

NIMAWAT PUBLIC SCHOOL

HOLIDAYS' HOME WORK 2019-20-CLASS-IV

1	English	Marigold Write and learn answers to the questions of Unit I- "Wake Up" and "Neha's Alarm clock". Mirror of Value Write and learn answers to the questions of lesson 1- "God Does Everything For Our Good" and Lesson 2- "Cheerfulness" Great fun with Grammar Write 2 sentences of Present Tense and identify all the parts of speech they consist of. Write and learn 10 Singular words with their Plural forms. Write and learn 20,verbs with their 3 forms. Write 5 new words daily. Write one page of handwriting (Printing letters) -daily.
	Hindi	1 आप के घर पर एक जरूरी कार्य हो गया है। इसके लिए एक दिन की छुट्टी के लिए अपने प्राचार्य महोदय को एक प्रार्थना पत्र लिखिये । 2.आप अपना जन्म दिन कब और कैसे मनाते हो । एक पृष्ठ में लिखो । 3.बीस पर्यायवाची शब्द और बीस विलोम शब्द लिखो ।एवं कण्ठस्थ करे । 4.बीस मुहावरें अर्थ सहित लिखो ।एवं कण्ठस्थ करे । 5. कोई भी एक कहानी एक पृष्ठ में लिखो ।
3	Mathematics	1)Solve the problems mentioned in page no 11,13,15, and 16 of Mental Mathematics Book. 2) Learn and write Multiplication Tables upto 20. 3) Learn and write Roman Numerals upto 100.
4	EVS	Q. 1. Collect the images of various birds and paste them on white chart paper and write their names below. Q. 2. What are the herbivorous and carnivorous animals? Give the examples.
5	Computer	1.Describe different types of Computers and their features with examples and images. 2.Categorize different types of Computer languages. Describe First, Second, Third, Fourth & Fifth Generation Languages with their examples.
6	French	1. Write down the Alphabets in French. 2. Translate the following "Greetings" into French.- Hi/ Hello, Good morning , Good afternoon, Good evening, Good night, Thank you, Good luck. Welcome, See you tomorrow, Good bye. 3. Write down Counting from 0 to 20 in French and learn them.

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HOLIDAYS' HOMEWORK2019-20- CLASS-V

1	English	Marigold Write and learn the Question Answers of Unit I- "Ice Cream Man" and "Wonderful Waste" Mirror of values Write and learn the Question Answers of lesson 1- "Abide with me" and lesson 2- " The Power of Positive Thinking" Great fun with Grammar Write and learn 10 verbs with their three forms. Write a paragraph on " Your School" Write 2 sentences of each Tense and identify the Parts of Speech-they consist of. Write and learn an Application to the Director of your school for a sick leave for two days. Write one page of handwriting (Printing letters) in your notebook daily.
	Hindi	1. अपने बड़े भाई की शादी में जाने के लिए दो दिन की छुट्टी के लिए अपने प्राचार्य महोदय को एक प्रार्थना पत्र लिखो 2. आप अपना जन्म दिन कब और कैसे मनाते हो एक पृष्ठ में लिखो 3. बीस पर्यायवाची शब्द और बीस विलोम शब्द लिखो एवं कण्ठस्थ करे 4. बीस मुहावरें अर्थ सहित लिखो एवं कण्ठस्थ करे 5. अपने विद्यालय के बारे में एक पृष्ठ लिखो
3	Mathematics	1) Solve the problems mentioned in page numbers 11,13,15 and 16 of your Mental Mathematics Book. 2) Learn and write Multiplication Tables up to 20. 3) Learn and write Roman Numerals up to 150.
4	EVS	Q. 1. Collect the images of some National Parks of India and write their names below. Q. 2. Write the names of some animals and mention the types of sensitive powers they have.
5	Computer	1. Write about Calculating Devices like BCABACUS, PASCAL Adding Machine, LEIBNIZ Calculator with their images. 2. Define different types of Computers like Micro Computers, Mini Computers, Mainframe Computers & Super Computers with their examples and images.
6	French	1. Write down the Alphabets in French. 2. Translate the following "Greetings" into French. 3. Hi/ Hello, Good morning , Good afternoon, Good evening, Good night, Thank you, Good luck. Welcome, See you tomorrow, Good bye. 4. Write down Counting from 0 to 20 in French & learn them.

