

DAV PUBLIC SCHOOL, KANSBAHAL
SUMMER HOLIDAY HOMEWORK: 2026-27
CLASS –VI (Eng. Med.)

SL. NO.	SUBJECT	HOMEWORK ASSIGNED
1	ENGLISH	1. Write a paragraph on the topic "How I spent summer vacation". (In 100 words) 2. Pick 20 new words from your Literature book and write their meaning with the help of Dictionary.
2	HINDI	<p>1. कहानी लेखन (Story Writing) किसी एक विषय पर छोटी कहानी लिखें। उदाहरण:- *मेरा सबसे अच्छा दिन *एक अनोखा दोस्त *भविष्य की यात्रा नोट: कहानी में शुरुआत, मध्य और अंत जरूर होना चाहिए।</p> <p>2. अनुच्छेद लेखन (Paragraph writing.) विषय: प्रीष्म कालीन छुट्टियों का अनुभव या डी ए वी स्कूल के अनुभव के बारे में</p> <p>3. कविता आधारित प्रोजेक्ट कविता को चित्रित करना: साथी हाथ बढ़ाना (किसी पसंदीदा) कविता की पंक्तियों के अनुसार रंगीन चित्र बनाएं और उनके नीचे पंक्तियाँ लिखें। कविता का संदेश भी लिखें :</p> <p>केस बेस्ट प्रश्न :- 4. कहानी/परिदृश्य: रामू अपने गाँव के बच्चों के साथ खेल रहा था। अचानक उसे पता चला कि गाँव में बाढ़ आई है और कई लोग परेशान हैं। उसने सोचा कि वह अकेला क्या कर सकता है, लेकिन तभी उसकी दोस्त सीमा ने कहा, "साथी, हाथ बढ़ाओ, मिलकर ही काम आसान होता है।" प्रश्न: 1. रामू और सीमा के उदाहरण से कविता "साथी हाथ बढ़ाना" में कौन सा मुख्य संदेश मिलता है? 2. अगर रामू अकेले मदद करने जाता, तो क्या परिणाम हो सकते थे? अपनी राय कविता के संदर्भ में लिखें।</p>
3	ODIA	<p>1. Project:- ନିଜ ପରିବାରର କୌଣସି ସଦସ୍ୟଙ୍କ କେଉଁସବୁ କଥା ତୁମକୁ ଭଲ ଲାଗେ, ସେ ବିଷୟରେ ବର୍ଣ୍ଣନା କର ।</p> <p>2. Rachana:- ଗ୍ରୀଷ୍ମରତ୍ନ</p> <p>3. ପ୍ରତିଶବ୍ଦ:- ଚରଣ, ନଦୀ, ଭୂମି, ଜନନୀ, ଦୁହିତା</p>
4	MATHS.	<p style="text-align: center;">CHAPTER-1 (NATURAL NUMBERS & WHOLE NUMBERS)</p> <p>1. Write the numerals for the following:- a) Thirty two million four thousand three hundred and twenty nine. b) Thirty nine crore forty eight lakh nine thousand and eighty eight.</p> <p>2. Find the greatest & smallest 7-digit number using digits 3, 7, 0, 8, 5 (Repetition of digits may be allowed)</p> <p>3. How many millions make 4 crores?</p> <p>4. Convert Hindu Arabic Numerals to Roman Numerals. (a) 2479 (b) 3784</p> <p>5. Convert Roman Numerals to Hindu Arabic Numerals. (a) MMMDCXLIX (b) MCDLXVI</p> <p>6. State whether the followings are meaningful or meaningless? (a) MMMIX (b) IC (c) MCDLXIX (d) LDX</p> <p>7. $5 \times 100000 + 4 \times 10000 + 8 \times 1000 + 2 \times 100 + 4 \times 1 =$ _____</p> <p>8. In whole numbers, _____ has no predecessor.</p> <p>9. The predecessor of the smallest 6- digit number is _____</p> <p>10. The successor of the largest 4- digit number is _____</p> <p>11. The smallest 6- digit number ending with 6 is _____</p> <p>12. The additive identity (identify element for addition) is _____</p> <p>13. _____ is the multiplicative identity (identify element for multiplication)</p> <p>14. Write the property name for the followings. a) $203 + 514 = 514 + 203$ b) $(23 + 25) + 28 = 23 + (25 + 28)$</p>

		<p>c) $16 \times (7 + 3) = (16 \times 7) + (16 \times 3)$ d) $(13 \times 15) \times 19 = 13 \times (15 \times 19)$</p> <p>15. What is the difference between the place value and the face value of 7 in 37, 46,981? 16. The price of a car is Rs.3, 66,856. If it increased by Rs. 38,256, find the new price of the car? 17. Mohan deposited Rs.1, 32,546 in a bank. At the end of the year he withdrew Rs. 38,234 to buy a laptop. Find the amount there in his account now? 18. Evaluate using distributive property: a) $557 \times 74 + 557 \times 27 - 557$ b) $4876 \times 58 - 4876 \times 27 + 4876 \times 69$</p> <p>19. Rearrange & Add: $543 + 3736 + 1372 + 457 + 5264 + 8628$ 20. Rearrange & Multiply: a) $25 \times 125 \times 4 \times 8$ b) $125 \times 16 \times 80 \times 625$</p> <p><u>ADDITIONAL ASSIGNMENT:</u></p> <p>1) <u>Learn & Memorise:</u> Multiplication Table up to 25. 2) <u>Project Work:</u> Write the Properties of Addition & Multiplication of Whole Numbers (with examples) in a $\frac{1}{4}$ Chart Paper; Use Colour Pen & Make it Colourful. (Refer to the Book for this Project Work)</p>
5	SCIENCE	<p>Project Topic-Five steps to save environment. Draw/paste pictures with proper explanation. Do in file papers.</p> <p>Poster making- "Say no to plastic bags". Do in science c.w copy.</p> <p>Questions: 1.Vulture feeds on the dead bodies of animals. It plays a significant role in keeping the environment clean. Will you consider vulture as a decomposer or a scavenger? Explain in detail. 2.How is rain water harvesting a ray of hope in water scarcity area? 3.Give reason for the following: a)Plants cannot do photosynthesis in the absence of light. b)Food chain always begins with a producer.</p>
6	SOCIAL SCIENCE	<p>History Read the following source carefully and answer the questions. History is the study of change over time and progress from the past to the present world. Historians divide history into two parts : i.e. Prehistory and History. Prehistory refers to that period type, when the art of writing was unknown Our information about prehistory depends upon the remains of tools, bones, pottery and weapons that have been excavated. We learn about the age of artifacts through carbon date seples of Fences dating.History refers to the period after the invention of writing The written records, dates, names of places and people may be on bhojpatras, palm leaves or pillars are source of information. History is generally categorised into three periods, namely, Ancient, Medieval and Modern.</p> <p>Questions 1. Define history. 2. Name the three periods into which history is divided. 3. Explain how historians get information about prehistory and history.</p> <p>Civics Q. Write the names of the 28 states and 8 Union Territories of India along with their capitals. Note: Write the above homework neatly on the middle page of your notebook (homework section). Project: "Draw the map of India and locate all the states" (use chart paper).</p> <p>Geography Q1. Write the characteristics of stars with example. (Any Four) Q2. Arrange the planets in the solar system as per the following – i. Terrestrial Planets</p>

		ii. Gas giants iii. Ice giants Project: Q.3. Prepare a project report on the eight planets in the solar system with a diagram. (In file paper).
7	COMPUTER SCIENCE	Q1. Your school is setting up a new computer lab. The teacher has purchased a keyboard, monitor, printer, CPU, scanner, and speakers. <ol style="list-style-type: none"> 1. Classify these devices into input, output, and processing devices. 2. Explain the function of any two devices from the list. 3. If the keyboard stops working, how will it affect the user? 4. Suggest one additional hardware device for the lab and explain its use. Q2. Given below the list of hardware devices. Identify and draw the picture for the same. Also write the name and type of hardware device. Do it in file paper. <p>a. Keyboard b. Mouse c. Monitor d. CPU e. Printer f. Scanner g. Web cam h. Joy stick i. Light pen j. Pen drive k. CD l. Hard disk</p>
8	ART/CRAFT	ART– STEP BY STEP BOOK PAGE 3-10 CRADT- FISH DESIGN WALL HANGING

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1	ENGLISH	<p>❖ Write a diary entry narrating your experience of spending the summer vacation in a meaningful and effective manner(In 100-150 words)</p>
2	HINDI	<p>1.व्यक्तित्व विकास डायरी:- हर दिन कुछ नया सीखें और उसका 2-3 पंक्तियों में रिकॉर्ड बनाएं। उदाहरण: “आज मैंने पौधों को पानी दिया और उन्हें बचाने का महत्व जाना।” अपनी हदी कॉपी में लिखें</p> <p>2 .प्रोजेक्ट -(फ़ाइल पेपर में) किसी मंदिर, संग्रहालय या ऐतिहासिक स्थान की या जहाँ कहीं की यात्रा (ग्रीष्म - अवकाश में)करें। अनुभव और अपने विचार हिंदी में लिखें। चित्र या टिकट जोड़कर प्रोजेक्ट को आकर्षक बनाएँ।</p> <p>3.अपने मित्र को गर्मी की छुट्टियों के अनुभव बताते हुए पत्र लिखिए लिए। 4.आप अपनी कक्षा के मॉनिटर हैं। आपकी कक्षा में कुछ ऐसे विद्यार्थी हैं, जो बहुत अनुशासन हीन हैं उनकी शिकायत करते हुए स्कूल प्रिंसिपल को पत्र लिखें। केस-बेस्ड प्रश्न 1 केस: स्नेहा अपने स्कूल के विज्ञान प्रोजेक्ट के लिए साल भर के मौसम का अध्ययन कर रही थी। उसने देखा कि कविता “बारहमासा” में हर महीने के मौसम, पेड़-पौधे और किसान की गतिविधियाँ बहुत सुंदर तरीके से दिखाई गई हैं। उसने सोचा कि अगर कविता में सिर्फ एक ही मौसम दिखाया गया होता, तो क्या अंतर आता? प्रश्न1: स्नेहा ने कविता में साल के सभी महीनों का चित्रण क्यों देखा? इसका संदेश क्या है? 2.अगर केवल एक मौसम का वर्णन होता, तो कविता का प्रभाव किस प्रकार बदल सकता था? कंपिटेंसी-बेस्ड प्रश्न 1. प्रश्न: “बारहमासा” कविता में विभिन्न महीनों की गतिविधियाँ और भावनाएँ दिखाई गई हैं। अपने अनुभव के आधार पर किसी महीने का चयन करें और निम्नलिखित लिखें: *उस महीने का मौसम *उस महीने में होने वाले प्रमुख काम या त्योहार *उस महीने के प्रति आपका अनुभव या भावना NOTE-अपनी हदी कॉपी में लिखें</p>
3	ODIA	<p>1. Project:- ଫଟୋ ଚିତ୍ର ମାଧ୍ୟମରେ ନିଜର ମନର ଭାବକୁ ପ୍ରକାଶ କର । i. ଗ୍ରୀଷ୍ମଋତୁରେ ତୁମ ଚାରିପାଖରେ ଏହି ଋତୁର ପ୍ରଭାବ କିଭଳି ରହିଛି, ତାହା ବର୍ଣ୍ଣନା କର । ii. ଏହି ଋତୁରେ କେଉଁ ସବୁ ଦୁର୍ଘଟଣା ଘଟେ ତାହାର ତାଲିକା କରି ସେଥିପାଇଁ କେଉଁ ସବୁ ସତର୍କତା ଅବଲମ୍ବନ କରିବା- ଆଲୋଚନା କର । iii. ଏହି ଋତୁର ତୁମକୁ କ’ଣ କ’ଣ ଖାଇବାକୁ ଓ କାମ କରିବାକୁ ଭଲ ଲାଗେ ତାହାର ତାଲିକା ପ୍ରସ୍ତୁତ କର । 2. Rachana:- ବିଜ୍ଞାନର ଉପକାରिता ଓ ଅପକାରिता ।</p>
4	MATHS.	<p style="text-align: center;">CH-1: RATIONAL NUMBERS</p> <p>1. Which of the following is not a rational number? a) 0 b) $\frac{-5}{-6}$ c) $\frac{5}{0}$ d) $\frac{5}{-6}$</p> <p>2. Which of the following is a negative rational number? a) $\frac{5}{8}$ b) $\frac{-5}{-6}$ c) $\frac{3}{-4}$ d) $\frac{3}{4}$</p> <p>3. Which of the following rational numbers has smaller value? a) 0 b) $\frac{-5}{-6}$ c) $\frac{-5}{6}$ d) $\frac{1}{6}$</p> <p>4. Which of the following rational numbers has greater absolute value? a) 0 b) $\frac{5}{6}$ c) $\frac{-7}{6}$ d) $\frac{1}{6}$</p> <p>5. Which of the following rational number is not in standard form? a) $\frac{7}{-6}$ b) $\frac{5}{7}$ c) $\frac{-11}{15}$ d) $\frac{15}{29}$</p> <p>6. Express $\frac{-4}{7}$ as a rational number with (i) Numerator 12 (ii) Denominator –28</p> <p>7. Convert the following rational numbers into standard form:</p>

