

**SUDITI GLOBAL ACADEMY, MAINPURI**  
**SUMMER ASSIGNMENT (2019-20)**  
**CLASS-I**

1.	Mathematics	<ol style="list-style-type: none"><li>1. Make the model of abacus using thermocol balls and broom sticks.</li><li>2. Show the time on any cartoon character by making a watch with the help of thermocol.</li></ol>
2.	Computer	<ol style="list-style-type: none"><li>1. Collect pictures of five parts of computer and paste them in a scrap book.</li><li>2. Write the name of five places where we use computer, in a scrap book.</li></ol>
3.	EVS+GK	<ol style="list-style-type: none"><li>1. Paste the pictures of your family members and write their names in alphabetical order.</li><li>2. Write five seasonal fruits names and paste their pictures.</li></ol>
4.	English	<ol style="list-style-type: none"><li>1. Write five things made by carpenter and paste their pictures in a file.</li><li>2. Write five dessert's name which are used in summer season and paste their pictures in a file.</li></ol>
5.	Hindi	<ol style="list-style-type: none"><li>1. कोई पेड़ बनाकर उसमें लगी हुयी पत्तियों में व्यंजन और झड़ती हुई पत्तियों में स्वर दशायें।</li><li>2. शब्दों की अंताक्षरी बनायें: उदाहरण रथ—थरमस—सात—तरबूज।</li></ol>
6.	ART	<ol style="list-style-type: none"><li>1. Make cotton flowers and paste them on a scrap book, decorate it also.</li></ol>

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**CLASS-II**

1.	Mathematics	<ol style="list-style-type: none"><li>1. Make a house with the help of different geometrical shapes by using different colored paper.</li><li>2. Show the odd number by summer season's fruit and even number by winter seasons fruits in scrap notebook.</li></ol>
2.	Computer	<ol style="list-style-type: none"><li>3. Draw or Paste the picture of a computer and write 5 sentences about it in a scrap book.</li><li>4. Write full form of CPU, ALU, CD, DVD and IC on the chart paper. Draw the mouse and color it.</li></ol>
3.	EVS	<ol style="list-style-type: none"><li>3. Paste two leaves each of creepers, climbers, herbs and shrubs. Also write the names of plants.</li><li>4. Paste the pictures of any five famous monuments and write two sentences on each in project file.</li></ol>
4.	English	<ol style="list-style-type: none"><li>1. Paste the picture of any 10 naming words and write one sentence on each.</li><li>2. Write 20 new words along with their meanings from your English book.</li></ol>
5.	Hindi	<ol style="list-style-type: none"><li>3. एक आम का पेड़ बनाकर उसकी पत्तियों पर व्यंजन और फल पर स्वर लिखिए।</li><li>4. अपने आस-पास पाए जाने वाले पाँच सहायकों के नाम लिखिए और उनकी फोटो चिपकाएँ।</li></ol>
6.	G.K.	<ol style="list-style-type: none"><li>1. Paste pictures of ten birds and write two lines for each bird.</li><li>2. Collect different kinds of leaves &amp; paste them in project file and write their names.</li></ol>
7.	ART	<ol style="list-style-type: none"><li>2. Make your favorite cartoon character with the help of velvet paper and thermocol sheet.</li></ol>

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**CLASS-III**

1.	Mathematics	5. Write 1 to 10 Roman numbers on thermocol sheet with the help of colorful match sticks. 6. Shade the given fractions on a thermocol sheet $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}, \frac{2}{3}$
2.	Computer	1. Paste the picture of 1 <sup>st</sup> to 5 <sup>th</sup> generation of computer and write their names. 2. Write any 15 shortcut keys in a scrap book.
3.	English	3. Celebrate father's day on 16 June, paste the picture of your father and write five sentences about him in a scrap book. 4. Prepare fruits raita with the help of your mother and write its recipe in a scrap book.
4.	EVS	1. Using dry leaves make the pictures of different animal in your scrap note book. (Page No. 14 in your EVS book) 2. Make a cock using a drawing sheet and paste it in scrap note book. (Page no. 56 in your EVS book)
5.	Hindi	1. मात्राओं की शब्दावली बनाएं। (कलरफुल चार्ट पेपर पर) 2. स्क्रेप बुक का प्रयोग करते हुए अपना एक फोटो फ्रेम बनाएं।
6.	G.K.	3. Paste the picture of India's map in a scrap book and write 10 sentences about India. 4. Paste the pictures of snowy animals and write their names in a scrap book.
7.	Art	3. Make a wall hanging with the help of CD.
8.	Sanskrit	1. पांच पक्षियों व पांच फलों के चित्र बनाकर उनके नाम संस्कृत में लिखें। 2. संस्कृत में 10 स्वरान्त तथा 10 व्यंजनान्त शब्द लिखें।