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HOLIDAYS' HOME WORK 2019-20- CLASS-VI

1	English	<p><u>Honeysuckle</u> Write and learn the Question Answers of Unit I- " Who Did Patrick's Homework" and " A House, A Home"</p> <p><u>Mirror of Value</u> Write and learn the Question and Answers of lesson 1- "Prayer" and lesson 2- "Footprints in the Sand"</p> <p><u>Grammar</u> Write a Paragraph on "Summer Vacation" Write 2 sentences of each Tense and identify the parts of speech - they consist of. Write & Learn 20 verbs with their three forms. Write & Learn 10 Singular words with their Plural forms. Write 5 new Words daily.</p> <p><u>Cornerstone</u> Write and learn 15 Adjectives with their " Degrees of Comparison". Write a story titled " Greedy Dog". Write a paragraph on "Summer Vacation". Prepare a chart on Tense and write 2 sentences of each type. Write a passage, comprehend it and answer the questions. -</p>
2	Hindi	<p>1) 20 पेज सुलेख लिखिए। 2) अपने शैक्षणिक भ्रमण (यात्रा) के बारे में बताते हुए दादी जी को पत्र लिखिए। 3) निम्नलिखित अनुच्छेद लिखिए। गर्मी से बचने के लिए आप क्या-क्या उपाय करेंगे ? विस्तार से लिखिए। 4) "योगाभ्यास" का हमारे जीवन में क्या महत्व है ? लिखिए। 5) वसंत –(पाठ्य पुस्तक) 1) "वह चिड़िया जो" के प्रश्न उत्तर लिखिए व याद कीजिए। 2) "संस्मरण" नामक पाठ के उत्तर लिखिए व याद कीजिए। बाल राम कथा "अवधपुरी मे राम" नामक पाठ का सारांश लिखिए।</p>
3	Mathematics	<p>1) Solve the problems given in page number 9,10,12,15 and 16 of your Mental Mathematics Book. 2) Learn and write squares of Natural numbers up to 30. 3) Learn and write Multiplication Tables up to 25.</p>
4	Science	<p>1. Make a list (with pictures) of food items generally taken by people of different regions of India. 2. Prepare a weaving pattern with the help of paper strips.</p>
5	Social Science	<p>1. Draw the Solar system. Name all the planets according to their distance from the Sun. 2. Choose a planet of your choice. Collect information related to it and write it in your notebook. 3. Define following terms:- (i) Celestial bodies (ii) Orbit (iii) Planets (iv) Pole Star (v) Galaxy.</p>
6	Computer	<p>1. Define different types of Computer Hardwares like Input Hardware (Keyboard, Mouse, Web Cam, Scanner, Joystick), Output Hardware (Monitors & Printers) & Storage Hardware (Hard Disk, Pen Drive, CD, DVD, Blu Ray Disk & Memory Card) with their examples and images.</p>
7	Sanskrit	<p>1. बालक ,बालिका शब्द रूपाणि लिखतु एवं कण्ठस्थ करोतु । 2. स्वपाठ्य पुस्तकेषु पंच श्लोकाः लिखतु एवं कण्ठस्थ करोतु । 3. पठ् धातु त्रयः लकाराः लिखतु एवं कण्ठस्थ करोतु । 4. प्रथमः ,द्वितीय तृतीय चतुर्थ पाठस्य शब्दार्था लिखतु । स्मरणं करोतु ।</p>
8	French	<p>1. Write down the verb "To Be" in French and learn it. 2. Write 20 Vocabulary words from chapter 2 (Les lettres) 3. Learn and write months of the year in French.</p>

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HOLIDAYS' HOME WORK 2019-20- CLASS-VII

1	English	<ol style="list-style-type: none">Learn and write question answers of Ch-1 “Three Questions” from Honeycomb and Ch-1 “Lead, Kindly Light” from The Mirror of Values.What are the Sentences? Write down all its kinds with the examples.Write the definition and kinds of Nouns.What are the Pronouns? How are they different from Nouns? Explain all its types.Write a descriptive note in about 150 words on the following topics:-<ol style="list-style-type: none">How you enjoyed your summer vacations?My first day in the hostel.Write thirty verbs using the following pattern:-<table><tr><td>V1</td><td>V2</td><td>V3</td><td>V4</td><td>V5</td></tr><tr><td>Go</td><td>Went</td><td>Gone</td><td>Going</td><td>Goes</td></tr><tr><td>Play</td><td>Played</td><td>Played</td><td>Playing</td><td>Plays</td></tr></table>	V1	V2	V3	V4	V5	Go	Went	Gone	Going	Goes	Play	Played	Played	Playing	Plays
V1	V2	V3	V4	V5													
Go	Went	Gone	Going	Goes													
Play	Played	Played	Playing	Plays													
2	Hindi	<ol style="list-style-type: none">20 पेज सुलेख लिखिए।अपने पिता को पत्र लिखकर विद्यालय के अवकाश की जानकारी दीजिए।निम्नलिखित अनुच्छेद लिखिए। मोबाइल .फोन : मुसीबत या मददगार स्वच्छ भारत : स्वस्थ भारतवसंत –(पाठ्य पुस्तक) पाठ-1 “हम पंछी उन्मुक्त गगन” के प्रश्न उत्तर लिखिए एवं याद कीजिए। बाल महाभारत कथा–(पाठ्य पुस्तक) देवव्रत व भीष्म के विषय में लिखिए।															
3	Mathematics	Instructions: Solve the following exercises from the text book of Mental Mathematics: Integers – Exercises 1, 2, 3 and 4(refer page no.6, 7, 8 and 9) from NCERT Book. Fractions And Decimals – Exercises 1, 2, 3, 5, 6 and 7(refer page no.11, 12, 13, 14, 16 and 17).Write and learn Tables from 1 to 20.															
4	Science	<ol style="list-style-type: none">Collect the samples of different types of fabrics and write their properties.Describe chemical changes and physical changes.Tabulate the effect on turmeric solution with following solution :- Lemon Juice, Baking Soda, Common Salt, Sugar, Vinegar, Soap Solution. Also paste papers to prove your experiments.															
5	Social Science	<ol style="list-style-type: none">Make a diagram of Interior of the Earth. (page no.7)Write about the Interior of the Earth. (page no.7)															
6	Computer	<ul style="list-style-type: none">Give details of any four internal hardware devices.Give details of any four external hardware devices.Draw the following figures and name them:-External Hardware Devices Internal Hardware DevicesWrite a short note on the working of the following:-<ul style="list-style-type: none">Printers, Speakers, Motherboard, Ports and Connectors.Learn all the questions of Ch-1 “Computer Hardware – Internal & External”.Write a descriptive note in about 100-150 words on your experience “When you first operated any computer/ laptop at your home / school lab.Write a descriptive note in about 100-150 words on any one advancement in technology that you are observing in India.															
7	Sanskrit	<ol style="list-style-type: none">राम ,हरि या रवि शब्द रूपाणि लिखतु एवं कण्ठस्थ करोतु ।हस् धातु चत्वारः लकाराः लिखतु एवं कण्ठस्थ करोतु ।प्रथमः ,द्वितीय तृतीय चतुर्थ पाठस्य शब्दार्था लिखतु । स्मरणं करोतु ।स्वपाठ्य पुस्तकेषु पंच श्लोकाः लिखतु एवं कण्ठस्थ करोतु ।															
8	French	<ol style="list-style-type: none">Write 30 Vocabulary words from chapter 1 (Ma famille).Learn and write list of Adjectives in French. (Lesson 1 & Page No 14).Learn and write list of Adverbs in French. (Lesson 1 & Page No 15).															