		<p>a) $\frac{24}{36}$ b) $\frac{15}{-21}$ c) $\frac{-25}{-65}$ d) $\frac{-42}{63}$</p> <p>8. Find the absolute value of:</p> <p>a) $-\frac{4}{9}$ b) $\frac{13}{-21}$ c) $\frac{-25}{-66}$</p> <p>9. Write all the rational numbers whose absolute value is $\frac{4}{9}$.</p> <p>10. Write two rational numbers equivalent to $\frac{-5}{8}$.</p> <p>11. Show that $\frac{-3}{5}$ & $\frac{6}{-10}$ are equivalent rational numbers.</p> <p>12. Find x such that the rational numbers $\frac{x}{14}$ & $\frac{6}{-7}$ are equivalent.</p> <p>13. Find the value of x if</p> <p>(i) $\frac{x}{18} = \frac{7}{-9}$ (ii) $\frac{x}{3} = \frac{-8}{6}$ (iii) $\frac{9}{12} = \frac{x}{-8}$</p> <p>14. Find x & y such that $\frac{x}{12} = \frac{5}{-6} = \frac{y}{-18}$</p> <p>15. Fill in the blanks: $\frac{-3}{5} = \frac{6}{?} = \frac{?}{-15}$</p> <p>16. Compare: a) $\frac{-4}{3}$ & $\frac{1}{3}$ b) $\frac{13}{4}$ & $\frac{11}{5}$ c) $\frac{-8}{9}$ & $\frac{7}{-10}$ d) $\frac{-5}{-12}$ & $\frac{7}{15}$</p> <p>17. Arrange the following rational numbers in ascending order: $\frac{-7}{-8}$, $\frac{-3}{4}$, $\frac{11}{12}$, $\frac{5}{6}$</p> <p>18. Represent the following rational numbers on Number line: a) $-\frac{2}{3}$ b) $\frac{13}{4}$ c) $\frac{-7}{2}$ d) $\frac{23}{5}$</p> <p><u>ADDITIONAL ASSIGNMENT:</u></p> <p>1. <u>LEARN & MEMORISE:</u> Multiplication Table up to 25.</p> <p>2. <u>PROJECT WORK:</u> Write the followings about Rational Numbers in a $\frac{1}{4}$ Chart Paper.</p> <p>a) What are Rational Numbers? b) What are Equivalent Rational Numbers? c) What is the Standard form of a Rational Number? d) What is the Absolute Value of a Rational Number? Give examples in each case. Use Colour Pen & Make it Colourful. (Refer to the Book/CW Copy for this Project Work)</p>
5	PHYSICS	<p>1. Differentiate between heat and temperature?</p> <p>2. Explain the different effects of heat?</p> <p>3. Why are iron rims heated red hot before putting it over wooden carts?</p>
6	CHEMISTRY	<p>1. Write and learn the name, symbols, Atomic no. and Mass no. of first twenty elements in your cw copy in a tabular form.</p>
7	BIOLOGY	<p>Project Topic-Write down the different modes of nutrition in plants. Draw/paste pictures with proper explanation. Do in file paper.</p> <p>Questions-</p> <p>1. Digestion in Amoeba and fungus is different. Give reason. 2. How is a Pitcher plant modified to fulfill its nutrient requirement? 3. In which way a forest is considered as an independent unit?</p>
8	HIST/CIVICS	<p>History Read the following source carefully and answer the questions. Historical records of that period exist in a variety of languages. Over a period of time, they have undergone various changes in grammar, vocabulary and meaning or interpretation of different words. For example, the word 'Hindustan' is referred by some people, as a place where Hindus live. But today many people take an exception to the word and want to refer to it as 'India' only. According to our Constitution, the name of our country is India, i.e. Bharat. Hence, terms that are used in different context, at different times take into account the cultural, social and political conditions.</p>

		<p>Questions</p> <ol style="list-style-type: none"> 1. Write another name of India according to the Constitution. 2. Write the meaning of the word "Hindustan" according to some people. 3. Explain how the meaning of the word "Hindustan" has changed over time. <p>Civics</p> <p>Q. Write the names of the 28 states and 8 Union Territories of India along with their capitals.</p> <p>Note: Write the above homework neatly on the middle page of your notebook (homework section).</p> <p>Project: "Draw the map of India and locate all the states" (use chart paper).</p>
9	GEOGRAPHY	<p>Q.1. How can you say that environment has both natural and man-made elements? Write with example.</p> <p>Q.2. Among the four major elements of environment, atmosphere is the most dynamic in nature. Explain.</p> <p>Project:</p> <p>Q.3. Prepare a project report on Biosphere to explain the inter-relationship between living and non-living organism. (Use file paper)</p>
10	ART/CRAFT	<p>ART-Step by step book page number 2 to 10</p> <p>CRAFT- Flower pot using coconut shell with animal design.</p>
10	COMPUTER	<p>1. Write about the hardware and software characteristics of all five generation of computers. Draw/paste pictures with proper explanation. Do in file paper.</p> <ol style="list-style-type: none"> i. 1st Generation Computer ii. 2nd Generation Computer iii. 3rd Generation Computer iv. 4th Generation Computer v. 5th Generation Computer <p>(In tabular form)</p> <p>Q2. Neha visits a science exhibition where she sees different types of computers from the past to the present. She learns that early computers were very large and used vacuum tubes. Later, smaller and faster computers were developed using transistors and integrated circuits. Modern computers use microprocessors, and the latest ones are based on artificial intelligence.</p> <ol style="list-style-type: none"> 1. Which generation of computers used vacuum tubes? 2. Which generation used transistors? 3. Which generation used integrated circuits (ICs)? 4. Which generation introduced microprocessors?

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CLASS –VIII (Eng. Med.)

SL. NO.	SUBJECT	HOMEWORK ASSIGNED
1	ENGLISH	Q1. Present time is the best time for everyone. Justify this in relation to the chapter-“Three Questions.” Q2. Write 50 irregular verbs and their three forms. Like go-went-gone.
2	HINDI	1. कक्षा आठवीं के विद्यार्थियों द्वारा प्रिंसिपल को पत्र लिखें जिसमें “विद्यालय में विज्ञान लैब स्थापित करने का प्रस्ताव” दिया गया हो, पत्र में समस्या और समाधान भी स्पष्ट हों। 2. मित्र को पत्र लिखें जिसमें – गर्मी की छुट्टियों में “समाज सेवा में भाग लेने के अनुभव” साझा को किया गया हो। संरचना: (उत्साहपूर्ण, प्रेरक, सीख भी लिखें) 3. विद्यालय कप्तान की ओर से “ वन महोत्सव ” की जानकारी देते हुए 100 शब्दों में सूचना लिखें लिए 4. संकेत बिंदु के आधार पर अनुच्छेद लिखें - विषय -“मेरे शहर में बदलाव लाने का मेरा सुझाव” संकेत: समस्या, समाधान, सुझाव, लाभ हिंदी कॉपी में लिखें 5. ओडिशा एवं पंजाब “दो राज्यों के प्रमुख पर्यटन स्थल” का तुलनात्मक अध्ययन करते हुए एक कला समेकित परियोजना तैयार करें। (रंगीन चित्रों के साथ फाइल पेपर में) विवरण: ओडिशा के पुरी, कोणार्क, चिल्का झील और महाराष्ट्र के गेटवे ऑफ इंडिया, अजंता -एलोरा की तुलना। केस-बेस्ड प्रश्न: प्रश्न1: राहुल ने हाल ही में कविता “हम पंछी उन्मुक्त गगन के” पढ़ी। उसे यह देखकर अचरज हुआ कि कवि ने स्वतंत्रता और आत्मविश्वास की भावना को पंछियों के माध्यम से व्यक्त किया है। राहुल के स्कूल में एक गतिविधि में छात्रों को बताया गया कि इस कविता में व्यक्त विचार आज के युवा जीवन में किस प्रकार लागू हो सकते हैं। स्थिति: राहुल ने देखा कि उसके कुछ मित्र अपनी पढ़ाई और करियर के निर्णयों में दूसरों की राय को अधिक महत्व देते हैं और अपनी इच्छाओं के प्रति निष्क्रिय हैं। प्रश्न: राहुल अपने मित्रों को इस कविता से प्रेरित होकर किस प्रकार समझा सकता है कि जीवन में स्वतंत्र निर्णय लेना और आत्म-विश्वास होना क्यों महत्वपूर्ण है? (उत्तर में कविता की मुख्य थीम और वास्तविक जीवन में उनके अनुप्रयोग को शामिल करें।) कंपेटीसी आधारित प्रश्न: प्रश्न: 1. कविता “हम पंछी उन्मुक्त गगन के” से आप यह सीख सकते हैं कि व्यक्ति में आत्मविश्वास और स्वतंत्रता की भावना विकसित होना आवश्यक है।
3	ODIA	1. Project:- ଭୁବନା ଗଡ଼ାକାର ଏକ ସୁନ୍ଦର ଚିତ୍ର ଅଙ୍କନ କରି ତାର ଇତିହାସ ସମ୍ପର୍କରେ ଆଲୋଚନା କର । 2. Rachana:- ବିଜ୍ଞାନର ଉପକାରिता ଓ ଅପକାରिता ।
4	MATHS VIII	1. A gardener has 2000 plants. He wants to plant them such that the number of rows and columns are the same. How many more plants does he need? 2. The cost of leveling a square lawn is Rs.19, 935 at 15 per sq m. Find the cost of fencing at 50 per meter. 3. Find the smallest perfect square number divisible by 6, 9, 15, 20. 4. Area of a square field is 1000 sq.mt. . Find the estimated value of the side 5. ACTIVITY :- Write square and square roots up to 30 in chart paper.
5	PHYSICS	On a One-fourth chart paper, write about balanced and unbalanced forces pasting pictures and writing their differences.
6	CHEMISTRY	Project Name all the components obtained from petroleum and state one use of each of them in a 1/4 th of chart paper.
7	BIOLOGY	Project Topic-“Agricultural activities”. Explain all the steps/activities that a farmer need to practice for agriculture. Draw/paste pictures related to each agricultural practice. Do in file papers. Questions- 1. Field fallow helps to replenish soil fertility. Give reason. 2. Paddy cannot be grown in winter season. Justify.

		3. Farmers are advised to cultivate soya bean crop between two cereal crops. Explain. Do in biology copy.
8	HIST/CIVICS	<p>History Read the following source carefully and answer the questions. Letters, writings, speeches, etc.: They provide information about the developments that take place during a particular period. For example, the collection of writings of Gandhiji at the Gandhi Smriti near Rajghat, which is one of the biggest museum on Gandhiji, has a library with around 60,000 books. It also has about 6,000 original photographs of to his de Gandhiji. 'Freedom is our birth right, the slogan given by Bal Gangadhar Tilak and the call given by Netaji Subhash Chandra Bose, 'You give me blood and I will give you freedom' and many other slogans tell us about the patriotic feelings and the national fervour during our struggle for independence.</p> <p>Questions</p> <ol style="list-style-type: none"> 1. Name the place where the writings of Mahatma Gandhi are preserved. 2. Identify the person associated with the slogan "Freedom is our birth right" 3. Explain how the slogans of Bal Gangadhar Tilak and Subhas Chandra Bose reflect patriotism. <p>Civics</p> <ol style="list-style-type: none"> 1. Define the Constitution. 2. Mention any five purposes which the constitution of India serves towards strengthening democracy. <p>Note: Write the above homework neatly on the middle page of your notebook (homework section).</p> <p>Project –"Draw and decorate the Preamble of the Constitution of India."(Use chart paper)</p>
9	GEOGRAPHY	<p>Q1. Distinguish between renewable and non-renewable resources. Which one of the two would you prefer to use and why?</p> <p>Q.2. Draw a flow diagram on various basis of classification of resources with the help of examples.</p> <p>Q.3. "Human beings considered the most important resources for development." Explain .</p> <p>Project: Prepare a project report to explain the classification of resources with examples.</p>
10	COMPUTER	<p>Your school has introduced an online library system. Students can search for books, check availability, and reserve them using computers in the lab. The system stores all book information on a central computer.</p> <ol style="list-style-type: none"> 1. Identify which computer acts as the client and which acts as the server in this system. 2. Explain how the client and server interact when a student searches for a book. 3. What would happen if the server stops working? How will it affect students? 4. Suggest one advantage and one disadvantage of using a client-server system in this situation.

DAV PUBLIC SCHOOL, KANSBAHAL

SUMMER HOLIDAY HOMEWORK: 2026-27

CLASS –IX (Eng. Med.)

SL. NO.	SUBJECT	HOMEWORK ASSIGNED
1	ENGLISH	Q1.Prepare a tense chart on a A4 size drawing chart with one example. Q2.Write a diary entry how you spent your summer holidays in 150 words
2	HINDI	<p>1.ओड़िशा एवं पंजाब के त्योहारों का तुलनात्मक अध्ययन कर एक कला -समेकित परियोजना तैयार करें।</p> <p>2.अपने मित्र को 100 से 120 शब्दों में पत्र लिखें जिसमें गर्मी की छुट्टियां आपके पास बिताने का बिताने का आमंत्रण दिया गया हो।</p> <p>3.. दिए गए विषयों पर अनुच्छेद 150 शब्दों में अनुच्छेद लिखें- विषय: इंटरनेट का उपयोग और प्रभाव संकेत बिंदु:- *इंटरनेट का अर्थ * इसके उपयोग के क्षेत्र * शिक्षा और सूचना में भूमिका * इसके लाभ *इसके दुष्प्रभाव केस-आधारित प्रश्न: एक गाँव में दो बैल – हीरा और मोती – अपने मालिक के साथ रहते थे। वे बहुत मेहनती और वफादार थे। एक दिन उनके मालिक ने उन्हें दूसरे गाँव भेज दिया। नए मालिक ने उनके साथ अच्छा व्यवहार नहीं किया, उन्हें कम खाना दिया और ज्यादा काम कराया। इससे दुखी होकर दोनों बैल वहाँ से भाग निकले। रास्ते में उन्होंने कई कठिनाइयों का सामना किया, लेकिन अपनी समझदारी और आपसी सहयोग से वे अपने पुराने घर लौट आए।</p> <p>?प्रश्न:</p> <p>1.हीरा और मोती ने नए मालिक के घर से भागने का निर्णय क्यों लिया? 2.इस केस के आधार पर बताइए कि "वफादारी" और "स्वाभिमान" का क्या महत्व है? 3.रास्ते में आई कठिनाइयों से निपटने में दोनों बैलों ने कौन-सी विशेषताएँ दिखाई? 4.इस कहानी से हमें पशुओं के प्रति कैसा व्यवहार करना चाहिए, यह क्या सीख मिलती है?</p> <p>कॉम्पिटेंसी प्रश्न 1 (विश्लेषणात्मक कौशल):</p> <p>1.हीरा और मोती के व्यवहार का विश्लेषण कीजिए। वे किन परिस्थितियों में भी अपने स्वाभिमान और मित्रता को बनाए रखते हैं? अपने उत्तर में उदाहरण सहित स्पष्ट करें।</p> <p>प्रश्न 2 (अनुप्रयोग कौशल):</p> <p>यदि आप हीरा और मोती की जगह होते, तो कठिन परिस्थितियों में क्या निर्णय लेते? अपने उत्तर को तर्क सहित समझाइए।</p> <p>प्रश्न 3 (मूल्य आधारित कौशल):</p> <p>इस कहानी के आधार पर पशुओं के प्रति मानवीय व्यवहार का महत्व स्पष्ट कीजिए। आज के समाज में इस सीख को कैसे लागू किया जा सकता है? नोट - अपनी नई हिंदी किताब ' गंगा ' खरीदें और सभी पाठों को ध्यान से पढ़ें।</p>
3	ODIA	1. ରରନା – ଅରହାଏ ସମ୍ପଦର ସୁରକ୍ଷା 2. ସକ୍ଷି- ଅନୁଶୀଳନୀ
4	MATHS	1. If $(x+1/x) = \sqrt{3}$, the value of (x^3+1/x^3) will become A) -4 B) 0 C) 3 D) -3 2. If $x+2$ and $x-1$ are the factors of x^3+10x^2+mx+n , then the values of m and n are respectively A) 5 and -3 B) 17 and -8 C) 7 and -18 D) 23 and -19 3. The value of $p(x) = x^3 - 3x^2 + 3x - 1$ at $x=3$ is A) 9 B) 8 C) 10 D) 0 4. If $f(x) = 5x^2 - 4x + 5$, then the value of $f(1) + f(-1) + f(0)$ will become A) 20 B) 25 C) -25 D) -20 5. Assertion(A): $\sqrt{3}$ is an irrational number. Reason(R): The sum of a rational number and an irrational number is an irrational number. A) Both A and R are true and R is the correct explanation of A.