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**CLASS-IV**

1.	Mathematics	<ol style="list-style-type: none"><li>1. Write the name, number of faces, edges and vertices for each of the following shapes page no. 191 in the Maths text book.</li><li>2. Write your birth date and month of birth in roman number.</li><li>3. Add the total ages of members of your family.</li></ol>
2.	Computer	<ol style="list-style-type: none"><li>1. Draw and paste input &amp; output devices on the chart paper and write two sentences about each.</li><li>2. Draw the picture of window7 and write five sentences about it in a scrap book.</li></ol>
3.	EVS	<ol style="list-style-type: none"><li>1. Make a first aid box with the help of your parents.</li><li>2. Paste 10 different types of flowers in a scrap book and write their names also.</li><li>3. Write five sentences about the traditions and customs of Punjab and Jammu &amp; Kashmir.</li></ol>
4.	Hindi	<ol style="list-style-type: none"><li>1. चार्ट को चेस का रूप देकर ई मात्रा वाले शब्द लिखें।</li><li>2. एक कार्ड बनाकर माँ का चित्र चिपकाएँ एवं उनकी महत्ता के बारे में 10 वाक्य लिखें।</li></ol>
5.	G.K.	<ol style="list-style-type: none"><li>5. Collect some spices and paste them in a scrap book and write the benefits of spices.</li><li>6. Paste the pictures of any five Noble awardees personalities and write their names.</li></ol>
6.	Art	<ol style="list-style-type: none"><li>4. Make a flower pot with the help of sticks and stocking flowers.</li></ol>
7.	Sanskrit	<ol style="list-style-type: none"><li>1. पांच पक्षियों तथा पांच जानवरों के नाम संस्कृत में लिखकर उनके चित्र बनाएँ।</li><li>2. अपनी अभ्यास पुस्तिका में से कोई एक श्लोक लिखकर उसका अर्थ लिखें।</li></ol>
8.	ENGLISH	<ol style="list-style-type: none"><li>1. Celebrate father's day. Paste the picture of your father and write 10 sentences about him in a scrap book.</li><li>2. Visit a nearby village and write 10 sentences about the lifestyle of villagers.</li></ol>

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**CLASS-V**

1.	Mathematics	1. Make a tree with the help of wood sticks (stem), iron wires (branches), green paper for leaves, showing prime numbers written on the fallen leaves on ground and composite numbers as leaves fixed on the branches and only leaf of number 1 in the air (falling from tree).
2.	Computer	7. Write down the uses of Internet in a file. 8. Write "Shortcut Keys" used in MS Office on chart sheet. 9. Make any funny figure by using waste CDs.
3.	English	5. Make a chart of 'Parts of Speech'. 6. Write kinds of Noun and its definition. 7. Draw a picture of any favorite leader and write something about him/her. <b>Do activity 1,3 in project file.</b>
4.	Hindi	5. चिट्ठी भेजने के लिए आमतौर पर पोस्टकार्ड, लिफाफा व अंतर्देशीय पत्र का इस्तेमाल किया जाता है। इनको प्रोजेक्ट फाइल में चिपकाएं और इनके मूल्य भी लिखिए। एक पत्र अपने सगे संबंधी को लिख कर पोस्ट भी करें व फोटोस्टेट करवाकर एक कापी प्रोजेक्ट फाइल में चिपकाएँ। 6. गर्मियों के दिनों में आम फलों का राजा माना जाता है। आप सभी लोगों को आम अत्याधिक पसंद भी होता है। आम का चित्र बनाते हुए कुछ अपनी पसंद की चीजों के नाम लिखिए जो आम के द्वारा तैयार की जाती हैं। (प्रोजेक्ट फाइल में) 7. अपनी नोटबुक में कम से कम 5 पेज हिन्दी में सुलेख लिखें।
5.	G.K.	7. Find out the names of IPL 2019 teams and also write their captain. 8. Who was the highest scorer batsman in the IPL 2019.
6.	Art	Draw a cartoon or Parrot (as your choice) on a full chart paper and decorate with colours and sparkles.
7.	Sanskrit	3 <sup>er</sup> अपनी पसन्द के पशु-पक्षियों के चित्र प्रोजेक्ट फाइल में चिपकाकर उनके नाम संस्कृत में लिखो। 4 <sup>er</sup> मानव शरीर का चित्र बनाकर अंगों के नाम संस्कृत में लिखो। (चार्ट पेपर पर)।
8.	EVS	1. Take an interview of any one person, who lives around your house, like- servant, gardener, milkman, news-agent, postman, cook, laborer, watchman etc and write it in your project file. 2. Take a small pot and sow some seeds, which you want to grow. Also write down the different stages of germination in your project file.
9.	M Sc	1. In your summer vacations, listen only story based on the "Honesty" from your elders, and write about the story with its message.