NIMAWAT PUBLIC SCHOOL

HOLIDAYS' HOME WORK 2019-20- CLASS-VIII

1	English	1. Write an essay on an Educational Tour in about 200 words 2- Write the definitions of Noun, Pronoun, Adjective, Verb and Adverb with their kinds and examples. 3- Change the following sentence into affirmative, negative, interrogative and interrogative + negative sentences of all the tenses: Children play cricket in the ground. 4-Learn and write the questions and answers of the chapter ' The Best Christmas Present in the World'.
2	Hindi	1) दिनांक 07.05.2019 से लेकर दिनांक 15.06.2019 तक किसी भी हिन्दी समाचार पत्र को पढ़ कर प्रत्येक दिन मुख्य पाँच समाचार अपनी गृहकार्य पुस्तिका में लिखें। 2) अपनी हिन्दी की सहायक पुस्तिका 'भारत की खोज' के अध्याय 2 व 3 को पढ़कर उसका सार लिखिए।
3	Mathematics	Book NCERT Chapter 01 – Solve all the examples and all the questions of all exercises. Chapter 02 – Solve all the examples and all the questions of all exercises.
4	Science	1. Collect at least five different types of seeds, paste them and write their names and mention the types whether Kharif crops or Rabi crops. 2. Write a report on benefits of manure over chemical fertilizers. 3. Write about five types of synthetic fibers, their uses and basic polymers of fibers.
5	Social Science	Q. 1. Write a brief history about the Modern period of Indian history from 1757 onwards. Q. 2. What are the resources? Write a few lines about Human Resource. Q.3. Write a case study on Law and Dissent.
6	Computer	<ul style="list-style-type: none">• What are the major functions of operating system?• Write a descriptive note in about 200-250 words describing all the features and technicalities of Mars Orbiter Mission (MoM).• Search valuable data on the Supercomputer of India and write a descriptive note in about 200-250 words describing all its features.• How are computer applications useful for healthcare system? Give reference to robotic surgery or other modern advanced treatment facilities.• Define the following types of operating systems with examples:-<ul style="list-style-type: none">➤ Single User Operating System➤ Multi-user Operating System➤ Multiprocessing Operating System➤ Multitasking Operating System➤ Multithreading Operating System• What is a number system? Define all types of number systems.• Convert the following binary numbers into its equivalent decimal numbers:- 110010 b) 101010 c) 11011 d) 1001110• Convert the following decimal numbers into its equivalent binary numbers:- 24 b) 147 c) 212 d) 111
7	Sanskrit	1. कवि, नर शब्द रूपाणि लिखतु एवं कण्ठस्थ करोतु। 2. प्रथमः, द्वितीय, तृतीय, चतुर्थ, पंचम पाठस्य शब्दार्था लिखतु। स्मरणं करोतु। 3. खाद् धातु पंच लकाराः लिखतु एवं कण्ठस्थ करोतु। स्मरणं करोतु। 4. स्वपाठ्य पुस्तकेषु पंच श्लोकाः लिखतु एवं कण्ठस्थ करोतु।
8	French	1. Write 30 Vocabulary words from chapter 1 (La maison de Roger). 2. Write answers to the questions of Lesson 1. 3. Prepare a list of verbs in French (Lesson 1 & Page No 11).