		<p>B) Both A and R are true but R is not the correct explanation of A</p> <p>C) A is true but R is false.</p> <p>D) A is false but R is true.</p> <p>6. Plot the points (3,4) (-3,4) (-3,-4)(3,-4). Plot on a graph and after Joining the points and name the fig and hence find the area of the fig.</p> <p>7. Plot the points (7,7) (-7,7) (-7,-7)(7,-7). Plot on a graph and after Joining the points and name the fig and hence find the area of the fig.</p> <p>8. Plot the points (5,7) (0,0) (10,0). Plot on a graph and after joining name the fig and hence find the area of it.</p> <p>9. ACTIVITY: MAKE AN ACTIVITY ON SQUARE ROOT SPIRAL ON ONE FOURTH OF CHART PAPER.</p>
5	PHYSICS	<p>Solve the following:</p> <ol style="list-style-type: none"> Ramesh walks 400 m east, then 300m north, then 400 m west. <ol style="list-style-type: none"> Find the distance travelled? Find the displacement? Bus travels 10 km in 20 min and 20 km in 40 min <ol style="list-style-type: none"> Find the distance travelled? Find the time taken? Calculate the average speed?
6	CHEMISTRY	<ol style="list-style-type: none"> Write and learn the name of cations, anions, symbol and their valencies of different elements in a tabular form. List 10 pure substances and 10 mixtures available in your kitchen. Write a short paragraph on how water is purified in a sewage treatment plant.
7	BIOLOGY	<p>Project</p> <p>Topic- Plant and animal cells. Draw, colour and label plant and animal cells. Do in file papers.</p> <p>Questions-</p> <ol style="list-style-type: none"> Salt is sprinkled on some i)cut pieces of raw potatoes & ii)cut pieces of boiled potatoes. Explain your observation. Name the process involved in both cases. The knowledge of plasmolysis can be applied in day-to-day life. Give some examples. <p>Do in biology copy.</p>
8	HIST/CIVICS	<ol style="list-style-type: none"> Explain the scope of Social Science and why it is considered multi dimensional. Describe the role of Social Science in understanding social change. Explain the role of Social science in promoting democratic values and citizenship. Read the following source and answer the questions. <p>Social Science is the study of society and social relationship. It helps us understand how people organize their lives interact with one another and function within social , economic and political institutions. The subject also explains how societies change over time and how social problems can be understood logically.</p> <ol style="list-style-type: none"> What does Social Science study? Name any one institution studied under Social Science. How does Social Science help in understanding social problems? <p><u>Project</u></p> <p>5. Describe any decision making process that took place in your family/locality.</p>
9	GEOGRAPHY	<p>Q.1. "The earth is a dynamic planets". Explain the theory of plate tectonic with suitable example.</p> <p>Q.2. Differentiate between weathering and erosion with example.</p> <p><u>Project:</u></p> <p>Q.3. Explain the three types of plates with diagram.</p>
10	ECONOMICS	<p>Q.1. Explain the meaning of unlimited wants with example.</p> <p>Q.2. How does opportunity cost help in decision – making. Explain.</p> <p>Q.3. Explain the concept of scarcity and the need for choice with suitable example.</p>
11	COMPUTER	<p>Q1. Riya is giving a presentation in class about "Cyber Safety." She speaks clearly, uses simple</p>

language, maintains eye contact, and shows charts on the board. After the presentation, she also submits a written report to her teacher.

1. Identify the three types of communication skills used by Riya in this situation.
2. Give one example of each type from the scenario.
3. Explain why using all three types of communication is important for effective communication.
4. Suggest one way by which Riya can improve each type of communication skill.

Q2. Manya wishes to become a doctor in the future. However she is lazy and keeps on postponing things. Imagine yourself as her elder sister or brother. Now being the elder brother or sister solve the questions:

1. What problem is Manya facing that may stop her from achieving her goal?
2. How can self-management help Manya achieve her aim of becoming a doctor?
3. Suggest two self-management techniques Manya can use to improve her habits.
4. What are two advantages of self-management in Manya's life?

DAV PUBLIC SCHOOL, KANSBAHAL

SUMMER HOLIDAY HOMEWORK: 2026-27

CLASS –X (Eng. Med.)

SL. NO.	SUBJECT	HOMEWORK ASSIGNED
1	ENGLISH	<p>1. Letter Writing Task Write a letter to God expressing gratitude for His blessings and seeking guidance to overcome one of your personal problems.</p> <p>2. Project Work Prepare a project in file paper showcasing any ten literary devices. For each device, provide a definition and at least one example. Suggested devices: Simile, Metaphor, Alliteration, Personification, Enjambment, Irony, Symbol, Assonance, Consonance, and Onomatopoeia.</p> <p>3. Practice the following Tongue Twisters for speech clarity</p> <ol style="list-style-type: none"> Peter Piper picked a peck of pickled peppers. I wish to wish the wish you wish to wish.
2	HINDI	<p>1. भक्ति कालीन कवियों एवं लेखकों का कोलाज निर्माण करें?</p> <p>2. ओड़िशा एवं पंजाब के खानपान व संस्कृति पर कला समेकित परियोजना का निर्माण करें।</p> <p>3. दिए गए विषयों पर अनुच्छेद 150 शब्दों में अनुच्छेद लिखें- विषय: डिजिटल शिक्षा (Digital Education) संकेत बिंदु:- *डिजिटल शिक्षा का अर्थ *कोरोना काल में इसका महत्व, * इसके लाभ, * इसकी चुनौतियाँ * भविष्य में इसकी भूमिका</p> <p>4. आपका नाम मुदित/ मुदिता है प्रतियोगी परीक्षाओं में प्रवेश हेतु प्रदेश सरकार द्वारा आर्थिक दृष्टि से कमजोर प्रतिभाशाली छात्रों के लिए निःशुल्क शिक्षण की व्यवस्था की सराहना करते हुए किसी दैनिक समाचार पत्र के संपादक को लगभग 120 शब्दों में एक पत्र लिखिए?</p> <p>5. केस स्टडी:- रमेश और सुरेश दो भाई हैं। सुरेश उम्र में बड़ा है और पढ़ाई को बहुत गंभीरता से लेता है। वह मानता है कि सफलता के लिए अनुशासन, मेहनत और समय का सही उपयोग बहुत ज़रूरी है। दूसरी ओर, रमेश छोटा है और खेल-कूद तथा मौज-मस्ती में अधिक रुचि रखता है। सुरेश दिन-रात पढ़ाई करता है, लेकिन कई बार परीक्षा में असफल हो जाता है। वहीं रमेश कम पढ़ाई के बावजूद अच्छे अंक ले आता है। इससे सुरेश को आश्चर्य भी होता है और थोड़ी निराशा भी। फिर भी वह रमेश को समझाता रहता है कि केवल पास होना ही पर्याप्त नहीं, बल्कि ज्ञान प्राप्त करना अधिक महत्वपूर्ण है।</p> <p>प्रश्न:</p> <ol style="list-style-type: none"> सुरेश के अनुसार सफलता के लिए कौन-कौन से गुण आवश्यक हैं? रमेश के व्यवहार और सुरेश के विचारों में क्या अंतर है? सुरेश बार-बार असफल होनेके बावजूद रमेश को क्यों समझाता रहता है? इस केस के आधार पर "केवल परीक्षा में पास होना ही शिक्षा का लक्ष्य नहीं है" — इस कथन की व्याख्या कीजिए। आपको किसका दृष्टिकोण अधिक सही लगता है — सुरेश का या रमेश का? अपने उत्तर का कारण दीजिए। <p>हरिहर काका कॉम्पिटेन्सी बेस्ड केश्वन</p> <ol style="list-style-type: none"> विश्लेषण आधारित प्रश्न :- हरिहर काका के साथ गाँव के लोगों और उनके अपने रिश्तेदारों का व्यवहार अलग-अलग क्यों था? अपने उत्तर में सामाजिक और व्यक्तिगत स्वार्थों का विश्लेषण करें। अनुप्रयोग आधारित प्रश्न :- यदि आप हरिहर काका की जगह होते, तो अपनी संपत्ति के बारे में क्या निर्णय लेते और क्यों? अपने उत्तर को तर्क सहित स्पष्ट करें। मूल्यांकन आधारित प्रश्न :- कहानी में धर्म और लालच के बीच संघर्ष को किस प्रकार दिखाया गया है? क्या आपको लगता है कि धार्मिक संस्थाओं का व्यवहार उचित था? अपने विचार उदाहरण सहित प्रस्तुत करें। हिंदी कॉपी में लिखें।
3	ODIA	<p>୧. 'ସାଧାରଣ ଅଶୁଦ୍ଧ' ରୁ ଡିକୁ ଖାତାରେ ଲେଖିବେ ।</p> <p>୨. ରଚନା- ରଣମାଧବର ଭୂମିକା</p> <p>୩. ପ୍ରକଳ୍ପ- ପ୍ରସିଦ୍ଧ ଛାତ୍ରର ନାମ, କ'ଣ ପାଇଁ ପ୍ରସିଦ୍ଧ ଚିତ୍ରମାଧବରେ ଏକ ନମୁନା ପ୍ରସ୍ତୁତ କର ।</p>
4	MATHS	<p>1. The largest number which divides 70 and 125, leaving remainders 5 and 8</p>

8	HIST/CIVICS	<p>1. Describe any five steps taken by French Revolutionaries to create a sense of collective identity among the French people .</p> <p>2.” Napoleon had destroyed democracy in France but in the administrative. field he had incorporated revolutionary principles in order to make the whole system more rational and efficient “. Analyse the statement with arguments.</p> <p>3. Culture Played an important role in creating the idea of the nation in Europe . " Support the statement with Examples .</p> <p>4. Why did he prepare a series of prints based on democratic and socialist republic in 1848?</p> <p>5. The decade of 1830 had brought great economic hardship in Europe? Support the statement with arguments.</p> <p>6. Describe the role of Otto von Bismarck in the making of Germany.</p> <p>7. What was the objective of the Treaty of Vienna?</p> <p>8. Who was Giuseppe Mazzini?</p> <p>9. Who were liberal nationalists?</p> <p>10. Describe the process of ' Unification of Italy.</p> <p>11. Discuss the process of Greek war of Independence?</p> <p>12.Read the source given below and answer the following questions.</p> <p>The most serious source of nationalist tension in Europe after 1871 was the area called the Balkans. The Balkans was a region of geographical and ethnic variation comprising modern-day Romania, Bulgaria, Albania, Greece, Macedonia, Croatia, Bosnia-Herzegovina, Slovenia, Serbia and Montenegro whose inhabitants were broadly known as the Slavs. A large part of the Balkans was under the control of the Ottoman Empire. The spread of the ideas of romantic nationalism in the Balkans together with the disintegration of the Ottoman Empire made this region very explosive. All through the nineteenth century the Ottoman Empire had sought to strengthen itself through modernisation and internal reforms but with very little success. One by one, its European subject nationalities broke away from its control and declared independence. The Balkan peoples based their claims for independence or political rights on nationality and used history to prove that they had once been independent but had subsequently been subjugated by foreign powers. Hence the rebellious nationalities in the Balkans thought of their struggles as attempts to win back their long lost independence.</p> <ol style="list-style-type: none"> 1. Who were the Slaves? 2 .How had the Ottoman Empire sought to strengthen its power? 3. What made the region of the Balkans to be described as explosive?
9	GEOGRAPHY	<p>Q.1. In India, some regions are rich in certain types of resources but deficient in some other resources. Support your answer with any three example.</p> <p>Q.2. Explain the main causes of land degradation in Gujarat, Rajasthan and Madhya Pradesh? How can it be checked? Explain.</p> <p>Project:</p> <p>Q.3.Prepare a report to explain the types of resources with example.</p>
10	ECONOMICS	<p>Economics:Complete the Project on Consumer Rights and Awareness.Write NCERT Question-answers and notes in Economics Notebooks.</p>
11	COMPUTER	<p>Q1. Riya is giving a presentation in class about “Cyber Safety.” She speaks clearly, uses simple language, maintains eye contact, and shows charts on the board. After the presentation, she also submits a written report to her teacher.</p> <ol style="list-style-type: none"> 1. Identify the three types of communication skills used by Riya in this situation. 2. Give one example of each type from the scenario. 3. Explain why using all three types of communication is important for effective communication. 4. Suggest one way by which Riya can improve each type of communication skill. <p>Q2. Vani gets too nervous when she gets on the stage. She made mistake and forgot her dialogue during a cultural event. As a result, the audience misinterpreted her part and got confused. Which type of communication barrier led to misinterpretation? Discuss.</p>

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SUMMER HOLIDAY HOMEWORK: 2026-27