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**CLASS-VI**

1.	Mathematics	<p>1. Write down mobile numbers of your family members and rewrite these numbers in National and International place value system in a project file.</p> <p>2. Make a chart of all divisibility tests. (Up to 2-11)</p> <p>3. Write down the story of "Super Thirty" movie in a project file.</p> <p>4. Write the age of each of your family members in roman numerals.</p> <p><b>Do Activity 1,3,4 in Project File.</b></p>
2.	Computer	<p>1. Read the news papers and collect all the news related to some latest models of computers &amp; mobiles and paste them on a chart.</p> <p>2. Make a chart on the topic "Feature of Windows-7"</p>
3.	Science	<p>5. Watch a movie "Jurassic Park" and note down the points: "How did the Dinosaurs regenerated". Write the story in brief in your project file.</p> <p>6. Collect different types of fabrics and fibres. Paste them on a chart and also mention its sources and uses in short.</p>
4.	English	<p>8. Write 10 pages of cursive writing.</p> <p>9. Have a conversation with your grandparents or parents and make concise about it up to 100 words.</p> <p>10. Collect information about your dream profession; Write about it and paste pictures, collect articles about it in a file.</p> <p><b>All work should be done in a file.</b></p>
5.	Hindi	<p>8. गौरैया को अत्याधिक गर्मी से सुरक्षित करने हेतु उसके लिए एक सुंदर सा घोंसला बनाएँ तथा उसे कृत्रिम चिड़िया और कुछ अंडों से सजाएँ।</p> <p>9. फीचर फिल्म "केसरी" को देखें तथा इस फिल्म से मिलने वाले संदेश को संक्षिप्त में अपनी प्रोजेक्ट फाइल में लिखिए।</p> <p>10. अपनी नोटबुक में कम से कम 5 पेज हिन्दी में सुलेख लिखिए।</p>
6.	G.K.	<p>9. How many teams are there in IPL and write the names of the owners of teams.</p> <p>10. Write the names and paste the pictures of 10 Cabinet Ministers of UP Government in your file.</p>
7.	Art	<p>5. Make a fish from waste paper plate and decorate it with waste material using lace, stone, sparkles etc.</p> <p>6. Make a flower pot from plastic bottle.</p>
8.	Sanskrit	<p>5<sup>०</sup> अपने परिवार के सम्बन्धियों के फोटो फाइल करके उनसे अपना सम्बन्ध संस्कृत में लिखिए। जैसे दादा जी—पितामहः</p> <p>6<sup>०</sup> ग्रीष्म ऋतु में आपने जिन फलों का सेवन किया उनका चित्र चार्ट पर लगाकर संस्कृत में उनका नाम लिखिए।</p>
9.	S. St.	<p>3. Suppose, you are going to your friend's home and on the way you find one injured puppy. What will you do in that case? Write down your thoughts in your project file.</p> <p>3. Make a diagram of Solar System on Thermocol.</p>



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**CLASS-VII**

1.	Mathematics	<p>2. Prepare a chart for cube of numbers from 1 to 50.</p> <p>3. Draw the bar graph using data from any of ODI from current IPL session-2019.</p> <p>4. Write a short note on the Life and work of "Ramanujan."</p> <p>5. Draw some geometrical shapes on a chart paper.</p>
2.	Computer	<p>5. Draw a diagram of Computer Network.</p> <p>6. Draw a diagram of LAN network and write 5 lines about LAN network.</p> <p>7. Draw a diagram of components of "Windows Movie Maker"</p>
3.	Science	<p>7. Collect different types of seeds and write down seed's crop name and growing season.</p> <p>8. Maintain your diet chart with the help of your ASHA and ANM aunty and prepare different types of dishes/recipes related to the states.</p> <p>9. Make a science working model of your choice. The concept of the model must be based on the real life happenings or techniques.</p>
4.	English	<p>1. Design an English magazine with an attractive cover page. The magazine can comprises of 6 to 10 pages Current affairs, An interview, Recipes, Amazing facts, sports, Articles, motivational story etc.</p> <p>2. Watch motivational videos of Jay Shetty or Simerjeet Singh on youtube and prepare a 5 minute speech in English to represent yourself in class.</p>
5.	Hindi	<p>11. संदीप माहेश्वरी का कोई एक प्रेरक वीडियो देखने के बाद उससे मिलने वाली सीख और अपने विचारों को प्रोजेक्ट फाइल में लिखें।</p> <p>12. भारतीय नदियों पर आधारित एक कोलाज बनाएँ और नदियों से होने वाले फायदों के विषय में प्रोजेक्ट फाइल में लिखें।</p> <p>13. पाँच पेज सुलेख लिखकर प्रोजेक्ट फाइल में लगाए। (सुलेख में सभी वर्णों का प्रयोग होना चाहिए)</p>
6.	G.K.	<p>11. Write 150 words on present president of India.</p> <p>12. Draw the political map of India on a chart paper and show states &amp; its capitals and colour each one state in different colour.</p>
7.	Art	<p>7. Draw &amp; decorate a peacock/butterfly with colour, sparkles stone and feathers etc.</p>
8.	Sanskrit	<p>7<sup>०</sup> रंगों के नाम तथा दैनिक प्रयोग होने वाली वस्तुओं के चित्र चार्ट पर बनाकर संस्कृत में नाम लिखिए।</p> <p>8<sup>०</sup> ग्रीष्म काल में कौन-कौन से फल सेवन योग्य होते हैं? कुछ फलों के नाम चार्ट पेपर पर संस्कृत में लिखिए तथा उनके चित्र भी चिपकाएं।</p>
9.	S. St.	<p>1. Make an attractive model of globe by using the plastic ball and wire.</p> <p>2. Watch the movie "Arakashan". Write about your steps to end evil of discrimination in the society.</p>