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HOLIDAYS' HOME WORK 2019-20- CLASS-IX

1	English	<p>1-Write a composition in about 300-350 words on the following topic: You have recently shifted to a new neighborhood in the city. Describe the new locality where you live and compare it to the previous neighborhood from where you came. And mention what you like about this new locality and what are the things that you would like to change and why?</p> <p>2- Write the definitions of Noun, Pronoun, Adjective, Verb, Adverb, Preposition, Conjunction and Interjection with their kinds and examples.</p> <p>3- Change the following sentence into affirmative, negative, interrogative and interrogative + negative sentences of all the tenses: Children play cricket in the ground.</p> <p>4- Learn and write all the questions and answers of the chapter ' The Fun They Had' from Beehive Book.</p>
2	Hindi	<p>1) आपने अपने ग्रीष्मावकाश का समय कैसे व्यतीत किया, प्रत्येक दिन की मुख्य घटना को डायरी के रूप में लिखें।</p> <p>2) अपनी व्याकरण पुस्तक से किसी भी विषय पर पाँच निबंध लिखें।</p> <p>3) किसी भी विषय पर दो औपचारिक तथा दो अनौपचारिक पत्र लिखें।</p>
3	Mathematics	<p>1. Write the definition of 15 types of number.</p> <p>2. Write 15 identities of Algebra.</p> <p>3. Solve exercises 1.1, 1.2, 1.3, 1.5 and 1.6 from your NCERT book.</p> <p>4. Find out Square root spiral of $\sqrt{2}$, $\sqrt{3}$, $\sqrt{4}$, $\sqrt{5}$, $\sqrt{6}$.</p> <p>5. Define polynomials with examples.</p> <p>6. Write the types of polynomials with examples.</p>
4	Science	<p style="text-align: center;">CHEMISTRY</p> <p>Q.1 Define the following terms with examples:- Melting , Vaporization, Condensation and Sublimation.</p> <p>Q.2 Discuss the factors affecting the rate of evaporation.</p> <p>Q.3 Write all the answers to the questions of chapter 1 : Matter in our surroundings.</p> <p style="text-align: center;">PHYSICS</p> <p>1. Derive the following equations of the motion by mathematical method.</p> <p>a) $v = u + at$</p> <p>b) $S = ut + \frac{1}{2} at^2$</p> <p>c) $v^2 - u^2 = 2as$</p> <p>2. What is meant by uniform circular motion? Give two examples of uniform circular motions.</p> <p style="text-align: center;">BIOLOGY</p> <p>1. Draw a diagram of plant cell and label its parts.</p> <p>2. List any two structural differences and two similarities between animal cells and plant cells.</p> <p>3. List two types of plastids and state one function of each.</p> <p>4. What would happen if an animal cell is kept in distilled water for 24hrs?</p> <p>5. Write following activities in lab manual :</p> <p>i. Preparation of stained temporary mounts of (a) Onion peels (b) Human cheek cells and record observation and draw their labeled diagrams.</p> <p>ii. Identification of Parenchyma, Collenchymas and Sclerenchyma tissues in plants, Striped, Smooth and Cardiac muscle fibers and Nerve cells in animals, from prepared slides. Draw their labeled diagrams.</p> <p>iii. Study the characteristics of Spirogyra, Agaricus, Moss, Fern, Pinus (either with male and female cone) and an Angiospermic plant. Draw and give two identifying features of the groups they belong to.</p> <p style="text-align: center;">Note :- Draw all the diagrams with pencil.</p>

5	Social Science	<p style="text-align: center;">Democratic Politics</p> <p>1. Write the preamble of the Constitution of India. (page no.51) 2. Define the key words of the preamble (page no.51)</p> <p style="text-align: center;">Economics</p> <p>1. Write answers to the questions from 2 to 11 of chapter 1(The story of village Palampur)</p> <p style="text-align: center;">History</p> <p>(1) Solve Map questions related to ch-1 in your Map Book. (2) Write Short notes on:- (I) Jacobin club (II) Napoleon Bonaparte</p> <p style="text-align: center;">Geography</p> <p>(1) Solve Map questions of ch-1 in your Map Book. (2) Draw Map of India in your note- book and show its length and breadth.</p>
6	Computer	<p>*Write a descriptive note in about 200-250 words describing all the features and technicalities of Mars Orbiter Mission (MoM). *What do you know about Smart Cities? How Computer Applications help in realizing the dream of Smart Cities? *Search valuable data on the Supercomputer of India and write a descriptive note in about 200-250 words describing all its features. *What is the use of Artificial Intelligence in the modern era? How will it change the living pattern in coming years? *Draw the tables of the following and complete the details: - -Units of computer memory measurement. -Differences between RAM and ROM. -Differences between primary memory and secondary memory. *Write down all the keywords of Ch-1- “Computer System” and Ch – 2 -“Types of Hardware”. *Learn all the answers to the questions of Ch - 1 “Computer System” and Ch – 2 “Types of Hardware”. Draw the neat and clean diagram of the following:- -Basic structure of computer. -Components of CPU.</p>
7	Sanskrit	<p>1. चल धातु पंच लकाराः लिखतु एवं स्मरणं करोतु । 2. उकारान्त , आकारान्त शब्दरूपाणि लिखतु , एवं स्मरणं करोतु । 3. सम्पूर्ण स्वर सन्धि उदाहरणसहितम् वर्णनम् लिखतु एवं स्मरणं करोतु । 4. पंच श्लोकाः लिखतु , एवं स्मरणं करोतु ।</p>