CLASS –XI

SL. NO.	SUBJECT	HOMEWORK ASSIGNED
1	ENGLISH	<ol style="list-style-type: none"> In Khushwant Singh's The Portrait of a Lady, the grandmother symbolizes simplicity, faith, and love. Prepare a speech on the values we can learn from her life. Shirley Toulson's poem, A Photograph shows how a simple picture can capture joy, preserve memory, and remind us of the inevitability of loss. Write a short piece describing a photograph that is special to you. <p>1. Practice the following Tongue Twisters for speech clarity</p> <ol style="list-style-type: none"> How much wood would a woodchuck chuck, if a woodchuck could chuck wood? If two witches were watching two watches, which witch would watch which watch?
2	MATHS	<ol style="list-style-type: none"> For all set A and B, $(A - B) \cup (A \cap B)$ is (a) A (b) B (c) $A \cap B$ (d) \emptyset Two finite sets have x and y elements. The number of subsets of the first set is 112 more than that of the second set. The value of x and y are _____ A survey shows that 63% of the people watch a news channel whereas 76% watch another channel. If P% of the people watch both the channel then the value of P is ____ If A and B are two sets then $A \cap (A \cup B)$ is equal to what, draw it by venn diagram? If $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$, $A = \{1, 2, 3, 5\}$, $B = \{2, 4, 6, 7\}$ and $C = \{2, 3, 4, 8\}$, then (i) verify 'De Morgan's Law' (ii) find $(B \cup C)'$ and $(C - A)'$ In a town of one lakh families, it was found that 40% families buy newspaper A, 20% buy B, 10% buy C, 5% buy A and B, 3% buy B and C and 5% buy A and C. If 2% buy all three newspaper, from venn diagram find (i) the number of families buy newspaper, A only (ii) the number of families which buy none of A, B and C
3	PHYSICS	https://getshared.com/s/EHrc8FVvsuFs
4	CHEMISTRY	<ol style="list-style-type: none"> Solve the numerical based on each laws of chemical combinations. List the elements of atomic no. 1 to 30 and write their atomic mass and atomic number. Calculate the molecular mass of 20 compounds.
5	BIOLOGY	<ol style="list-style-type: none"> Draw the well labeled structures of various types of chromosomes based on the position of centromere. (Use file paper for this.) Compare between the structures of mitochondria & chloroplast. Why are they called as semiautonomous organelles? Differentiate between 70S & 80S type of ribosomes. What does 'S' signify here? Explain structure of eukaryotic nucleus with functions of its various parts. Cilium or flagellum contains Nine plus Two arrangement of microtubules. Justify this by drawing & explaining its diagram.
6	COMPUTER	<ol style="list-style-type: none"> Complete the exercise of Computer System Overview. Complete the exercise of Data Representation.
7	PHY EDN	<ol style="list-style-type: none"> Technological advancement has brought positive changes in the field of physical education. Explain with the help of any five points. Olympism is not only showcasing skills of games but also values. Give your answer in support of the above statement. Khelo India Movement has laid a new foundation in the field of fitness. Explain with the help of its components. Role of IOC is very vital in conduct of Olympics. Justify by writing any five functions of IOC.
8	ACCOUNTANCY	<p>Answer the following questions:</p> <ol style="list-style-type: none"> What is Accounting? Explain its objectives. Define Assets, Liabilities, and Capital with examples. Distinguish between: *Bookkeeping and Accounting.

		<p>*Accounting and Accountancy</p> <p>4).Prepare short notes on :-</p> <ol style="list-style-type: none"> 1.Assets 2.Business Transaction 3.Liability 4.Capital 5.Drawings 6.Goods 7.Debtor 8.Creditor <p>5.) Prepare mind map of Ch-1</p>
9	B STUDIES	<p>Case:</p> <p>Riya started a small homemade chocolate business from her home. Initially, she managed everything alone, but as demand increased, she hired 3 employees. She also started promoting her business on social media.</p> <p>Questions:</p> <ol style="list-style-type: none"> 1.Identify the type of business activity Riya is engaged in. 2.Explain any 4 characteristics of business visible in the case. 3.What challenges might she face as her business grows? 4.Suggest any 2 ways to improve her business efficiency. <p>Section B: Short Answer Questions</p> <ol style="list-style-type: none"> 1.What is business? 2.Difference between Economic and Non-economic activities. 3.Define Profession with examples 4.What is Industry? Explain its types briefly 5.What is Commerce? <p>Section C: Long Answer Questions</p> <ol style="list-style-type: none"> 1.Explain the Characteristics of Business in detail. 2.Distinguish between Business, Profession, and Employment 3.Explain the Objectives of Business (Economic & Social) 4.What are the different types of Industries? Explain with examples
10	ECONOMICS	<ol style="list-style-type: none"> 1. Solve mean in all the three methods of individual, discrete and continuous series. 2. Write the properties of arithmetic mean.

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SUMMER HOLIDAY HOMEWORK: 2026-27

CLASS –XII

SL. NO.	SUBJECT	HOMEWORK ASSIGNED
1	ENGLISH	<ol style="list-style-type: none"> Kamala Das's poem My Mother at Sixty-Six reflects the universal fear of losing a loved one. Write a heartfelt letter to your mother expressing your love, gratitude, and appreciation for her presence in your life. The chapter The Last Lesson reminds us that we often realize the value of something only when it is lost. Write an article on the importance of valuing education before it is too late. Practice the following Tongue Twisters for speech clarity <ol style="list-style-type: none"> How much wood would a woodchuck chuck, if a woodchuck could chuck wood? If two witches were watching two watches, which witch would watch which watch?
2	MATHS	<ol style="list-style-type: none"> A set contains 7 elements and Set B contains 6 elements, then the number of one-one and onto mapping from A to B is- <ol style="list-style-type: none"> 720 120 0 None Let $A = \{1, 2, 3, \dots, n\}$ and $B = \{a, b\}$. Then the no. of surjection from A to B is- <ol style="list-style-type: none"> np_2 $2^n - 2$ $2^n - 1$ $n^2 - n$ If $\tan^{-1}(\cos x) = \tan^{-1}(2\operatorname{cosec} x)$ then x is- <ol style="list-style-type: none"> $\frac{\pi}{4}$ $\frac{\pi}{4}$ $\frac{\pi}{2}$ $\frac{\pi}{2}$ Prove that $\cot\left(\frac{\pi}{4} - 2\tan^{-1}\frac{1}{3}\right) = 7$. Let $A = \{1, 2, 3, \dots, 9\}$ and R be the relation in $A \times A$ defined by $(a, b) R (c, d)$ if $a + d = b + c$ for $(a, b), (c, d)$ in $A \times A$. Prove that R is an equivalence relation and also obtain equivalence class $[(3, 5)]$. Show that $A = \begin{bmatrix} 5 & 3 \\ -1 & -2 \end{bmatrix}$ satisfies the equation $A^2 - 3A - 7I = 0$. Also find A^{-1}. Show that $\sin^{-1}\frac{5}{13} + \sin^{-1}\frac{14}{5} = \tan^{-1}\frac{163}{16}$. If $f(x) = \begin{bmatrix} \cos x & \sin x \\ -\sin x & \cos x \end{bmatrix}$, then show that $f(x).f(y) = f(x + y)$ If A in a square matrix such that $A^2 = A$, find: <ol style="list-style-type: none"> $(I + A)^3 + 7A =$ $(I + A)^3 - (I - A)^3 =$ If A in a square matrix of order 3×3 and $A = -5$, then find: <ol style="list-style-type: none"> $adj A$ $A adj A$ A^{-1} $3A$
3	PHYSICS	https://getshared.com/s/NYc8vJtJWpYR
4	CHEMISTRY	<ol style="list-style-type: none"> Solve the 30 numerical based on: <ol style="list-style-type: none"> Conc. Of solution (molarity, molality, percentage, PPM, mole fraction. Henry's Law Raoult Law RLVP, Elevation on boiling point, Depression in freezing point, Osmotic pressure Abnormal molecular mass and Van't Hoff factor. Solve 20 MCQ and 10 Assertion-Reasoning questions. Define the terms, 'osmosis' and 'osmotic pressure'. What is the advantage of using osmotic pressure as compared to other colligative properties for the determination of molar masses of solutes in solutions? <ol style="list-style-type: none"> On mixing liquid X and liquid Y, volume of the resulting solution decreases. What type of deviation from Raoult's law is shown by the resulting solution? What change in temperature would you observe after mixing liquids X and Y? What happens when we place the blood cell in water (hypotonic solution)? <ol style="list-style-type: none"> Gas (A) is more soluble in water than Gas (B) at the same temperature. Which one of the two gases will have the higher value of K_H (Henry's constant) and why? In non-ideal solution, what type of deviation shows the formation of maximum boiling azeotropes? (a) When 2.56 g of sulphur was dissolved in 100 g of CS_2, the freezing point lowered

		<p>by 0.383 K. Calculate the formula of sulphur (S_x).</p> <p>(K_f for $CS_2 = 3.83 \text{ K kg mol}^{-1}$, Atomic mass of Sulphur = 32 g mol^{-1})</p> <p>(b) Blood cells are isotonic with 0.9% sodium chloride solution. What happens if we place blood cells in a solution containing</p> <p>(i) 1.2% sodium chloride solution?</p> <p>(ii) 0.4% sodium chloride solution?</p> <p>7. Aarav Sharma is very fond of a special drink made by his grandmother using different fruits available in their hometown. It has an outstanding taste and also provides great health benefits of natural fruits. He thought of utilizing his grandmother recipe to create a new product in the beverage market that provide health benefits and also contain fizziness of various soft drinks available in the market. Based on your understanding of solutions chapter, help Aarav Sharma to accomplish his idea by answering following:</p> <p>(a) How he can add fizz to the special drink made by his grandmother?</p> <p>(b) What is the law stated in the chapter that can help Aarav to make his drink fizzy?</p> <p>(c) What precautions he should take while bottling so that his product does not lose fizz during storage and handling across long distances?</p> <p>Long Answer Type Questions</p> <p>1. Using Raoult's law, explain how the total vapour pressure over the solution is related to the mole fraction of components in the following solutions.(i) $CHCl_3(l)$ and $CH_2Cl_2(l)$ (ii) $NaCl(s)$ and $H_2O(l)$</p> <p>2. Explain the terms ideal and non-ideal solutions in the light of forces of interactions operating between molecules in liquid solutions.</p> <p>3. Why is it not possible to obtain pure ethanol by fractional distillation? What general name is given to binary mixtures which show deviation from Raoult's law and whose components cannot be separated by fractional distillation? How many types of such mixtures are there?</p> <p>4. When kept in water, raisins swell in size. Name and explain the phenomenon involved. Give three applications of the phenomenon.</p> <p>5. How can you remove the hard calcium carbonate layer of the egg without damaging its semipermeable membrane? Can this egg be inserted into a bottle with a narrow neck without distorting its shape? Explain the process involved.</p> <p>6. Why is the mass determined by measuring a colligative property in case of some solutes are abnormal? Discuss it with the help of the Van't Hoff factor.</p>
5	BIOLOGY	<p>1. In a human female, probability of an ovum to get fertilized by more than one sperm is impossible. Justify.</p> <p>2. Draw the diagram of human sperm. Label its various parts which help this in swimming.</p> <p>3. Explain the hormonal regulation of the process of spermatogenesis.</p> <p>4. Meiotic division during oogenesis is different from that in spermatogenesis. Explain how & why.</p> <p>5. Draw a well labeled diagram of menstrual graph & explain various ovarian & uterine events during various phases.</p> <p>6. Differentiate between</p> <ol style="list-style-type: none"> In-vitro & in vivo fertilization ZIFT &GIFT ICSI & AI IUI & IUT <p>7. Biology investigatory project on any latest topic</p>
6	COMPUTER	<p>1. Complete the exercise of Python Revision Tour – I.</p> <p>2. Complete the exercise of Python Revision Tour – II.</p>
7	PHY EDN	<p>Competency Questions-</p> <p>1. Draw a fixture of 18 teams in a knockout tournament.</p> <p>2. Draw a fixture of 21 teams in knockout tournament where two teams are seeded.</p> <p>3. Draw a fixture of 7 teams in a league tournament following i) cyclic ii) staircase and tabular method.</p>

		4. Draw a fixture of 19 teams following knockout-cum-league combination method.
8	ACCOUNTANCY	<p>Part A :Revise Chapter 1 – Accounting for Partnership Firms (Fundamentals)</p> <p>Meaning & features of partnership</p> <p>Partnership deed</p> <p>Profit-sharing ratio</p> <p>Interest on capital & drawings</p> <p>Past adjustments</p> <p>Goodwill (Up to Super Profit Method)</p> <p>Average profit method</p> <p>Super profit method</p> <p>Part B: Practical Questions</p> <p>Solve the following in your notebook:</p> <p>5 Numerical Questions from each topic</p> <p>Interest on Capital & Drawings</p> <p>Past Adjustments</p> <p>Guarantee to Partners.</p> <p>Manager's Remuneration.</p> <p>5 Questions on Goodwill Valuation : Average Profit Method, Super Profit Method</p>
9	B STUDIES	<p>Revise the following chapters:</p> <p>1) Nature and Significance of Management</p> <p>2) Principles of Management.</p> <p>Prepare mind maps of both the chapters and solve all the question ans given in the book.</p> <p>Prepare short notes on:</p> <p>1.Features & Nature of management.</p> <p>2.Fayol's principles (14 Principles)</p>
10	ECONOMICS	<p>1.Solve 80 unsolved Numerical of the lesson "National Income"from Sandeep Garg.</p> <p>2.Write 100 Factor included and excluded from national and domestic income with reasons.</p>

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SUMMER HOLIDAY HOMEWORK: 2026-27

CLASS –VII (OM)