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**CLASS-VIII**

1.	Mathematics	<p>6. Watch the movie Ramanujan and write the message in your own words in a file.</p> <p>7. Write all formulae related to surface area on a chart paper with diagram.</p> <p>8. Write properties of Rational Numbers from chapter -1 of your Text book.</p> <p><b>Do All Activities in a Project File.</b></p>
2.	Computer	<p>1. Read the news papers and collect all news related to computer &amp; Mobile and paste them on a chart paper.</p> <p>2. Explain the type of networking and paste the pictures on a chart paper.</p> <p>3. Draw a diagram of components of "Windows Movie Maker"</p>
3.	Science	<p>10. Visit a nearby poultry farm, dairy farm, fish pond and describe your observation in these farms and note down the visit in a file.</p> <p>11. Watch the movie 'The Game of Avengers' . What was the main concept of the movie. Mention some of the technical innovation observed by you. Write down points in your project file.</p> <p>12. Make a science working model of your choice. The concept of the model must be based on the real life happenings or techniques which are helpful to us and our society.</p>
4.	English	<p>11. Write your opinion about the winner team of IPL 2019 and write ten sentences about each player.</p> <p>12. Write an environment blog on how teenagers can make their locality more environment friendly by planting trees, fighting pollution and helping to keep it clean.</p> <p>13. Prepare a chart of tenses with suitable examples of sentences. Paste some photos related to tense.</p>
5.	Hindi	<p><i>परियोजना कार्य को एक फाइल में संकलित करें।</i></p> <p>14. गौर गोपालदास जी का कोई एक प्रेरक वीडियो देखकर उससे मिलने वाली सीख को अपने शब्दों में प्रोजेक्ट फाइल में लिखें।</p> <p>15. उड़ीसा के अक्षरधाम मंदिर का सचित्र ऐतिहासिक वर्णन कीजिए।</p>
6.	G.K.	<p>13. Search all the pictures of previous Chief Ministers of UP (Using Internet), write their working period and paste them on a long chart paper.</p> <p>14. Make a political Globe of the Earth.</p>
7.	Sanskrit	<p>9<sup>०</sup> महाभारत(धारावाहिक) को देखकर अपनी पाठ्य पुस्तक में वर्णित "जरासंध वध" की विस्तृत जानकारी कर प्रमुख बिंदु लिखें।(अपनी संस्कृत कापी में लिखें।)</p> <p>10<sup>०</sup> रामायण कथा के आधार पर रामजन्म की कथा संक्षेप में लिखें।प्रभु श्रीराम दरबार का फोटो संस्कृत कापी में चिपकाएं।</p> <p>11<sup>०</sup> नीतिपरक मूल्यों को समझते हुए 'नीतिवाक्य' सज्जापूर्वक चार्ट पर लिखें।</p> <p>12<sup>०</sup> श्री रामचरितमानस जीवन जीने की कला सिखाती है। अतः प्रतिदिन सुविधानुसार श्री रामचरितमानस पाठ घर में सबको सुनाएं एवं सामूहिक कथा श्रवण का फोटो संस्कृत कापी में चिपकाएं।</p>
8.	S. St.	<p>3. Make a poster to show conservation of Energy and water resources.</p> <p>4. Watch the movie "Manikarnika" in your holiday and know about the British policy "Doctrine of Lapse"</p>
9.		<p>1. Prepare a collage painting/Glass painting, draw &amp; decorate with colour paper and colours.</p>

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**CLASS-IX**

1.	Mathematics	<ol style="list-style-type: none"> <li>1. Watch the movie "The Man Who Knew Infinity", on great mathematician S. Ramanujan. Try to find more information on the work of Ramanujan from internet and prepare a brief report in your project file.</li> <li>2. Make colored Tangram on chart and practice making geometric figure like parallelogram, rectangle, triangle etc with help of Tangram pieces.</li> <li>3. Prepare a project file on "History of Coordinate Geometry". You can take help of following websites:                      (i) <a href="http://www-groups.dcs.st-and.ac.uk/~history/Printonly/Descartes.html">http://www-groups.dcs.st-and.ac.uk/~history/Printonly/Descartes.html</a>                      (ii) <a href="http://mathandmultimedia.com/2011/11/16/coordinate-geometry/">http://mathandmultimedia.com/2011/11/16/coordinate-geometry/</a></li> </ol>
2.	Social Science	<ol style="list-style-type: none"> <li>1. Map skills: a) India- Political States with capital) b) India's Neighbors</li> <li>2. Getting acquainted with Disaster Management</li> <li>3. Specific hazards &amp; Mitigation (Any two disasters)                      a) Structural mitigation strategies                      b) Non-structural mitigation</li> </ol>
3.	English	<ol style="list-style-type: none"> <li>14. Find 10 difficult words and also use them in sentences of yours.</li> <li>15. Read English Newspaper, Magazines, fictions and write new words and use them in sentences in your notebook.</li> <li>16. Collect information from various sources about some successful personalities you like most. Write down with their pictures in the project file.</li> <li>17. The students are advised to watch the movie Airlift and write the moral of the movie.</li> </ol>
4.	Hindi	<ol style="list-style-type: none"> <li>16. आप प्रतिदिन टीवी0 पर ढेरों विज्ञापन देखते-सुनते हैं और इनमें से कुछ आपकी ज़बान पर चढ़ जाते हैं। आप अपनी मनपसंद की वस्तुओं पर विज्ञापन तैयार करें। (चार्ट पर विज्ञापन तैयार करें।) तथा साथ में स्लोगल भी लिखें।</li> <li>17. धारावाहिक फिल्म शहीद भगत सिंह (23 मार्च 1931) को देखते हुए स्वतंत्रता प्राप्ति के लिए उनके द्वारा किए गये संघर्षों पर अपने पठित पाठों के आधार पर एक 250 शब्दों का लेख तैयार करें।</li> </ol>
5.	Chemistry	<ol style="list-style-type: none"> <li>1. Do Boiling, Melting, Condensation &amp; sublimation practical at your home. Submit a brief report.</li> <li>2. Perform activity of latent heat of vaporization and latent heat of fusion. Summarize your experience and prepare a brief report.</li> </ol>
6.	Biology	<ol style="list-style-type: none"> <li>1. Prepare a working model based on Biological topic of your choice.</li> <li>2. Visit near field &amp; write the name of some plants.</li> </ol>
7.	Physics	<ol style="list-style-type: none"> <li>1. Watch one of the following scientific movies: a) Intersteller b) Parmanu c) Ant Man 1 &amp; 2                      On the basis of movie story, answer the following facts:                      a. Problem generated in the movie (60-80 words)                      b. Which concept of physics used to solve the problem in the movie (30-40 words)</li> <li>2. Read some scientific magazine like Nature, Tell me Why, Vigyan Pragati etc. and write a short note in assignment file.</li> <li>3. Make a list of top ten scientists in your own view. Also write their major achievements.</li> </ol>
8.	IT	<ol style="list-style-type: none"> <li>1. Paste pictures of any five entrepreneurs on a chart paper and write five lines about each.</li> <li>2. Make poster on the six ideals of green economy.</li> <li>3. Paste picture of different types of business on chart paper.</li> <li>4. Types of communication methods with the help of pictures as example of each.</li> </ol>