NIMAWAT PUBLIC SCHOOL

HOLIDAYS' HOME WORK 2019-20 - CLASS-X

1	English	<p>I. Write five stories in 200-250 words based on the given prompts in the holiday home work note book.</p> <ol style="list-style-type: none"> 1. There is a hole in the sky where the moon used to be..... 2. I woke up to hear knocking on the glass. At first I thought it was the window until I heard it come from the mirror again..... 3. "I can't marry her. She would kill me within a week"..... 4. She asked why I was breathing so heavily. I was not..... 5. Mr. Thomas was a wealthy business man. One day he was sitting alone at his dining table when..... <p>II. Write an essay on "Why I want to become an Indian Ambassador to South Korea." (Word limit 300-350 words)</p> <p>III. Prepare a chart on Tense.</p> <p>IV. Read the play 'The Book That Saved the Earth' thoroughly and write its summary in your own words.</p> <p>V. Define the following literary devices and give their examples; Simile, Metaphor, Alliteration, Hyperbole, Imagery, Onomatopoeia</p>
2	Hindi	<ol style="list-style-type: none"> 1. रोज के अखबार पढ़कर – टी0वी0 देखकर देश-विदेश के घटनाक्रम पर नजर डालते हुए 10 दिन के मुख्य समाचारों पर 4 पृष्ठ का परियोजना कार्य करें । 2. सूरदास के पदों को समझते हुए सारे पदों का भावार्थ लिखो तथा गोपियों की सम्पूर्ण विशेषताये लिखो 3. नेताजी का चश्मा पढ़कर आपको क्या शिक्षा मिली आप देशभक्ति के लिए क्या क्या करना चाहेंगे ? सम्पूर्ण विवरण 2 पृष्ठ में लिखिये । 4. मानवीय जीवन मूल्यों पर कोई पांच निबंध लिखो । प्रत्येक दो पृष्ठ ।
3	Mathematics	<p>Complete the tasks based on the activities;</p> <p>Activity 1: Find the HCF of two numbers experimentally based on Euclid's Division Lemma.</p> <p>Activity 2: Obtain a graphical exploration of the zeros of a quadratic polynomial.</p> <p>Activity 3: Obtain the conditions for consistency of a system of a linear equations two variables by graphical method.</p> <p>Activity 4: Verify that the sum of first n natural numbers is $n(n + 1)/2$, i.e, $S_n = n(n + 2)/2$, by graphical method.</p>
4	Science	<p style="text-align: center;">Physics</p> <p>*Write all the answers to the questions of chapter -12-" Electricity" from your NCERT Book .</p> <p>*Solve the numericals based on the chapter " Combination of Resistances, Electric current, Power and Potential".</p> <p>Solve the example questions given in chapter 12 -"Electricity" of your NCERT Book .</p> <p style="text-align: center;">Chemistry</p> <p>Q.1 Define the terms with examples; Decomposition,,Displacement,Double Displacement,Precipitation,Neutralization and Redox Reactions .</p> <p>Q.2 Solve all the NCERT exercise questions of chapter -1 : Chemical Reactions and Equations.</p> <p>Q.3 Answer the following based on activity:- Where have you mixed the solutions of lead(II) nitrate and potassium iodide.</p> <ol style="list-style-type: none"> i) What was the colour of the precipitate formed ? Can you name the compound precipitated ? ii) Write the balanced chemical equation for this reaction. iii) Is this also a double displacement reaction ?

		<p style="text-align: center;">Biology</p> <p>1. Draw, label and record experimental results and interpret them in the practical exercises as given in your Laboratory manual class X(Term-I). Experiments are given below-</p> <p>(a) Preparing a temporary mount of a leaf peel to show Stomata. (b) Experimentally show that Carbon dioxide is given out during respiration. Note: Diagram and labeling should be only by pencil and write up should be by blue ink pen.</p>
5	Social Science	<p style="text-align: center;">Democratic Politics</p> <p>Write full details about the following political parties (page no.80):-</p> <ol style="list-style-type: none"> 1) Bharatiya Janta Party (BJP) 2) Indian National Congress (INC) 3) Bahujan Samaj Party (BSP) <p>Note:- Draw the symbols of the aforesaid political parties.</p> <p style="text-align: center;">Economics</p> <p>Write answers to the questions from 5 to 12 of chapter 1</p> <p style="text-align: center;">History</p> <p>(1) Solve Map questions of chapter-1 in your History-Map Book. (2) Write short notes on:- (I) Giuseppe Mazzini. (ii) How Germany got united.</p> <p style="text-align: center;">Geography</p> <p>Solve Map questions of chapter-1 in your Geography Map Book.</p>
6	Computer	<p>(i) Make a presentation on Internet application with minimum 10 points. (ii) Make a Diagram of a web server model and explain it. (iii) Make a chart of different types of server. (iv) Create a chart for Internet terminology with explanation. (v) Make a differential chart on HTTP vs HTTPS.</p>
7	Sanskrit	<p>1. लिख् धातु पंच लकाराः लिखतु । एवं स्मरणं करोतु । 2. द्वौ प्रार्थना पत्रं लिखतु । एवं स्मरणं करोतु । 3. द्वे चित्रनिर्माणम् (पंच-पंच वाक्यानि) 4. सम्पूर्ण व्यंजन सन्धि एवं विसर्ग सन्धि उदाहरणसहितम् वर्णनम् लिखतु एवं स्मरणं करोतु ।</p>