SL. NO.	SUBJECT	HOMEWORK ASSIGNED
1	ENGLISH	1. Write an essay on the topic "Your Mother". 2. Write an application to your headmistress to grant you leave for the remaining periods. 3. Write a letter to your uncle thanking him for the bicycle he gifted you on your birthday.
2	HINDI	VII – हिंदी 1. 'अपना-अपना काम करो' पाठ को पढ़कर सुंदर अक्षरों में कॉपी में लिखना है। 2. हिंदी वर्णमाला को तीन बार लिखना है तथा स्वर वर्णों की विभिन्न मात्राओं से पाँच-पाँच शब्द बनाने हैं। 3. अपनी पसंदीदा ऋतु के विषय में एक अनुच्छेद लिखना है।
3	ODIA	ODIA -ଓଡ଼ିଆ ୧. ଦରଖାସ୍ତ: ତୁମକୁ କ୍ଷର ହୋଇଥିବାରୁ ତୁମେ ତିନିଦିନ ବିଦ୍ୟାଳୟରେ ଅନୁପସ୍ଥିତ ଥିଲ। କ୍ଷୁଚି ମଞ୍ଜୁର କରିବା ପାଇଁ ପ୍ରଧାନ ଶିକ୍ଷକଙ୍କ ନିକଟକୁ ଦରଖାସ୍ତ ଲେଖ। ୨. ରଚନା: ଗ୍ରୀଷ୍ମ ଋତୁ ଉପରେ ଏକ ରଚନା ଲେଖ। ୩. ରଚନା - ବ୍ୟାୟାମର ଉପକାରिता
4	MATHS.	1. କ୍ରିୟୋଟିଭ ଚିଟି କାଲ୍କୁଲେଟର ର ବଚନ ଗୁଡ଼ିକ (+1 ,+10 , +100 , +1000 ,+10000) ବ୍ୟବହାର କରି a. 5072 ପାଇବା ପାଇଁ 3 ଟି ଉପାୟ ଲେଖ । b. 25 ଥର ବଚନ ଦବାଇ 997 ପାଇବାର ପରିପ୍ରକାଶ ଟି ଲେଖ । c. 30 ଥର ବଚନ ଦବାଇ କେଉଁ ତିନି ଅଙ୍କ ବିଶିଷ୍ଟ ବୃହତ୍ତମ ଓ କ୍ଷୁଦ୍ରତମ ସଂଖ୍ୟା ପାଇପାରିବା ? d. 23 ଥର ବଚନ ଦବାଇ 5072 ସଂଖ୍ୟା ଟି ପାଇବାର ଉପାୟ ଲେଖ । 2. ସଂଖ୍ୟା ଗୁଡ଼ିକୁ କମା ବ୍ୟବହାର କରି ଉଭୟ ଭାରତୀୟ ଓ ଆମେରିକୀୟ ଲିଖନ ପ୍ରଣାଳୀରେ ଅକ୍ଷର ରେ ଲେଖ (a) 4050678 (b) 20022002 (c) 34500543 (d) 48121620 (e) 246813579
5	GSC	1. ପଦାର୍ଥର ଅବସ୍ଥା କେତେ ପ୍ରକାରର ଓ ବିଭିନ୍ନ ଅବସ୍ଥାରେ ଗଠନ କିପରି ହୋଇଥାଏ ବୁଝାଅ । 2. ଆଲୋକଶ୍ଳେଷଣ ପ୍ରକ୍ରିୟା କାହାକୁ କହନ୍ତି । ଉଭୟ ପାଇଁ ଏହା କାହିଁକି ଆବଶ୍ୟକ 3. ଅମ୍ଳ ଓ କ୍ଷାର କାହାକୁ କହନ୍ତି ? ତୁମେ ଦୈନିକ ବ୍ୟବହାର କରୁଥିବା ପଦାର୍ଥ , ଫଳମୂଳ ଇତ୍ୟାଦିରେ କେଉଁ ଅମ୍ଳ ଥାଏ ଏହାର ଏକ ତାଲିକା ପ୍ରସ୍ତୁତ କର
6	HIST GEOGRAPHY	CLASS-VII
		ଭୁଗୋଳ -1)ତୁମ ଅଞ୍ଚଳରେ କେତେ ପ୍ରକାରର ଭୂମିରୂପ ଦେଖାଯାଏ ? ସେଗୁଡ଼ିକ କଣ କଣ ଉଦାହରଣ ସହ ଲେଖ । 2) ଭୂମିରୂପ ଅନୁସାରେ ଲକ୍ଷ୍ୟାତ୍ମକ ଜୀବନ ଯାପନ ପ୍ରଣାଳୀରେ କିପରି ପାର୍ଥକ୍ୟ ଦେଖାଯାଏ । 3) ହିମାଳୟ ପର୍ବତ କିପରି ଭାରତକୁ ସୁରକ୍ଷା ଦେଉଛି ? ଇତିହାସ -1) ଭାରତର ବିଭିନ୍ନ ଅଞ୍ଚଳରେ ସହର ଗଢ଼ିଉଠିବାର କାରଣ କଣ ? 2)ନୂତନ ସହର ବିକାଶ ସହ ପରିବେଶର ସୁରକ୍ଷା କିପରି ହୋଇପାରିବ ଏକ ତଥ୍ୟ ପ୍ରଦାନ କର । ରାଜନୀତି ବିଜ୍ଞାନ -1)ଯଦି କୌଣସି ଦେଶର ଲିଖିତ ସମ୍ବିଧାନ ନଥାଏ ତେବେ ସେହି ଅଞ୍ଚଳରେ କେଉଁ ପ୍ରକାରର ସମସ୍ୟା ଦେଖାଦେବ ?ଉଦାହରଣ ସହ ଲେଖ । 2)"ସମ୍ବିଧାନ ଏକ ଦେଶର ମୂଳ ଆଇନ " ବୋଲି କାହିଁକି କୁହାଯାଇଛି ? ଅର୍ଥନୀତି -1)ପୁରାତନ ସମୟରେ ଲୋକମାନେ ଦ୍ରବ୍ୟ ବିନିମୟ କାହିଁକି କରୁଥିଲେ ?କେଉଁ କେଉଁ ଦ୍ରବ୍ୟକୁ ବିନିମୟର ମାଧ୍ୟମ ଭାବେ ବ୍ୟବହାର କରୁଥିଲେ ? 2)ଦ୍ରବ୍ୟ ବିନିମୟ ଦ୍ୱାରା ବାଣିଜ୍ୟ କାରବାର ସୁବିଧାଜନକ କିମ୍ବା ଅସୁବିଧା ହେଉଥିଲା ଯାହା ତୁମେ ଠିକ ମନେ କରୁଛ ଯଥାର୍ଥତା ଦର୍ଶାଇ ବାଖ୍ୟା କର ।
7	COMPUTER	ନିମ୍ନଲିଖିତ computer ଗୁଡ଼ିକର hardware ଓ software ବୈଶିଷ୍ଟ୍ୟଗୁଡ଼ିକଲେଖ proper explanation ସହ Picture କୁ draw / paste କର ଓ ସମ୍ପୂର୍ଣ୍ଣ ବ୍ୟାଖ୍ୟା ଲେଖ ଏହାକୁ File Paper ରେ କର i. 1 st Generation Computer ii. 2 nd Generation Computer iii. 3 rd Generation Computer

		iv. 4 th Generation Computer v. 5 th Generation Computer
8	SANSKRIT	1. ऋकारान्त पुल्लिङ्गः — प्रथमपाठा त्वित्रं कृत्वा नामानि लिखन्तु। (रकराङ्ग पुल्लिङ्ग - प्रथम पाठोऽपि चित्रं अङ्गन करि नाम लेखन्तु।) 2. इकारान्त स्त्रीलिङ्ग— द्वितीयपाठा त्वित्रं कृत्वा नामानि लिखन्तु। (रकराङ्ग स्त्रीलिङ्ग द्वितीयापाठोऽपि चित्रं अङ्गन करि नाम लेखन्तु।) 3. वन्दनां लिखित्वा कण्ठस्थी कुर्वन्तु। (वन्दना लेख् कण्ठ करन्तु।) 4. पञ्चाशत् तनशब्दा न्मातृभाषातः संस्कृतभाषायां लिखन्तु। (४० च नूतन शब्दगुणिकु मातृभाषारु संस्कृत भाषाऽपि लेखन्तु।) 5. पञ्च श्लोकान् लिखित्वा तेषां अनुवादं मातृभाषायां लिखन्तु। (पाञ्च श्लोकान् लेख् वेदान्तकर अनुवाद मातृभाषाऽपि लेखन्तु।)

DAV PUBLIC SCHOOL, KANSBAHAL

SUMMER HOLIDAY HOMEWORK: 2026-27

CLASS –VIII (OM)

SL. NO.	SUBJECT	HOMEWORK ASSIGNED
1	ENGLISH	1. Write an essay on the topic " Your Aim in Life " . 2. Write an application to your Headmistress requesting three days' leave due to your mother's illness. 3. Write a letter to your friend congratulating him/her on winning first prize in the Inter-School Speech Competition.
2	HINDI	VIII – हिंदी 1. संज्ञा के पाँच भेदों को दस उदाहरणों सहित लिखिए। 2. 'एक टोकरी भर मिट्टी' पाठ से दस प्रश्न बनाकर उनके उत्तर एक शब्द या एक वाक्य में लिखिए। 3. किसी एक विषय पर कहानी लिखिए।
3	SANSKRIT	1. भेदभावःन कर्तव्यः — पाठस्य अर्थमातृभाषायां लिखित्वा चित्रं कुर्वन्तु। (ଭେଦଭାବ କରିବା ଉଚିତ୍ ନୁହେଁ — ପାଠର ଅର୍ଥକୁ ମାତୃଭାଷାରେ ଲେଖି ଚିତ୍ର ଅଙ୍କନ କରନ୍ତୁ।) 2. यःक्रियावान्सःपण्डितः— पाठस्य सारांशं संस्कृतभाषायां लिखन्तु। (ଯିଏ କାର୍ଯ୍ୟଶୀଳ ସେହି ପଣ୍ଡିତ — ପାଠର ସାରାଂଶକୁ ସଂସ୍କୃତ ଭାଷାରେ ଲେଖନ୍ତୁ।) 3. बालक, फलम्, लता इत्येषां शब्द रूपाणि लिखित्वा कण्ठस्थं कुर्वन्तु। (ବାଳକ, ଫଳ, ଲତା ଶବ୍ଦର ରୂପଗୁଡ଼ିକୁ ଲେଖି କଣ୍ଠସ୍ଥ କରନ୍ତୁ।) 4. गम्-धातोःपञ्च रूपाणि लिखित्वा कण्ठस्थं कुर्वन्तु। ('गम्' ଧାତୁର ପାଞ୍ଚଟି ରୂପ ଲେଖି କଣ୍ଠସ୍ଥ କରନ୍ତୁ।) 5. पञ्च सुभाषितानि लिखित्वा तेषां अनुवादं मातृभाषायां लिखन्तु। (ପାଞ୍ଚଟି ସୁଭାଷିତ ଲେଖି ସେମାନଙ୍କର ଅନୁବାଦ ମାତୃଭାଷାରେ ଲେଖନ୍ତୁ।)
3	ODIA	ଓଡ଼ିଆ 1) ନିଜ ମନରୁ ଓଡ଼ିଶାର ବୀର ଓ ଦେଶଭକ୍ତ ମାନଙ୍କୁ ନେଇ ଏକ କବିତା ରଚନା କର । 2) ନିଜ ମନରୁ ୧୦ ଟି ଗଦ୍ୟ ରୂପ ଶବ୍ଦ ଲେଖି ତାର ପାଦ୍ୟରୂପ ଲେଖ । 3) ପାଞ୍ଚୋଟି ପଶୁ ଓ ପାଞ୍ଚୋଟି ପକ୍ଷୀଙ୍କର ନାମ ଲେଖି ସେମାନଙ୍କର ଧ୍ୱନି ଗୁଡ଼ିକୁ ଲେଖ ।
4	MATHS	Project :- 1 ରୁ 30 ପର୍ଯ୍ୟନ୍ତ ଗଣନ ସଂଖ୍ୟାର ବର୍ଗ ଓ 1 ରୁ 20 ପର୍ଯ୍ୟନ୍ତ ଗଣନ ସଂଖ୍ୟାର ଘନକୁ ଏକ ଚାର୍ଟ ପେପରରେ ସୁନ୍ଦର ଭାବରେ ଲେଖି ଆଣିବ ।
5	SCIENCE	1. ବିଜ୍ଞାନ ଅଧ୍ୟୟନ କଲାବେଳେ ଛାତ୍ରଛାତ୍ରୀଙ୍କର ମନରେ କଣ କଣ ରହିବା ଅବଶ୍ୟକ ଓ ଏକ ପରୀକ୍ଷଣ କଲାବେଳେ କେଉଁ କେଉଁ ଜିନିଷ ପ୍ରତି ଧ୍ୟାନଦେବା ଆବଶ୍ୟକ । 2. କୋଷର ଆବିଷ୍କାର କିଏ କରିଥିଲେ ? ଏହି ପରୀକ୍ଷଣରେ ସେ କଣ ପରଜ୍ୟବେକ୍ଷଣ କରିଥିଲେ ? 3. ଅଣୁଜୀବ କହିଲେ କଣ ବୁଝ ଓ ଅଣୁଜୀବ ଗୁଡ଼ିକ କେଉଁ କେଉଁ କ୍ଷେତ୍ରରେ ବ୍ୟବହାର କରାଯାଉଛି ଲେଖ ।
6	HIST/CIVICS GEOGRAPHY	<p style="text-align: center;">ଭୂଗୋଳ</p> 1) ସମ୍ବଲ କାହାକୁ କୁହା ଯାଏ 2) ସମ୍ବଲ ଆମର କିପରି ଭାବେ କାମରେ ଆସିଥାଏ ବୁଝାଇ ଲେଖ । 3) ଓଡ଼ିଶାର କେଉଁ କେଉଁ ସ୍ଥାନରୁ କେଉଁ କେଉଁ ଖଣିଜ ସମ୍ବଳ ମିଳିଥାଏ ଏବଂ ସେଗୁଡ଼ିକୁ ଭିତ୍ତି କରି କେଉଁ କେଉଁ ସ୍ଥାନରେ ଶିଳ୍ପ ସଂସ୍ଥା ଗଢ଼ି ଉଠିଛି ତାହାର ଏକ ବିବରଣୀ ଦେବା ସହ ମାନଚିତ୍ର ରେ ଦର୍ଶାଅ ।
		<p style="text-align: center;">ଇତିହାସ</p> 1) ଶ୍ରେଣୀରେ ପଢ଼ାଯାଇଥିବା ସମସ୍ତପାଠ କୁ ପଢ଼ି ମୁଖସ୍ଥ କରି ଉତ୍ତର କହିବା ଅଭ୍ୟାସ କର । 2)ଉନବିଂଶ ଶତାବ୍ଦୀର ଭାରତ ଓ ବିଂଶ ଶତାବ୍ଦୀର ଭାରତ ରାଜନୈତିକ ମାନଚିତ୍ର ମଧ୍ୟରେ ଥିବା ପାର୍ଥକ୍ୟ ଦର୍ଶାଇ ଏକ ତଥ୍ୟ ଉପସ୍ଥାପନ କର ଓ ମାନଚିତ୍ର ପ୍ରସ୍ତୁତ କର ।
		<p style="text-align: center;">ରାଜନୀତି ବିଜ୍ଞାନ</p> ତୁମ ଅଞ୍ଚଳରେ ନିର୍ବାଚନ କିପରି କରାଯାଇଥାଏ ତାହାର ବିଭିନ୍ନ ସୋପାନ ଗୁଡ଼ିକ ଉଦାହରଣ ସହ ବୁଝାଇ ଲେଖ ।
7	COMPUTER	ତୁମ ବିଦ୍ୟାଳୟରେ ଗୋଟିଏ ଅନଲାଇନ୍ ଲାଇବ୍ରେରୀ ସିଷ୍ଟମ୍ ଆରମ୍ଭ ହୋଇଛି । ଛାତ୍ରଛାତ୍ରୀମାନେ ଲମ୍ବାବେଳେ ଥିବା କମ୍ପ୍ୟୁଟର ଦ୍ୱାରା ପୁସ୍ତକ ଖୋଜିପାରିବେ, ଉପଲବ୍ଧତା ଯାଞ୍ଚ କରିପାରିବେ ଏବଂ ସେଗୁଡ଼ିକୁ ରିଜର୍ଭ କରିପାରିବେ । ସମସ୍ତ ପୁସ୍ତକ ସମ୍ପୂର୍ଣ୍ଣ