**SCHOOL STOPS FOR SUMMER.....BUT LEARNING NEVER STOPS!!**



**SUDITI GLOBAL ACADEMY, MAINPURI**  
**SUMMER ASSIGNMENT (2019-20)**  
**CLASS-X**

1.	Mathematics	<p><b>Prepare an assignment file for the following:</b></p> <ol style="list-style-type: none"> <li>1. Collect information from various sources and write the biography of the mathematician Sridharacharya.</li> <li>2. Prove the following algebraic formula geometrically (You can take help from Lab manual):            (i) <math>(a + b)^2 = a^2 + b^2 + 2ab</math> (ii) (i) <math>(a - b)^2 = a^2 + b^2 - 2ab</math></li> <li>3. (iii) <math>a^2 - b^2 = (a + b)(a - b)</math> (iv) Area of circle = <math>\pi r^2</math></li> <li>4. Do optional exercises (2.4 &amp; 3.7) of NCERT book in file pages.</li> <li>5. Collect at least five puzzles/Suduko and solve them in your assignment file.</li> </ol>
2.	IT	<ol style="list-style-type: none"> <li>1. Read English Newspaper daily.</li> <li>2. Watch English News channel daily and summarize the news in your own words in your notebook.</li> <li>3. To improve your vocabulary, learn 5 new words each day and use them in your own sentences.</li> </ol>
3.	Social Science	<ol style="list-style-type: none"> <li>1) Prepare a chart of Ministry of Indian Government after 17<sup>th</sup> Loksabha.</li> <li>2) Visit any tourist place and write down about your experience.</li> <li>3) Watch movie 'PK" and O My God!" and correlate with superstitions found in the world.</li> </ol>
4.	English	<ol style="list-style-type: none"> <li>1. Watch videos of the following speakers and prepare a presentation for the class in July (on your favorite topic)           <ol style="list-style-type: none"> <li>a) Jay Shetty</li> <li>b) Gaur Gopal Das</li> <li>c) Simerjeet Singh</li> <li>d) Pushkar Raj Thakur (for Personality Development)</li> <li>e) Sandeep Maheshwari</li> </ol> </li> </ol>
5.	Hindi	<ol style="list-style-type: none"> <li>18. आप गर्मी की चिलचिलाती धूप में कभी सफर करें तो दूर सड़क पर आपको पानी जैसा दिखाई देगा पर पास पहुंचने पर वहाँ कुछ नहीं होता। अपने जीवन में कभी-कभी हम सोचते कुछ हैं और दिखता कुछ है, लेकिन वास्तविकता कुछ और ही होती है। आपके जीवन में घटे ऐसे किसी अनुभव को अपने प्रिय मित्र को पत्र लिखकर अभिव्यक्त करें।</li> <li>19. आप प्रतिदिन टी0वी0 पर ढेरों विज्ञापन देखते-सुनते हैं और इनमें से कुछ आपकी ज़बान पर चढ़ जाते हैं। आप अपनी पसंद की किसी एक वस्तु पर विज्ञापन तैयार करें। (आधे चार्ट पर विज्ञापन तैयार करें।)</li> </ol>
6.	Chemistry	<ol style="list-style-type: none"> <li>1. Observe how your mother and grandmother prepare pickles at home. Write its recipes and write roles of the chemicals used in the process with their use.</li> <li>2. Complete the activities from chapter 1 and 2 given in your Text book .</li> </ol>
7.	Biology	<ol style="list-style-type: none"> <li>1. Visit a nearby hospital &amp; measure BP of some patients.</li> <li>2. Visit a nearby pond &amp; find out how the fishes &amp; frogs adopted in aquatic life.</li> <li>3. Complete a project file on water conservation.</li> <li>4. Practice the important diagram on plain paper.</li> <li>5. To watch a movie based on science and write down what did you learn from by this movie.</li> </ol>
8.	Physics	<ol style="list-style-type: none"> <li>4. Watch one of the following scientific movies: a. Machine b. The Core            On the basis of movie story, answer the following facts:           <ol style="list-style-type: none"> <li>c. Problem generated in the movie (60-80 words)</li> <li>d. Which concept of physics used to solve the problem in the movie (30-40 words)</li> </ol> </li> <li>5. Make a thermocol cutting ray diagram.            For Girls: any one case of Concave Mirror For Boys: any one case of Convex mirror</li> <li>6. Explain any mirror activity on a worksheet.</li> </ol>