NIMAWAT PUBLIC SCHOOL

HOLIDAYS' HOME WORK 2019-20 - CLASS-XI

1	English	<p>Instructions: All questions are to be done in a separate notebook.</p> <p>Q1. You are Ashish, the Head – Boy of Deendayal Public School. An Inter House Debate Competition is going to be held in your school. Write a notice informing the students of classes IX to XII about the same. The topic will be “Mobile phones are a curse for the present generation”. Time given to each participant would be 4 minutes. (W.L. – 50)</p> <p>Q2. You are Jatin, the Cultural Secretary of Abhinav Public School. An Inter House One Act Play Competition is going to be held in your school. Write a notice informing the students of classes IX – XII about this event. (W.L. – 50)</p> <p>Q3. You are Sagar, the Cultural Secretary of ABC Public School. Draft a notice in not more than 50 words informing the students of classes IV, V and VI about a fancy dress competition to be held in your school.</p> <p>Q4. Change the following sentences from Direct to Indirect speech</p> <p>The doctor said to me, “The climate of this city will not suit you.”</p> <p>Priya said, “The earth is round.”</p> <p>My brother said to his friend, “I am very sleepy.”</p> <p>She said, “I have passed the exams.”</p> <p>My friend said, “Have you ever been to London?”</p> <p>The policeman said to us, “Where are you going?”</p> <p>My friend said to me, “Can you solve the problem?”</p> <p>M mother said to the stranger, “What is the purpose of your coming?”</p> <p>The teacher said to the students, “Complete your work.”</p> <p>The Principal said to the parents, “Please sit in the hall.”</p> <p>Sunil said to his friend, “Don’t forget to recharge your mobile.”</p> <p>My sister said to me, “Consult the doctor regarding your eyesight.”</p> <p>The saint said, “Go to the Himalayas for meditation.”</p> <p>Sita said to Praveen, “I will return your money tomorrow.”</p> <p>The news said, “A strong earthquake has hit Japan.”</p> <p>Q5. Change the voice of the following from Active to Passive.</p> <p>I see the moon.</p> <p>You stitch clothes in that shop.</p> <p>She loves burgers.</p> <p>He visits us everyday.</p> <p>I drank plenty of water.</p> <p>Did you hear the sound of a moving car?</p> <p>I liked reading.</p> <p>You have parked the car in the lane.</p> <p>I don’t like apples.</p> <p>She was celebrating her birthday with the senior citizens at the ashram.</p> <p>People are enjoying the match.</p> <p>Who has broken the cup?</p> <p>How did he manage the trick?</p> <p>They celebrate Holi every year.</p> <p>Mohan does not make excuses.</p> <p>Q6. Make a complete project on Khushwant Singh based on his life and work both as a journalist as well as an author.</p>
2	Hindi	<p>1- गौष्मकालीन अवकाश के दौरान आपकी क्या उपलब्धि रही, घर के काम-काज में आपने क्या सहायता की, अपने भविष्य के बारे में अभिभावकों से क्या विचार-विमर्श किया ? जीवन में क्या कुछ नया करने की सोच रहे हैं, इन्हीं सब पर 5 पृष्ठ लिखें ।</p> <p>2- ‘सर्जिकल स्ट्राइक’ क्या है ? पाक के विरुद्ध भारत द्वारा किए गए इस अभियान को यह नाम क्यों दिया गया ? सम्पूर्ण अभियान का विवरण निबंध के रूप में लिखें ।</p> <p>3- मानवीय गुणों पर आधारित कोई 5 फीचर लिखें ।</p>
3	Mathematics	<p>Answer the following questions:-</p> <ol style="list-style-type: none">1. Define set with example. Represent the set like as N, W, Z and Q.2. Differentiate between Roster form and Set Builder form.3. Differentiate Union of set and Intersection of set with suitable example.4. Define Null set.5. Draw the diagrams of $(A \cup B)'$, $(A \cap B)'$. Differentiate between Equal Set and Equivalence Set.