ତଥ୍ୟ ଗୋଟିଏ କେନ୍ଦ୍ରୀୟ କମ୍ପ୍ୟୁଟରରେ ସଂରକ୍ଷିତ ଅଛି ।

1. ଏହି ସିଷ୍ଟମରେ କେଉଁ କମ୍ପ୍ୟୁଟର କ୍ଲାଇଏଣ୍ଟ (Client) ଏବଂ କେଉଁଟି ସର୍ଭର (Server) ଭାବେ କାମ କରୁଛି ଚିହ୍ନଟ କର ।
2. ଯେତେବେଳେ ଜଣେ ଛାତ୍ର ପୁସ୍ତକ ଖୋଜୁଛନ୍ତି, ସେତେବେଳେ କ୍ଲାଇଏଣ୍ଟ ଏବଂ ସର୍ଭର କିପରି ପରସ୍ପର ସହିତ କାମ କରନ୍ତି, ବ୍ୟାଖ୍ୟା କର ।
3. ଯଦି ସର୍ଭର କାମ କରିବା ବନ୍ଦ କରେ, ତେବେ କ'ଣ ହେବ? ଏହା ଛାତ୍ରଛାତ୍ରୀଙ୍କୁ କିପରି ପ୍ରଭାବିତ କରିବ?
4. ଏହି ପରିସ୍ଥିତିରେ କ୍ଲାଇଏଣ୍ଟ-ସର୍ଭର ସିଷ୍ଟମ୍ ବ୍ୟବହାରର ଗୋଟିଏ ଲାଭ ଏବଂ ଗୋଟିଏ ଅଲାଭ ଦିଅ ।

DAV PUBLIC SCHOOL, KANSBAHAL

SUMMER HOLIDAY HOMEWORK: 2026-27

CLASS –IX (OM)

SL. NO.	SUBJECT	HOMEWORK ASSIGNED
1	ENGLISH	Grammar exercises of Chapter 1 PREPARE A TENSE CHART
2	HINDI	IX – हिंदी 1. 'अनमोल मोती' पाठ के अंतर्गत प्रमुख चार कवियों का जीवन परिचय लिखिए तथा उनके सभी दोहों एवं पदों का भावार्थ अपनी होमवर्क कॉपी में लिखिए। व्याकरण : निम्नलिखित पाँच व्याकरण पाठों में से कुल 50 प्रश्न (प्रत्येक पाठ में से 10 प्रश्न) स्वयं बनाकर उनके उत्तर होमवर्क कॉपी में लिखिए—(अति लघु उत्तरीय प्रश्न / एक शब्द / एक वाक्य में) 1. व्याकरण क्यों 2. ध्वनि और वर्ण 3. अच्छी हिंदी कैसे सीखें 4. अनुनासिकता और अनुस्वार 5. संज्ञा
3	SANSKRIT	1. सिंह-शशक-कथा — पाठस्य सारांशं मातृभाषायां लिखित्वा चित्रं कुर्वन्तु। (सिंह-शशक कथा — ପାଠର ସାରାଂଶକୁ ମାତୃଭାଷାରେ ଲେଖି ଚିତ୍ର ଅଙ୍କନ କରନ୍ତୁ।) 2. पति, मति, बालक, नदी इत्येषां शब्दरूपाणि लिखित्वा कण्ठस्थं कुर्वन्तु। (ପତି, ମତି, ବାଳକ, ନଦୀ ଶବ୍ଦର ରୂପରୂପକୁ ଲେଖି କଣ୍ଠସ୍ଥ କରନ୍ତୁ।) 3. भू-धातोःपञ्च लकारेषु रूपाणि लिखित्वा कण्ठस्थं कुर्वन्तु। (भू' धातुର ପାଞ୍ଚଟି ଲକାରରେ ରୂପ ଲେଖି କଣ୍ଠସ୍ଥ କରନ୍ତୁ।) 4. दश सुभाषितानि लिखित्वा कण्ठस्थं कुर्वन्तु। (ଦଶଟି ସୁଭାଷିତ ଲେଖି କଣ୍ଠସ୍ଥ କରନ୍ତୁ।) 5. पञ्च अनुच्छेदा न्निखित्वा तेषां उत्तराणि लिखन्तु। (ପାଞ୍ଚଟି ଅନୁଚ୍ଛେଦ ଲେଖି ସେମାନଙ୍କର ପ୍ରଶ୍ନର ଉତ୍ତର ଲେଖନ୍ତୁ।)
3	ODIA	1. ପ୍ରବନ୍ଧ -ଆଦର୍ଶଛାତ୍ର 2. ଶବ୍ଦ ଗଠନ - ଅନୁଶୀଳନ
4	MATHS	Project - $A \cup B, A \cap B, A - B, B - A, A \Delta B, A'$, ଗୁଣିତ କ୍ୟାମିତିକ ଚିତ୍ର (ଭେନ ଚିତ୍ର) ଆକାରରେ ଦର୍ଶାଇବ । ଏକ ଚାର୍ଟ ପେପରରେ ସୁନ୍ଦର ଭାବରେ କରି ଆଣିବ ।
5	SCIENCE	SCP 1. ବିସରଣ କାହାକୁ କହନ୍ତି? ଏହାର ଗୋଟିଏ ଉଦାହରଣ ଦିଅ? 2. ବାଷ୍ପୀଭବନ କାହାକୁ କୁହାଯାଏ । ଏହା କେଉଁକେଉଁ କାରକ ଉପରେ ନିର୍ଭର କରେ ବୁଝାଅ ? 3. ପଦାର୍ଥ କଣ । ପଦାର୍ଥର ଭୌତିକ ପ୍ରକୃତି ଗୁଣିକ ଲେଖ । 4. ପଦାର୍ଥର ଅବସ୍ଥା ପରିବର୍ତ୍ତନରେ ତାପମାତ୍ରାର ପ୍ରଭାବ ପରୀକ୍ଷା ସହ ବୁଝାଅ ? 5. ଉର୍ଦ୍ଧ୍ୱପାତନ କାହାକୁ କହନ୍ତି? ଖାଇବା ଲୁଣ ଓ ଏମୋନିୟମକ୍ଲୋରାଇଡ୍-କୁ କିପରି ଅଲଗା କରିହେବ ବର୍ଣ୍ଣନା କର ? IXC-SCL 1. ଦୁଇଟି ଉଦାହରଣ ସହ ବ୍ରାଜଓଫାଇଟା ଶ୍ରେଣୀର ଉଦ୍ଭିଦ ମାନଙ୍କର ଲକ୍ଷଣ ଲେଖା। 2. ଏକବୀଜପତ୍ରୀ ଓ ଦ୍ୱିବୀଜପତ୍ରୀ ଉଦ୍ଭିଦର ବିଶେଷତ୍ୱ ଉଦାହରଣ ସହ ଲେଖ । 3. ପୋରିଫେରା ପର୍ବର ଚିନିଟି ବିଶେଷତ୍ୱ ଲେଖ । 4. ବିଲୁପ୍ତ ଓ ଲୁପ୍ତପ୍ରାୟ ଜାତି ମଧ୍ୟରେ ଉଦାହରଣ ସହ ପାର୍ଥକ୍ୟ ଦର୍ଶାଅ । 5. ପ୍ରାକ୍ ନ୍ୟଷ୍ଟିୟ କୋଷ ଓ ସୁନ୍ୟଷ୍ଟିୟ କୋଷ ମଧ୍ୟରେ ଉଦାହରଣ ସହ ପ୍ରଭେଦ ଦର୍ଶାଅ । 6. ସାପ ଓ କୁମ୍ଭୀର କେଉଁ ପର୍ବର ଅନ୍ତର୍ଭୁକ୍ତ। ଏମାନଙ୍କର ଶରୀର ଗଠନ ଉପରେ ଆଲୋକପାତ କର। 7. କେଉଁ ପର୍ବର ପ୍ରାଣୀଙ୍କ ସଂଖ୍ୟା ସର୍ବାଧିକ? ଏହି ପର୍ବର ତିନୋଟି ମୁଖ୍ୟ ବିଶେଷତ୍ୱ ଲେଖ । MCQS 1. ଏକାଧିକପ୍ରକାରିରସମାହାରରେକଣଗଠିତହୁଏ? A) ବଂଶ B) ବର୍ଗ C) ଶ୍ରେଣୀ D) ପର୍ବ

		<p>2. କେଉଁବୈଜ୍ଞାନିକଟିନିଜଗତଶ୍ରେଣୀବିଭାଗରପ୍ରସ୍ତାବଦେଇଥିଲେ? A) ଇ.ଏଚହେକେଲ B) ହୁଟାକର C) ଆରିଷ୍ଟଟଲ D) ସିଲଡନ</p> <p>3. କେଉଁଟି ମୋନୋକ୍ରମର ଅନ୍ତର୍ଭୁକ୍ତଅଟେ? A) ଏମିବା B) ମାଇକୋପ୍ଲାଜମ C) ଲକ୍ଷ D) ଶୈବାଳ</p> <p>4. କିଏଚର୍ମହାରାଶ୍ଵାସକ୍ରିୟାକରେ? A) ମାଛ B) ଜୋକ C) ସାପ D) ବେଙ୍ଗପୁଲା</p> <p>5. ବାୟକେଉଁପ୍ରକାରିଅନ୍ତର୍ଗତ ? A) ଫାଇକସ B) ହୋମୋ C) ଫେଲିସ୍ D) ପାରଡସ୍</p> <p>6. କେଉଁଟିଏକଦୁର୍ଲଭପ୍ରାଣୀଅଟେ? A) ସୁବର୍ଣ୍ଣ ମର୍କଟ B) ଚିତା ବାଘ C) ପାହାଡୀ ଛେଳି D) ଏକଶିଙ୍ଗ ଗଣ୍ଡା</p> <p>7. କେଉଁ ଜୀବ ସିଟା ହାରାଚାଲେ? A) ଅସରପା B) ଜିଆ C) ସମୁଦ୍ରତାରା D) ହାଇଡ୍ରା</p> <p>8. ନେପ୍ଟିଆକାହାରରେଚନ୍ ତନ୍ତ୍ର ଅଟେ? A) ଜୋକ B) ଅସରପା C) ପ୍ଲାନରିଆ D) ହାଇଡ୍ରା</p> <p>9. କେଉଁଉଦ୍ଭିଦରେରାଇଜସ୍ଵଦେଖାଯାଏ? A) ମାରସେଲିଆ B) ଫର୍ଣ୍ଣ C) ରିକସିଆ D) ସାଇରୋଗାଇରା</p> <p>10. ଏହାମଧ୍ୟରୁ ଏକବୀଜପତ୍ରୀଉଦ୍ଭିଦଟିକିଏଅଟେ? A) ମୁଗ B) ମଟର C) ଆଖୁ D) କାକୁଡି</p>
8	HIST/CIVICS GEOGRAPHY	<p>ଇତିହାସ -1)ଉପନିବେଶ ବାଦ ଯୋଗୁଁ ଭାରତରେ କେଉଁ କେଉଁ କ୍ଷେତ୍ରରେ କି କି ପ୍ରଭାବ ପଡିଥିଲା ?</p> <p>2) ଇଉରୋପୀୟ ରାଷ୍ଟ୍ର ମାନେ ନୂଆ ନୂଆ ବଜାର କାହିଁକି ଖୋଲୁଥିଲେ ?</p> <p>3) ଶିଳ୍ପ ବିପ୍ଳବ କିପରି ଭାବେ ଉପନିବେଶ ବାଦର ଏକ କାରଣ ହୋଇଥିଲା ?</p> <p>4) ଉପନିବେଶ ବାଦ ଦ୍ଵାରା ଉପନିବେଶ ଗୁଡିକର ସାମାଜିକ ଅବସ୍ଥାରେ କି ପ୍ରଭାବ ପଡିଥିଲା ?</p> <p>ଭୂଗୋଳ -1)ଭାରତର ଅବସ୍ଥିତି କିପରି ଭାବେ ତାର ଜଳବାୟୁ ଓ ଋତୁ ପରିବର୍ତ୍ତନକୁ ପ୍ରଭାବିତ କରିଛି ବୁଝାଇ ଲେଖ</p> <p>2)ଭାରତର ଉତ୍ତରରେ ହିମାଳୟ ଓ ଦକ୍ଷିଣରେ ସମୁଦ୍ର ଥିବାରୁ ଏହାର କି ପ୍ରଭାବ ଭାରତ ଉପରେ ପଡୁଛି ଲେଖ ।</p> <p>3)ଭାରତକୁ ଉପମହାଦେଶ କାହିଁକି କୁହାଯାଏ ?</p> <p>4)ଭାରତର ଅବସ୍ଥିତି ସାଂସ୍କୃତିକ ଆଦାନ ପ୍ରଦାନକୁ କିପରି ସହାୟତା କରିଛି ।</p> <p>ରାଜନୀତି ବିଜ୍ଞାନ -1)ମୌଳିକ ଅଧିକାର କଣ ଏହା ଦ୍ଵାରା ବ୍ୟକ୍ତି ର କି ଉପକାର ହୋଇଥାଏ ।</p> <p>2)ସମ୍ପତ୍ତି ଗତ ଅଧିକାରକୁ କାହିଁକି ମୌଳିକ ଅଧିକାରରୁ ବାଦ ଦିଆଯାଇଛି ଏହାର କାରଣ ଲେଖ ।</p> <p>ଅର୍ଥନୀତି -1)ଗୋଟିଏ ଦେଶ କେଉଁ କେଉଁ କାରଣରୁ ଅର୍ଥନୈତିକ କ୍ଷେତ୍ରରେ ସମୃଦ୍ଧ ହୋଇଥାଏ ?</p> <p>2)ବିକଶିତ ଦେଶ ବିକାଶୋଦ୍ଦ୍ଵେଶୀ ଦେଶ ଠାରୁ ପୃଥକ ହୋଇଥାଏ ।</p>
9	COMPUTER SCIENCE	<p>ଅନିତାତାଙ୍କର project କମ୍ପ୍ୟୁଟରରେପ୍ରସ୍ତୁତକରୁଛନ୍ତି ସେ content type କରିବାପାଇଁ keyboard ବ୍ୟବହାରକରୁଛନ୍ତି ଏବଂ ଛବିଚୟନକରିବାପାଇଁ mouse ବ୍ୟବହାରକରୁଛନ୍ତି ସେ audio ଯୋଡିବାପାଇଁ microphone ରେକର୍ଡିଆହୁଅଛି ସେତାଙ୍କରକାମକୁ monitor ରେଦେଖୁଛନ୍ତି ଏବଂ ଶେଷରେ printer ବ୍ୟବହାରକରି printout ନେଉଛନ୍ତି </p> <p>ପ୍ରଶ୍ନଗୁଡିକ :</p> <ol style="list-style-type: none"> 1. ଅନିତା ବ୍ୟବହାର କରୁଥିବା input device ଗୁଡିକ ଚିହ୍ନଟ କର 2. ଅନିତା ବ୍ୟବହାର କରୁଥିବା output device ଗୁଡିକ ଚିହ୍ନଟ କର 3. ଉପରେ ଦିଆଯାଇଥିବା ପ୍ରଶ୍ନରୁ ଯେକୌଣସି ଗୋଟିଏ input device ଏବଂ ଗୋଟିଏ output device ର ଭୂମିକା ବ୍ୟାଖ୍ୟା କର 4. ଯଦି printer କାମ କରୁନାହିଁ, ତେବେ ଅନିତା କେଉଁ ସମସ୍ୟାର ସମ୍ମୁଖୀନ ହେବେ?