**SUDITI GLOBAL ACADEMY, MAINPURI**  
**SUMMER ASSIGNMENT (2019-20)**  
**CLASS-XI**

<b>1.</b>	<b>Mathematics</b>	<ol style="list-style-type: none"> <li>Any 50 questions on operations of sets and their identities.</li> <li>Write a short note on probability related to real life.</li> <li>Watch the movie "The man who knew Infinity". Prepare a report on works done by Ramanujam on number system.</li> <li>Solve all Examples of Chapter-1 &amp; 2.</li> </ol>
<b>2.</b>	<b>I. P.</b>	<ol style="list-style-type: none"> <li>Why did you opt Informatics Practices as a subject in class XI. Find out the various future scopes and how it can be helpful in your career.</li> <li>Create two tables in a database using a database tool to store information about an actor. The first table should contain personal information about the actor and the second table should contain information about his movies.</li> <li>Watch movie "Robot 2.0"</li> </ol>
<b>3.</b>	<b>C. S.</b>	<ol style="list-style-type: none"> <li>Prepare a detail PPT: How to install Mysql 8.0 on computer with pre requirements.</li> <li>Watch movie "Age of Ultron" and write its story in brief.</li> </ol>
<b>4.</b>	<b>English</b>	<ol style="list-style-type: none"> <li>Listen 10 motivational videos of motivational speakers like, Sadhguru, Gopal Das, Abdul Kalam etc.</li> <li>Watch movies 2.0 Endgame and also write the moral you have gained.</li> <li>Write at least 5 articles on the topics like politics, economy and our army.</li> </ol>
<b>5.</b>	<b>Hindi</b>	<ol style="list-style-type: none"> <li>पाँच पुरातन एवं आधुनिक हास्य कवियों का परिचय उनकी कृतियों सहित सचित्र फाइल कीजिए।</li> <li>आपको कौन-कौन से न्यूज चैनल अच्छे लगते हैं, उन्हें देखिए एवं समाज में मीडिया के महत्व को अपने शब्दों में लिखिए।</li> <li>द सर्जिकल स्ट्राइक फिल्म देखकर स्पष्ट करें कि हमारे अमन चैन में सेना का विशेष महत्व है।</li> <li>'उफ ये गर्मी' के सन्दर्भ में स्वरचित कविता लिखिए।</li> <li>किसी एक समाचार पत्र के 15 दिनों के सम्पादकीय पढ़ें एवं फाइल में लगाइए।</li> <li>हिन्दी साहित्य के प्रसिद्ध कवि "सूर्यकान्त त्रिपाठी निराला" का कृतित्व एवं व्यक्तित्व परिचय संक्षिप्त रूप से सचित्र चार्ट पर बनाएँ।</li> </ol>
<b>6.</b>	<b>Physics</b>	<ol style="list-style-type: none"> <li>How can we find the distance of moon? OR Any planet by Parallax Method?</li> <li>Describe method for determining the distance of an interior planet?</li> <li>Make a Seismograph science Project (Seismograph model)</li> <li>Write sixty dimensional formulas?</li> <li>Watch the movie "The core" &amp; Write the film summary. Who is director &amp; cast play in it?</li> <li>Equation of motion by calculus method?</li> <li>NCERT Exercises-2, 3. Solve on file pages. (Neat &amp; Clean Diagram.)</li> </ol>
<b>7.</b>	<b>Biology</b>	<ol style="list-style-type: none"> <li>1-Prepare a herbarium file minimum 10 plants specimen [with classification].</li> <li>2- Watch the movie "PAA" or "I-Virus" &amp; also write their characters. What did you learn by this movie?</li> <li>3- Prepare the important diagram on A-4 size sheet and collect in a file.</li> </ol>
<b>8.</b>	<b>Chemistry</b>	<ol style="list-style-type: none"> <li>Prepare notebook.</li> <li>Complete all questions from Chapter 1 to 3 as well as intext question.</li> <li>Solve the questions from annual exam paper.</li> </ol>
<b>9.</b>	<b>B. St.</b>	<ol style="list-style-type: none"> <li>Visit a factory, shop, supermarket or mall and find information on about- <ol style="list-style-type: none"> <li>Ownership</li> <li>Capital</li> <li>Pricing policy</li> <li>Profit Margin</li> <li>Promotional activities</li> </ol> </li> </ol> <p>Prepare a detail project report.</p>
<b>10</b>	<b>Painting</b>	<ol style="list-style-type: none"> <li>Make a doll/lamp with the help of waste material (like ice-cream stick etc.)</li> <li>File work (i) Gandhiji (ii) Any two flowers (iii) Landscape (coloured) (iv) Still life-1 Any Alekhan design in any shape</li> </ol>