4	Physics	<p>Q1. Write the formula, unit and dimension of following physical quantity: Gravitational force, Terminal velocity, Bulk modulus of elasticity, Density, Stress, Strain, coefficient of viscosity.</p> <p>Q2. Derive the formula by dimension method: 1. $T = 2\pi L^{1/2}/g^{1/2}$ 2. $G = Fr^2/Mm$</p> <p>Q3. What is basic unit/fundamental unit and derive unit? How can we say that Velocity is a derive unit?</p> <p>Q4. Unit conversion from S.I to CGS Unit: 1. $1N = ? \text{dyne}$. 2. $1J = ? \text{erg}$.</p> <p>Q5. What are the natural forces ? Define all of them.</p>
5	Chemistry	<p>Q.1 Solve all the NCERT exercise questions of chapter -2 : Atomic structure.</p> <p>Q.2 Make an update report on climate changing and the method how to protect our earth from harmful effects of changing climate(at least 10 pages).</p>
6	Biology	<p>With the help of your Lab manual complete the written parts through the labelled diagram and any two identifiable characteristics of the following specimens- Amoeba, male and female Ascaris, Earthworm, Starfish, Rohu, Dogfish, Liverworts, Frog, Rhizopus, Fern , Yeast, Plant tissues such as Parenchyma, Collenchyma , Sclerenchyma , Animal tissues such as squamous -Epithelial and Muscle fibres. Note: Diagram should be drawn and labelled only by pencil .</p>
7	Accountancy	<p>According to guidelines specified by CBSE as explained in the Class, prepare a Project on the topic " Need Of Accounting to the Organization". The project must include introduction to accounting, basic accounting terms, basic accounting concepts and its uses as accounting information report.</p>
8	Business Studies	<p>Prepare a Project Report on any one of the World Famous Business Entrepreneurs. Your Presentation should include:</p> <ul style="list-style-type: none"> The background of the entrepreneur The evolution of the business. The rise of the business empire. The growth and expansion of the empire and the factors contributing to its stability. The future prospects of the business. <p>Give an example of activity, which is economic in one sense and non economic in another sense. Tina produces goods not for the purpose of sale but for personal consumption. Will it be a business activity? Why?</p> <p>What type of industry are poultry farms and dealing with sapling of plants? Name the auxiliary to trade which removes the hindrance of information. ABC Ltd. is planting trees on the road side, which objective is it trying to achieve? Santosh is an IAS Officer while his sister Simran runs an event management company. Their friend Ananya is a doctor and has her own clinic.</p> <ul style="list-style-type: none"> (i) Identify the economic activities in which Santosh, Simran and Ananya are involved. (ii) Distinguish between these economic activities on the basis of Investment, return, code of conduct and transfer of interest <p>If registration is optional, why do partnership firms willingly go through this legal formality and get themselves registered? Explain.</p>
9	Economics	<p style="text-align: center;">Statistics for Economics</p> <p>1. Write answers to short type questions from 1 to 9 from chapter 1. 2. Write answers to long type questions from 1 to 5 from chapter 1</p> <p style="text-align: center;">Micro Economics</p> <p>1. Make a project report on any topic given- Bumper production -Boon or Bane for the Farmer. Organic farming - Back to the Nature. Waste Management in India- Need of the hour . Alternate Fuel - Types and importance. Effect of price change on a Substitute good (visit a local market for inputs). Differentiate between normal goods and inferior goods (visit a local market for inputs).</p>
10	Informatics Practices	<p>1. Write a Python program to Maximum of three number. 2. Write a Python program to find whether a number is prime or not. 3. Define the following terms: Keywords, Identifiers, Operator (WL-100)</p>
11	Physical Education	<p>1. Prepare record file for the following experiments: a. Labelled diagram of 400 M Track & Field with computations. b. Labelled diagram of field & equipment of any one game of your choice from the list given below. (Badminton ,Gymnastics, Judo , Swimming , Table tennis, Tennis)</p>