DAV PUBLIC SCHOOL, KANSBAHAL

SUMMER HOLIDAY HOMEWORK: 2026-27

CLASS –X (OM)

SL. NO.	SUBJECT	HOMEWORK ASSIGNED
1	ENGLISH	<p>Long questions (5 marks each)</p> <ol style="list-style-type: none">1. How does the poet describe the things and creatures in the poem 'All Things Bright and Beautiful'?2. Why does the poet praise God in this poem?3. How does the poet describe the importance of sense organs that God has given us?4. Which are the two seasons mentioned in the poem? How do people welcome them?5. Why is the summer sun pleasant? <p>Short questions (2.5 marks each)</p> <ol style="list-style-type: none">1. Why has God given us eyes and lips?2. Why does the mountain top look purple?3. How does the poet describe the little birds?4. What brightens up the sky and how does the sky look at sunset?5. What do we enjoy in the green wood? <p><u>5 LONG QUESTIONS OF 5 MARKS EACH</u></p> <ol style="list-style-type: none">1. Who was Lencho? What was he like?2. Why did Lencho keep on looking at the north-east sky throughout the morning?3. How was Lencho's cornfield destroyed?4. Why did Lencho write a letter to God? What did he pray to Him?5. What did the Postmaster do not to shake Lencho's faith in God? <p><u>5 SHORT QUESTIONS OF 2.5 MARKS EACH</u></p> <ol style="list-style-type: none">1. Where did Lencho live? What did he hope for?2. What did he say about the raindrops?3. How did the rain change?4. Who did Lencho have faith in?5. Who did he write a letter to? Who read the letter? <p>Give a detail presentation with examples on different forms to express the future time.</p>
2	HINDI	<p>X – हिंदी</p> <ol style="list-style-type: none">1. संज्ञा, सर्वनाम, विशेषण, क्रिया, अव्यय, कारक, काल, लिंग, वचन, उपसर्ग तथा प्रत्यय - (प्रत्येक पाठ में से 5 प्रश्न) इन सभी के भेदों को स्पष्ट रूप से लिखते हुए इन पर आधारित 55 प्रश्न उनके उत्तर सहित लिखिए। (अति लघु उत्तरीय प्रश्न / एक शब्द / एक वाक्य में)2. कबीरदास, सूरदास, तुलसीदास तथा अब्दुरहीम खान-ए-खाना के पदों/दोहों में से 40 (प्रत्येक पाठ में से 10 प्रश्न) प्रश्न बनाकर उनके उत्तर लिखिए। (अति लघु उत्तरीय प्रश्न / एक शब्द / एक वाक्य में)
3	SANSKRIT	<ol style="list-style-type: none">1. सुशिष्यः उपमन्युः — पाठस्य सारांशं मातृभाषायां लिखन्तु। (प्लुष्टि ५५ उद्यमन्यु — पाठोऽत्र चारुं गच्छेत्।)2. स्त्रीप्रत्ययस्य सर्वाणि उदाहरणानि लिखन्तु। (प्लुष्टि ५५ उद्यमन्यु उदाहरणं लिखेत्।)3. समासस्य परिभाषां तथा सर्वाणि उदाहरणानि लिखन्तु। (प्लुष्टि ५५ उद्यमन्यु उदाहरणं लिखेत्।)4. उडिया-भाषातः संस्कृत-भाषायां पञ्चाशत्वाक्यानि अनुवादं कृत्वा लिखन्तु। (प्लुष्टि ५५ उद्यमन्यु उदाहरणं लिखेत्।)5. पञ्च अनुच्छेदाः न्निखित्वा तेषां उत्तराणि लिखन्तु। (प्लुष्टि ५५ उद्यमन्यु उदाहरणं लिखेत्।)
3	ODIA	<ol style="list-style-type: none">1. ପିଲାମାନଙ୍କ ଉପରେ ମୋବାଇଲର ପ୍ରଭାବ ଏବଂ ଛାତ୍ରଜୀବନରେ ଶୁଖିଲା ବିଷୟରେ ପ୍ରବନ୍ଧ ଲେଖ ।2. ସ୍ଵାସ୍ଥ୍ୟରକ୍ଷା ପାଇଁ ନିୟମିତ ଯୋଗାଭ୍ୟାସ କରିବାକୁ ଛାତ୍ରାବାସରେ ରହୁଥିବା ସାନଭାଇଙ୍କୁ ପତ୍ର ଲେଖ ।3. ଅଯୋଷିତ ବିଦ୍ୟୁତ୍ କାଟ ରୋକିବା ପାଇଁ ବିଭାଗୀୟ ଅଧିକାରୀଙ୍କ ନିକଟକୁ ଦରଖାସ୍ତ ଲେଖ ।

		<p>4. ଡିନୋଟି ଅନୁଲେଖ ନିଜେ ଲେଖି ସେଗୁଡ଼ିକର ପ୍ରଶ୍ନ ଓ ଉତ୍ତର ଲେଖ ।</p> <p>5. ବାକ୍ୟର ପ୍ରକାରଭେଦ ଏବଂ ସେଗୁଡ଼ିକର ଉଦାହରଣ ଲେଖ ।</p>
4	MATHS	<p>Group ରେ ପଠା ଯାଇଥିବାସରଳ ସହ ସମୀକରଣ PDFକୁ HW copy ରେ solve କରି ଆଣିବ ।</p>
5	SCIENCE	<p>SCP OBJECTIVCE</p> <p>ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ଚାରୋଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ ଉତ୍ତରଟି ବାଛି ।</p> <p>1. ନିମ୍ନୋକ୍ତ ପ୍ରତିକ୍ରିୟାଟି କେଉଁ ପ୍ରକାରର ପ୍ରତିକ୍ରିୟା ? $\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$</p> <p>(A) ବିଘଟନ (B) ତାପଗ୍ରାହୀ (C) ଉତ୍ତମ ସଂକ୍ଳେଷଣ ଓ ତାପଗ୍ରାହୀ (D) ପ୍ରଶମନୀକରଣ ଓ ତାପ ଉତ୍ପାଦୀ</p> <p>2. ସୋଡିୟମ ସଲଫେଟ ଦ୍ରବଣରେ ବେରିୟମ କ୍ଲୋରାଇଡ ଦ୍ରବଣର ପ୍ରତିକ୍ରିୟାରୁ ସୃଷ୍ଟି ହେଉଥିବା ଧଳା ଅବକ୍ଷେପଟି -----।</p> <p>(A) BaS (B) BaO (C) NaCl (D) BaSO_4</p> <p>3. ଫେରସ ସଲଫେଟର ସ୍ଫଟିକକୁ ଉତ୍ତପ୍ତ କଲେ ସୃଷ୍ଟି ହେଉଥିବା ଗ୍ୟାସୀୟ ଉତ୍ପାଦାନ ହୁଏ -----।</p> <p>(A) SO_2 ଓ SO_3 (B) S ଓ O_2 (C) S_2O_4 ଓ SO_2 (D) O_2 ଓ O_3</p> <p>4. ଲେଡ ନାଇଟ୍ରେଟ ଓ ପୋଟାସିୟମ ଅୟୋଡାଇଡ ଦ୍ରବଣ ମଧ୍ୟରେ ସଂଘଟିତ ପ୍ରତିକ୍ରିୟାଟି ଏକ ----- ପ୍ରତିକ୍ରିୟା ।</p> <p>(A) ବିସ୍ଫାପନ (B) ଦ୍ଵିତ ବିସ୍ଫାପନ (C) ବିଘଟନ (D) ତାପ ଉତ୍ପାଦୀ</p> <p>5. କେଉଁଟି ଏକ ତାପ ଉତ୍ପାଦୀ ପ୍ରତିକ୍ରିୟା ଅଟେ ?</p> <p>(A) $2\text{AgBr} \rightarrow 2\text{Ag} + \text{Br}_2$ (B) $\text{CH}_4 + 2\text{O}_2 \rightarrow \text{CO}_2 + 2\text{H}_2\text{O}$</p> <p>(C) $\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$ (D) $\text{Pb} + \text{CuCl}_2 \rightarrow \text{PbCl}_2 + \text{Cu}$</p> <p>SUBJECTIVE</p> <p>1. କଲିଚୁନରୁ ଶମିତ ତୁନ କିପରି ପ୍ରସ୍ତୁତ କରାଯାଏ ରସାୟନିକ ସମୀକରଣ ମାଧ୍ୟମରେ ବୁଝାଅ ଓ ଶମିତ ତୁନର ଦ୍ରବଣକୁ କାହିଁକି କାନ୍ଥ ଧଉଳାଇବା ପାଇଁ ବ୍ୟବହାର କରାଯାଏ ?</p> <p>2. ରାସାୟନିକ ପ୍ରତିକ୍ରିୟା କାହାକୁ କହନ୍ତି ? ଗୋଟିଏ ଲେଖାଏଁ ଉଦାହରଣ ସହ ସଂକ୍ଳେଷଣ, ବିସ୍ଫାପନ ଓ ଦ୍ଵିତ ବିସ୍ଫାପନ ପ୍ରତିକ୍ରିୟା କାହାକୁ କହନ୍ତି ବୁଝାଅ ।</p> <p>3. ଜାରଣ-ବିଜାରଣ ପ୍ରତିକ୍ରିୟା କ'ଣ ? ଗୋଟିଏ ଉଦାହରଣ ଦେଇ ଏହାକୁ ବୁଝାଅ ।</p> <p>XC-SCL ପୋଷଣ</p> <p>1. ପାରିପାକପରେସରଳୀକୃତଖାଦ୍ୟରକଣହୋଇଥାଏ?</p> <p>A. ଜାରଣ B. ଆମ୍ଳକରଣ C. ଅବଶୋଷଣ D. ରେଚନ</p> <p>2. କେଉଁଟିଶରୀରରେଚର୍ବିଭାବରେସଞ୍ଚିତହୋଇରହେ?</p> <p>A. ପୃଷ୍ଠସାର B. ଶ୍ଵେତସାର C. ସ୍ନେହସାର D. ଧାତୁସାର</p> <p>3. ଦାନ୍ତଓହାତରଗଠନପାଇଁକେଉଁଟିଆବଶ୍ୟକ?</p> <p>A. ଲୌହ B. ଫସଫରସ C. କ୍ୟାଲସିୟମ D. ଆୟୋଡିନ</p> <p>4. କୋଷାଝିଲ୍ଲୀତିଆରିରେକିଏସାହାଯ୍ୟକରେ?</p> <p>A. ଏମିନୋଆମ୍ଳ B. ଲିପିଡ୍ C. ଭିଟାମିନ D. ସୋଡିୟମ</p> <p>5. କେଉଁପୋଷଣରେପରଭୋଜୀମାନେଶରୀରବାହାରେଖାଦ୍ୟସରଳୀକୃତକରନ୍ତି?</p> <p>A. ପରଜିବୀୟ B. ମୃତପୋଜିବୀୟ C. ସହଜୀବୀୟ D. ପ୍ରାଣୀୟ</p> <p>6. ଏମାନଙ୍କମଧ୍ୟରୁକେଉଁଟିଧାତୁସାରରକାର୍ଯ୍ୟକ?</p> <p>A. ବୃକ୍ଷିଓବିକାଶ B. ଆୟନସଂକ୍ରମଣ ରକ୍ଷା C. ଶକ୍ତିପ୍ରଦାନ D. ହାତଓଦାନ୍ତଗଠନ</p> <p>7. ଅନ୍ଧକାରପ୍ରକ୍ରିୟାରଗ୍ରାହକଅଣୁରନାମକଣ?</p> <p>A. RUBISCO B. ATP C. RUBP D. NADP</p> <p>8. ଖାଦ୍ୟନଳୀରଦ୍ଵାରକୁକଣକୁହାଯାଏ?</p> <p>A. ଗଲେଟ B. ଗୁରୁସିସ୍ତ C. କପାଟିକା D. ଅଧିକ୍ଷ୍ଟା</p> <p>9. ମନୁଷ୍ୟଶରୀରରେକର୍ତ୍ତନଦାନ୍ତସଂଖ୍ୟାକେତେ?</p> <p>A. 32 B. 2 C. 4 D. 6</p> <p>10. ମନୁଷ୍ୟଶରୀରରେଥିବାସର୍ବବୃହତଗ୍ରନ୍ଥିଟିରନାମକଣ?</p>