11	ESP	<p>1 – List 10 people from whom you buy any product or service, for example – newspaper vender, milk vender, etc. who do you think is an entrepreneur, if not, why?</p> <p>2 – Contact an employer in your locality or family who has setup their own business and interview the proprietors and prepare the report.</p> <p>3 – “Cherry shoe polish originally started with wax tin, and then they came up with an idea of liquid shoe polish, and then a shoe with sponge and finally a shoe shiner with a brush”.</p> <p>List 5 similar examples which have their place for innovation in the market.</p>
12	Phy. Edu.	<p>1. Write the note on physical education and its importance.</p> <p>2. Write a note on, one of the games as (Olympic, commonwealth games, Asian games, Cricket world cup, Football FIFA cup etc.)</p> <p>3. Watch a sport related movie such as 'Chak De India', 'Lagaan' etc and write the summary &amp; important things to learn on that movie.</p> <p>4. Write the summary of IPL 2019.</p> <p>5. Write a biography of your favourite sports man.</p>
13	Accountancy	<p>1. Revise Chapter 1 and 2 of NCERT and prepare a chart on Asset division.</p> <p>2. Record your day to day transaction like marketing of cloths and other things.</p>
14	Economics	<p>1. Solve 10 examples of Mean.</p> <p>2. Individual method 10 examples.</p> <p>3. Discrete series 10 examples</p> <p>4. Continuous series 10 examples.</p>
15	Banking	<p>1. Prepare a project file on Indian Banking System and find out the history of RBI.</p> <p>2. Prepare a report on all merger of SBI with other bank.</p> <p>3. Prepare a chart on the structure of banking system by using real names of bank like nationalized and non nationalized bank.</p>
16	Legal Studies	<p>1. Study the case "Keshvanand Bharti Vs Kerala" and prepare notes.</p> <p>2. What are fundamental duties? Define and write it with case law.</p> <p>3. What are writs and fundamental rights?</p> <p>4. Study the election process of president. Also write their powers.</p> <p>5. What is juvenile justice act? Write it with case laws.</p>
17	Political Science	<p>1. Prepare a analysis of 17<sup>th</sup> Loksabha Election in India.</p> <p>2. Visit a tourist place and analyze it politically, geographically, historically and economically.</p> <p>3. Read chapter 1 of constitution of India.</p>
18	History	<p>1. Watch the movie "Padmavat". Observe the condition of women in mediaeval age of history and compare it with condition of women in modern period of our society. Prepare a report on differences you found, in at least 250 words.</p> <p>2. Write down any Historical monument's social and economical importance, which you like the most.</p> <p>3. Watch some inspirational movies: a. The Great Debator b. The Shashaunk Redemption c. I am Kalam</p>
19	Sociology	<p>1. Watch the movie "Dangal" and observe the social issue women unemployment. How this film viewing can change the mentality of stereotypical people.</p> <p>2. Observe some salient features of main religion of the world and prove that those are helpful for balanced development of society.</p>