NIMAWAT PUBLIC SCHOOL

HOLIDAYS' HOME WORK 2019-20 - CLASS-XII

1	English	<p>i) Write an article on the topic "English Language is the need of the hour" (WL 200-250).</p> <p>ii) Design an invitation card for the Annual Function of your School which is on 19th October 2019. OR</p> <p>Design a Marriage Card.</p> <p>iii) Make a Tense Chart along with the sentences in your HHW note book.</p> <p>iv) Write the story and answers to the questions of the chapter-Third Level.</p> <p>v) Draft a Notice informing your society about the Power Cut for one day. You are Ravi/Rekha; Secretary Civil Lines Colony.</p> <p>vi) Design a poster on the topic: "Save Animals, Save Yourself & Save Earth".</p>
2	Hindi	<p>1- गीष्मकालीन अवकाश के दौरान आपकी क्या उपलब्धि रही, घर के काम-काज में आपने क्या सहायता की, अपने भविष्य के बारे में अभिभावकों से क्या विचार-विमर्श किया ? जीवन में क्या कुछ नया करने की सोच रहे हैं, इन्ही सब पर 5 पृष्ठ लिखें ।</p> <p>2-नोबल पुरस्कार का सम्पूर्ण इतिहास लिखें किसने स्थापित किया , किस-किस क्षेत्र में यह पुरस्कार दिया जाता है,इस वर्ष विभिन्न क्षेत्रों में किस-किस को मिला ? सम्पूर्ण विवरण 5 पृष्ठों में लिखें ।</p> <p>3-‘सर्जिकल स्टाइक’ क्या है ?पाक के विरुद्ध भारत द्वारा किए गए इस अभियान को यह नाम क्यों दिया गया ? सम्पूर्ण अभियान का विवरण निबंध के रूप में लिखें ।</p> <p>4-मानवीय गुणों पर आधारित कोई 5 फीचर लिखें ।</p>
3	Mathematics	<p>Solve following questions based on the topic Relation and Function .</p> <p>Q.1. Define equivalence relation over a given set.</p> <p>Q.2. If the relation $R = \{ (a,b) : a+b=5 \}$ is defined in the set $A = \{1,2,3,4\}$ then show that R is neither reflexive nor transitive but symmetric.</p> <p>Q.3. If $A = \{1,2,3\}$ and $R = \{(1,2), (2,1), (1,1)\}$, then state whether R is equivalence or not.</p> <p>Q.4. "Two lines are perpendicular-" check whether the relation between the lines is an equivalence or not.</p> <p>Q.5. Give an example of a relation. Which is-</p> <p>(i) symmetric but not reflexive.</p> <p>(ii) Transitive but neither reflexive nor symmetric.</p> <p>Q.6. Define bijectivity with suitable example.</p> <p>Q.7. With the help of ray diagram, explain the composition of two functions.</p> <p>Q.8. Make a flow chart of different kinds of functions along with their domain and range.</p> <p>Q.9. Draw the graph of $\sin^{-1} x, \cos^{-1} x$.</p>
4	Physics	<p>1. Give derivation of field due to dipole from chapter 1- Electric Field.</p> <p>2. Write Applications of Gauss law.</p> <p>3. Solve questions from 1.1 to question 1.15 of your NCERT book and also solve examples 1.6, 1.7 and 1.9.</p>
5	Chemistry	<p>1. Solve all the NCERT Exercise Questions from chapter 2- Solution.</p> <p>2. Write all the Solved and solve the unsolved Numericals Of NCERT.</p> <p>3. Prepare a chart of C-9 Formulas.</p>
6	Biology	<p>1. With the help of your Lab manual Biology complete the written parts through the labelled diagram and any three identifiable characteristics of the following specimens-(a) T.S.of Testis, Ovary, Blastula .</p> <p>(b)Ascaris male and female, Entamoeba, Plasmodium, Ringworm , Opuntia, Zizyphus, Camel, Salamander, Eichhornia, Lotus, Rohu and Frog.</p> <p>NOTE:Diagram should be drawn and labelled only by pencil.</p>
7	Accountancy	<p>Prepare Accountancy Project File with Two comprehensive problems of financial statements, Four Specific Problems of Accounting Ratios and four specific problems of cash flow statements.</p>
8	Business Studies	<p>According to guidelines specified by CBSE as explained in the class, prepare a Project on selecting any one topic from the following:</p> <p>(1). Principles of Management-Scientific Principles of Management by F. W. Taylor and General Principles of Management by Henry Fayol, their applications and effects on Industries.</p>

		<p style="text-align: center;">or</p> <p>Elements of Business Environment -Effects of changing Business Environment, changes in demand of product by customer, changes in transportation of fruits and vegetables such as cardboard crates being used in place of wooden crates. Reasons for such changes, Plastic Chair (doors and stools) gaining preference over wooden furniture.</p> <p style="text-align: center;">or</p> <p>Stock Exchange-Develop a brief report on history of Stock Exchanges in India, prepare a list of at least 25 companies listed on a Stock Exchange, to make an imaginary portfolio totalling a sum of Rs 50,000 equally in any of the 5 companies of their choice listed above over a period of twenty working days.</p> <p style="text-align: center;">or</p> <p>Marketing Management- Select any product and five competitive companies producing the same product and find the importance of the concept of marketing mix i.e. Product, Price, Place, Promotion. 1. The project file must contain Questionnaire about ten employees of the organization or 10 customers of the product.</p>
9	Economics	<p style="text-align: center;">Macro Economics</p> <p>Answer the following Questions:-</p> <p>Q.1 Distinguish between domestic income and national income by giving suitable examples in support of your answer.</p> <p>Q.2 Write a short note on monetary report of RBI (In context of XII class syllabus)</p> <p>Q.3 Write a short note on fiscal policy of Indian government (In context of XII class syllabus)</p> <p>Q.4 Describe any five functions of RBI.</p>
10	Informatics Practices	Write 15 programs of JAVA (10 GUI and 05 CUI) and 10 SQL Queries in the LAB Assignment file to be prepared for Board Practical Exams of 2020.
11	Physical Education	<p>1. Prepare record file for the following experiments:</p> <p>a. Draw a labelled diagram of field/court of the game of your choice.</p> <p>b. Write about the history, terminology, skills and any two eminent personalities of the game of your choice.</p>