<p>A. ଲାଳ B.ଜଠର C. ଅଗ୍ରାଶୟ D. ଯକୃତ</p> <ol style="list-style-type: none"> ପରାଜିବୀୟ ପୋଷଣ କଣ? ଅନ୍ତଃପରଜୀବି ଓ ବାହ୍ୟପରଜୀବି କହିଲେ କଣ ବୁଝାଏ? ଆଲୋକାଶ୍ଳେଷଣ ଓ ଏହାର ଆଧାର ସଂସ୍ଥା ଉଲ୍ଲେଖ କର ପାକସ୍ଥଳୀରେ ଖାଦ୍ୟ କିପରି ହଜମ ହୁଏ? ପତ୍ରର ଅନ୍ତଃଗଠନ ବର୍ଣ୍ଣନା କର ସବୁଜ ଉଦ୍ଭିଦରେ ଆଲୋକ ପ୍ରକ୍ରିୟା କିପରି ସମ୍ପାଦିତ ହୁଏ? ମନୁଷ୍ୟର ପାକଗ୍ରନ୍ଥି ଗୁଡ଼ିକର ନାମ ଓ କାର୍ଯ୍ୟ ବର୍ଣ୍ଣନା କର <p><u>CH-2 ଶ୍ଵସନ</u></p> <ol style="list-style-type: none"> ବାୟୁ ଉପଜୀବୀ ଶ୍ଵସନରେ ଗୋଟିଏ ଗ୍ଲୁକୋଜ ଅଣୁରୁ _____ ଟି ATP ପ୍ରସ୍ତୁତ ହୁଏ । (a) 2 ଟି (b) 8 ଟି (c) 32 ଟି (d) 38 ଟି ସାଇଟ୍ରିକ ଅମ୍ଳ ଚକ୍ର _____ରେ ସଂଘଟିତ ହୁଏ । (a) କୋଷଜୀବକ (b) ମାଇଟୋକଣ୍ଡ୍ରିଆର ମାଟ୍ରିକ୍ସ (c) ଲବକ (d) ନ୍ୟଷ୍ଟି ଶ୍ଵସନର କେଉଁ ପ୍ରକ୍ରିୟାରେ ଜଳ ପ୍ରସ୍ତୁତ ହୁଏ ? (a) ଗ୍ଲାଇକୋଲିସିସ୍ (b) ସାଇଟ୍ରିକ ଅମ୍ଳ ଚକ୍ର (c) ସମ୍ଭାତନ (d) ଇଲେକ୍ଟ୍ରନ୍ ପରିବହନ ସଂସ୍ଥା ଗ୍ଲାଇକୋଲିସିସ୍ ପ୍ରକ୍ରିୟା କେଉଁଠାରେ ସମ୍ପାଦିତ ହୁଏ ? (a)ମାଇଟୋକଣ୍ଡ୍ରିଆ (b) କ୍ରିଷ୍ଟି (c) ନ୍ୟଷ୍ଟି (d) କୋଷଜୀବକ ନିମ୍ନୋକ୍ତ କେଉଁ ପ୍ରକାର ଶ୍ଵସନରେ ସବୁଠାରୁ ଅଧିକ ଶକ୍ତି ମିଳେ ? (a) ବାୟୁ ଉପଜୀବୀ (b) ବାୟୁ ଅପଜୀବୀ (c) କିଣ୍ଟନ (d) ଗ୍ଲାଇକୋଲିସିସ୍ ପେଶୀ କୋଷରେ ଅମ୍ଳଜାନ ଅନୁପସ୍ଥିତିରେ କ'ଣ ସୃଷ୍ଟି ହୋଇଥାଏ ? (a)38 ATP (b)ଅମ୍ଳଜାନ (c)ଲାକଟିକ ଅମ୍ଳ (d)ସାଇଟ୍ରିକ ଅମ୍ଳ କୋଷ ସ୍ତରରେ ଘଟୁଥିବା ଗ୍ୟାସୀୟ ବିନିମୟ _____ ପ୍ରକ୍ରିୟା ଦ୍ଵାରା ହୋଇଥାଏ । (a) ପରିବହନ (b)ସଂଚାଳନ (c) ରେଚନ (d)ଆକର୍ଷଣ ଅତ୍ୟଧିକ ପରିଶ୍ରମ କଲାବେଳେ ଅମ୍ଳଜାନ ଅଭାବରେ ମାଂସ ପେଶୀରେ କେଉଁ ଅମ୍ଳ ତିଆରି ହୁଏ ? (a)ପାଇରୁଭିକ ଅମ୍ଳ (b)ସାଇଟ୍ରିକ ଅମ୍ଳ (c) ଲାକଟିକ ଅମ୍ଳ (d) ଅକଜାଲୋଏସିଟିକ ଅମ୍ଳ କେଉଁଟି ଗ୍ଲୁକୋଜ ଅଣୁର ସଂକେତ ? (a) C₆H₁₂O₆ (b) C₃H₆O₃ (c)C₆H₁₂O₁₁ (d) CH₂O ଅସରପା କେଉଁ ଅଙ୍ଗ ଦ୍ଵାରା ଶ୍ଵାସକ୍ରିୟା କରେ ? (a)ଶ୍ଵାସରନ୍ତ୍ର (b)ଶ୍ଵାସନଳିକା (c) ଗାଲି (d) ପୁସ୍ପପୁସ୍ପ <ol style="list-style-type: none"> ମନୁଷ୍ୟର ଶ୍ଵାସତନ୍ତ୍ର ନାମାଙ୍କିତ ଚିତ୍ର ପ୍ରଦାନ କର । (ବର୍ଣ୍ଣନା ଅନାବଶ୍ୟକ) ବାୟୁ ଉପଜୀବୀ ଓ ଅପଜୀବୀ ଶ୍ଵସନ ମଧ୍ୟରେ ପାର୍ଥକ୍ୟ ଲେଖ । ମନୁଷ୍ୟ ପୁସ୍ପପୁସ୍ପରେ ଗ୍ୟାସ ବିନିମୟ କିପରି ହୋଇଥାଏ, ବର୍ଣ୍ଣନା କର । ଗ୍ଲାଇକୋଲିସିସ୍ କ'ଣ ? ଏହା କିପରି ଓ କେଉଁଠାରେ ସମ୍ପାଦିତ ହୁଏ ?
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<p>Geo -1)ଶିକ୍ଷା ଏକ ସମ୍ବଳ କି ନୁହେଁ ଯଦି ହଁ ତେବେ ଏହା କିପରି ବୁଝାଇ ଲେଖ ।</p> <ol style="list-style-type: none"> ସମୁଦ୍ର ତଳେ ଥିବା ଧନ ରତ୍ନ କି ପ୍ରକାର ସମ୍ବଳ ବୁଝାଇ ଲେଖ । ଭାରତର ତୁ ସମ୍ବଳ କୁ କେଉଁ କେଉଁ କାର୍ଯ୍ୟ ପାଇଁ ବ୍ୟବହାର କରାଯାଇଥାଏ ? କେଉଁ ମୃତ୍ତିକା ରେ ଭଲ କୃଷି ହୋଇଥାଏ ? ଏହାର କାରଣ କଣ । <p>ଅର୍ଥନୀତି -1)ଆର୍ଥନୀତିକ ବିକାଶରେ ଜନସଂଖ୍ୟା ର ଭୂମିକା ଗୁରୁତ୍ଵପୂର୍ଣ୍ଣ କି ନୁହେଁ କାରଣ ସହ ଦର୍ଶାଅ ।</p> <ol style="list-style-type: none"> ଭାରତ କେଉଁ କେଉଁ କ୍ଷେତ୍ରରୁ ଆର୍ଥିକ ଉପାର୍ଜନ କରିଥାଏ ?ଉଦାହରଣ ସହ ଲେଖ । <p>HIST. MCQ</p> <ol style="list-style-type: none"> ଗାନ୍ଧିଜୀଙ୍କୁ ଦକ୍ଷିଣ ଆଫ୍ରିକାର କେଉଁ କାରାଗାରରେ ବନ୍ଦୀ କରି ରଖାଯାଇଥିଲା ? A. ଜୋହାନସ୍ବର୍ଗ B. ଟ୍ରାନ୍ସଭାଲ C. ନାଟଲ D. ଏମ୍ପାୟାର ଥିଏଟର କେବେ ଅନେକ ଭାରତୀୟ ଦକ୍ଷିଣ ଆଫ୍ରିକାର ସରକାରଙ୍କ ଦେଶାନ୍ତର ଗମନ ନିଷେଧ ଆଇନ ବିରାଧରେ ନାଟାଲା

<p>8</p> <p>HIST/CIVICS GEOGRAPHY</p>

ସୀମା ପାରହୋଇ ଗ୍ରାହ୍ୟଭାଲ ଗମନ କରିଥିଲେ ?

A. ସେପ୍ଟେମ୍ବର ୧୯୦୬ B. ଅଗଷ୍ଟ ୧୯୦୮ C. ଅକ୍ଟୋବର ୧୯୦୮ D. ମାର୍ଚ୍ଚ ୧୯୧୩

3. ଗାନ୍ଧିଜୀ କେବେ ଦକ୍ଷିଣ ଆଫ୍ରିକାରୁ ଭାରତକୁ ଫେରିଲେ ?

A. ସେପ୍ଟେମ୍ବର ୧୯୦୬ B. ମାର୍ଚ୍ଚ ୧୯୧୩ C. ଜାନୁୟାରୀ ୧୯୧୪ D. ଏପ୍ରିଲ ୧୯୧୭

4. କାହାକୁ ଗାନ୍ଧିଜୀ ତାଙ୍କ ରାଜନୈତିକ ଗୁରୁ ଭାବେ ଗ୍ରହଣ କରିଥିଲେ ?

A. ରବୀନ୍ଦ୍ରନାଥ ଠାକୁର B. ସୁଭାଷ ବୋଷ C. ଗୋପାଳକୃଷ୍ଣ ଗୋଖଲେ D. ଜେ. ବି. କୃପାଳୀନ

5. କିଏ ଗାନ୍ଧିଜୀଙ୍କୁ ମହାତ୍ମା ଆଖ୍ୟା ପ୍ରଦାନ କରିଥିଲେ ?

A. ରବୀନ୍ଦ୍ରନାଥ ଠାକୁର B. ସୁଭାଷ ବୋଷ C. ଗୋପାଳକୃଷ୍ଣ ଗୋଖଲେ D. ଜେ. ବି. କୃପାଳୀନ

2. ୪ ନମ୍ବର ସମ୍ବଳିତ ପ୍ରଶ୍ନ ।

କ) ଦକ୍ଷିଣ ଆଫ୍ରିକାରେ ଭାରତୀୟମାନେ ଶ୍ୱେତାଙ୍ଗମାନଙ୍କ ଦ୍ୱାରା କିପରି ଅତ୍ୟାଚାରିତ ହେଉଥିଲେ ?

ଖ) ଚମ୍ପାରନ ଆନ୍ଦୋଳନରେ ମହାତ୍ମା ଗାନ୍ଧିଙ୍କ ଭୂମିକା କଣ ଥିଲା ?

ଗ) ଖେଡ଼ାଠାରେ ଗାନ୍ଧିଜୀ କାହିଁକି ଆନ୍ଦୋଳନ କରିଥିଲେ ଏବଂ ଏହାର ଫଳ କଣ ହୋଇଥିଲା ?

ଘ) ଅହମ୍ମଦାବାଦ ଲୁଗା କାରଖାନା ଆନ୍ଦୋଳନରେ ମହାତ୍ମା ଗାନ୍ଧିଙ୍କ ଭୂମିକା କଣ ଥିଲା ?

ଙ) ରାଓଲାଟ ଆଇନ କଣ ଏବଂ ଏହା ବିରୋଧରେ ଭାରତୀୟମାନଙ୍କର ପ୍ରତିକ୍ରିୟା କିପରି ପ୍ରତିଫଳିତ ହୋଇଥିଲା ?

3. ୩ ନମ୍ବର ସମ୍ବଳିତ ପ୍ରଶ୍ନ ।

କ) ଚିନିକାଠିଆ ବ୍ୟବସ୍ଥା କଣ ?

ଖ) ଗାନ୍ଧିଜୀ ଦକ୍ଷିଣ ଆଫ୍ରିକାରେ ଭାରତୀୟମାନଙ୍କୁ ଇଂରେଜମାନଙ୍କ ଅତ୍ୟାଚାର ବିରୋଧରେ ସଚେତନ କରିବା ପାଇଁ କଣ କରିଥିଲେ ?

ଗ) ଖେଡ଼ା ସତ୍ୟାଗ୍ରହ କଣ ପାଇଁ ଆରମ୍ଭ ହେଲା ?

ଘ) ରାଓଲାଟ ଆଇନ କଣ ?

ଙ) ଜାଲିଆନାୱାଲାବାଗ ହତ୍ୟାକାଣ୍ଡ କାହିଁକି ସଂଘଟିତ ହୋଇଥିଲା ?

4. ୨ ନମ୍ବର ସମ୍ବଳିତ ପ୍ରଶ୍ନ ।

କ) ଗାନ୍ଧିଜୀ ଦକ୍ଷିଣ ଆଫ୍ରିକାର କେଉଁ ସ୍ଥାନକୁ ଯାଇଥିଲେ ଓ କଣ ପାଇଁ ଯାଇଥିଲେ ?

ଖ) ନୀଳର ଚାହିଦା ହ୍ରାସ ପାଇବା ଫଳରେ ଚମ୍ପାରନରେ ଚାଷୀମାନଙ୍କୁ କିପରି ଶୋଷଣ କରାଗଲା ?

ଗ) ଅହମ୍ମଦାବାଦ ଲୁଗା କାରଖାନାର ଶ୍ରମିକମାନଙ୍କର କାହିଁକି ମାଲିକମାନଙ୍କ ସହିତ କଳହ ଆରମ୍ଭ ହେଲା ?

ଘ) ରାଓଲାଟ ଆଇନ ବିରୋଧରେ ଗାନ୍ଧିଜୀଙ୍କ ସତ୍ୟାଗ୍ରହକୁ ଆନିବେସାନ୍ତଙ୍କ ବ୍ୟତୀତ ଅନ୍ୟ କେଉଁମାନେ ବିରୋଧ କରିଥିଲେ ?

ଙ) ପ୍ଲେଗ ବୋନସ କଣ ?