands Your project should be colorful and visually appealing. Include the following points: The distance between Delhi and Andaman & Nicobar Islands (in kilometers). Time taken to reach Andaman and Nicobar Islands using different modes of transport (Air, Ship, etc.). Popular fun activities of the Islands along with their popularity percentage. Prepare a bar graph showing the popularity of the fun activities. (B.) Verify the distributive property of whole numbers geometrically. Math Assignment: Rational Numbers (Use A4 Size Sheets) 1. Write $-48/60$ in standard form. 2. Express $-4/7$ as a rational number with numerator 20. 3. Represent $-5/11$ on the number line. 4. Compare the following: $-4/9$ and $-3/7$. 5. Subtract $-3/5$ from its reciprocal. 6. By what number should we multiply $-5/4$ to get $7/2$?

	7. Divide the sum of $-\frac{1}{3}$ and $\frac{5}{6}$ by the sum of $-\frac{1}{4}$ and $\frac{3}{8}$. 8. How many rational numbers are there between 2 and 3? 9. Simplify: a. $-5.7 + 13.20 - 15.009 + 0.02$ b. $(75.05 \div 0.05) \times 0.001 + 2.351$ 10. Find the value of: $[(-\frac{2}{7}) - \frac{5}{7}] \times (\frac{8}{3} \div \frac{4}{9})$ 11. Compare the absolute values of the rational numbers: $-\frac{7}{9}$, $\frac{3}{-2}$ 12. Simplify: $-\frac{11}{30} - \frac{13}{15} + \frac{7}{6} + -\frac{3}{5}$ 13. On a number line, what is the length of the line segment joining $-\frac{1}{2}$ and $-5\frac{1}{2}$? 14. Arrange the following rational numbers in descending order: $-\frac{3}{10}$, $-\frac{7}{-5}$, $\frac{7}{-15}$, $\frac{8}{30}$ 15. Find three rational numbers between $-\frac{14}{3}$ and $-\frac{29}{3}$ 16. Verify the associative property of subtraction for $x = -\frac{3}{4}$, $y = \frac{5}{3}$, $z = -7$ 17. From a rope of length 40 meters, a man cuts some equal-sized pieces. How many pieces can be cut if each piece is $\frac{2}{11}$ meters long?
SCIENCE	Assignment:- Chapter 1: Nutrition in Living Organisms Extra Questions: 1. Define the following terms: a. Autotrophic nutrition b. Heterotrophic nutrition c. Photosynthesis 2. Give two examples of: a. Autotrophs b. Saprotrophs c. Parasites 3. Differentiate between: a. Autotrophic and heterotrophic nutrition b. Parasites and saprotrophs 4. Answer in brief: a. What is the role of chlorophyll in photosynthesis? b. Why are fungi not classified as autotrophs? c. Name the organisms that can prepare their own food using sunlight. d. How do nutrients reach non-green parts of plants? 5. Long Answer Questions: a. Describe the process of photosynthesis with a labelled diagram. b. Explain how fungi obtain their food. c. How is nutrition in animals different from that in plants 6. Balance the following chemical equations:- (i) $\text{H}_2 + \text{O}_2 \rightarrow \text{H}_2\text{O}$ (ii) $\text{Fe} + \text{O}_2 \rightarrow \text{Fe}_2\text{O}_3$ (iii) $\text{C} + \text{O}_2 \rightarrow \text{CO}_2$ (iv) $\text{Na} + \text{Cl}_2 \rightarrow \text{NaCl}$ (v) $\text{Al} + \text{O}_2 \rightarrow \text{Al}_2\text{O}_3$ (vi) $\text{Mg} + \text{HCl} \rightarrow \text{MgCl}_2 + \text{H}_2$ (vii) $\text{Ca} + \text{H}_2\text{O} \rightarrow \text{Ca(OH)}_2 + \text{H}_2$ (viii) $\text{Zn} + \text{HCl} \rightarrow \text{ZnCl}_2 + \text{H}_2$

	(IX) $\text{CH}_4 + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$ (X) $\text{K} + \text{H}_2\text{O} \rightarrow \text{KOH} + \text{H}_2$ 7. Write the chemical formula of the following compounds (i) Zinc chloride (ii) Calcium hydroxide (iii) Magnesium sulphate (iv) Aluminum oxide (v) Iron sulphate (vi) Sodium nitrate (vii) Zinc chloride (viii) Magnesium oxide (ix) Hydrogen chloride (x) Aluminum nitrate 8. Complete your fair notebook of science upto taught part (exercise questions answer of chapter 1 and 3) Note :- if not completed yet. 9. Read Chapter Heat in advance. Project work :- Draw a chart of symbols of various elements and ions with their charges in a chart paper or stick file work.
SST	**Assignment:-Prepare 10 Objective Questions with Answers from Chapter 1 each (Hist. Civics. Geo.) Project:- Draw and label a project on "Biosphere" and explain the points as well. Prepare it on a Chart paper and do colourful.
SANSKRIT	प्रत्यय - क्त्वा, ल्यप्, तव्यत्, अनीयर् तुमुन् को लिखें पढ़ें एवं अभ्यास करें। 'प्रिय शिक्षक' अथवा 'अभ्यास का महत्व' किसी एक विषय पर चार्ट पेपर पे चित्र सहित पांच से दश वाक्य लिखें।
COMPUTER	1. Complete the notes of chapter -1 2. Make a chart paper on the topic "Generation of Computers".