**SUDITI GLOBAL ACADEMY, MAINPURI**  
**SUMMER ASSIGNMENT (2019-20)**  
**CLASS-XII**

<b>1.</b>	<b>Maths</b>	<ol style="list-style-type: none"> <li>Solve the questions of NCERT Exemplar Problem and examples of NCERT textbook, from the chapters given below: Matrix, Determinant, Continuity with all NCERT Examples.</li> <li>Prepare your notebook.</li> </ol>
<b>2.</b>	<b>I. P.</b>	<ol style="list-style-type: none"> <li>Write about scope of Python Programming Language.</li> <li>Find the IP address of your school's web site.</li> <li>Revise all MySQL commands &amp; built in functions.</li> <li>Study different modules of python and their functions.</li> <li>Prepare a report about popular web development framework Django. Visit some websites which are built using Django.</li> </ol>
<b>3.</b>	<b>C. S.</b>	<ol style="list-style-type: none"> <li>Write short note on Algorithmic Efficiency.</li> <li>Create a webpage using Django framework &amp; run it.</li> <li>Write a python program to connect the MySQL database using mysql. connector and fetch all records &amp; copy in a list or tuple.</li> <li>Write short note on Pyplot python library and explain its function and methods which are used to plot a chart.</li> <li>Write short note on error checking with examples.</li> </ol>
<b>4.</b>	<b>English</b>	<ol style="list-style-type: none"> <li>Watch videos of following speakers and prepare presentation for class in July (on your favorite topic) <ol style="list-style-type: none"> <li>Jay Shetty</li> <li>Gaur Gopal Das</li> <li>Simerjeet Singh</li> <li>Pushkar Raj Thakur</li> <li>Sandeep Maheshwari</li> <li>Sonu Sharma/Ranveer Allahabadia</li> <li>Abhay Viral (Prateek)</li> </ol> </li> </ol>
<b>5.</b>	<b>Hindi</b>	<ol style="list-style-type: none"> <li>'मेरा नाम जोकर' हिन्दी फीचर फिल्म देखें एवं बताइए कि चार्ली का भारतीयकरण क्या है।</li> <li>बाजार में हर जगह चकाचौंध एवं आकर्षण है। विज्ञापन हमें हर तरह से आकर्षित करते हैं। कुछ दैनिक वस्तुओं के विज्ञापन फाइल फोटो कीजिए।</li> <li>हिन्दी साहित्य के प्रमुख कवियों का संक्षिप्त जीवन परिचय सज्जापूर्वक चित्र सहित चार्ट पर बनायें तथा प्रेरणा दायक महापुरुषों के सदवाक्य भी सुसज्जित रूप से लिखें।</li> <li>सुगमतापूर्वक प्राप्त होने वाले दैनिक समाचार पत्रों के 15 दिन के सम्पादकीय फाइल फोटो कीजिए।</li> <li>द सर्जिकल स्ट्राइक फिल्म देखें एवं देश सुरक्षा में भारतीय सैनिकों की भूमिका पर एक अनुच्छेद फीचर, आलेख लिखें।</li> </ol>
<b>6.</b>	<b>Physics</b>	<ol style="list-style-type: none"> <li>Practical Work</li> <li>Watch movie "The Core" and explain the scientific concept used in the movie within 100 words.</li> <li>Solve the NCERT problems of Chapter- 1 &amp; 2.</li> <li>Collect CBSE previous five year questions papers.</li> </ol>
<b>7.</b>	<b>Biology</b>	<ol style="list-style-type: none"> <li>You will go to theatre and watch the movie Chennai V/s China' and find out the main moral of the movie. Also discuss with your friends about the following questions:- <ol style="list-style-type: none"> <li>What is the name of virus prepared by China which attacked to Indians?</li> <li>Write the name of actor and actress.</li> <li>How Chinese kills Indians other than virus particles.</li> </ol> </li> <li>Draw the diagrams which are important for board exam, which are already discussed in class</li> <li>Learn and write the ten years questions which are asked in board exams from chapter one to five.</li> </ol>
<b>8.</b>	<b>Chem.</b>	<ol style="list-style-type: none"> <li>Chapter-1 &amp; 2 from NCERT: All exercise, Intext and examples questions in classwork note book.</li> </ol>
<b>9.</b>	<b>Accountancy</b>	<ol style="list-style-type: none"> <li>Prepare a pocket file for the project work from the following information: Visit in Mall/any other company and find out the all the Transaction event of that organisation. Journalise, and prepare various books of accounts. From that transaction, also prepare a report about, how they manage and prepare their stock, order and supply books and other necessary books.</li> <li>Solve Accounting for Partnership: Basic Concepts from NCERT 1st book.</li> <li>Prepare a chart on head &amp; sub head of Balance sheet from book 3 of accountancy.</li> </ol>
<b>10</b>	<b>Phy. Edu.</b>	<ol style="list-style-type: none"> <li>Explain the meaning of Physical Fitness</li> <li>Define strength. What its types? How can strength be evaluated?</li> <li>Mention the importance of aerobic and anaerobic activities.</li> <li>Give the importance of play.</li> </ol> <p>Write on one of the specific games.</p>
<b>11</b>	<b>Painting</b>	<p>Make a project file:</p> <ol style="list-style-type: none"> <li>Landscapes- 2 (Coloured)</li> <li>Flowers- 3 (Coloured)</li> <li>Composition – 2 (Shading) (Sorts, Festivals &amp; Punghat)</li> </ol>

12	B. St.	<ol style="list-style-type: none"> <li>1. Visit any apartment or Industry &amp; state how many principle of business is followed in &amp; violated. Prepare a report. Also state the advantages which that industry get by such following principle and hindrances that get because of violated principle.</li> <li>2. Visit an organization and prepare a report that how planning process works their and also mention in your report if any planning process is being violated or neglected.</li> </ol>
13	ESP	<ol style="list-style-type: none"> <li>1. Prepare a report on five Entrepreneur, how they become successful.</li> <li>2. Prepare any one investigatory project of market survey and business plan by taking one product.</li> <li>3. Solve all questions from chapter no. 1 of NCERT Entrepreneurship books.</li> </ol>
14	Legal Studies	<p>Prepare a file</p> <ol style="list-style-type: none"> <li>1. Collect the trade marks of 15 companies.</li> <li>2. Prepare own notes on patents rules in India. How can a person get his invention patent?</li> <li>3. What is piracy and how is it different from copyrights?</li> <li>4. Find and prepare latest case study on piracy.</li> <li>5. What do you meant by negligence? What are the law regarding the negligence?</li> <li>6. What is strict liability and absolute liability? Justify your answer with appropriate example.</li> <li>7. Prepare a case study on Bhopal gas leak disaster and find out how the absolute liabilities arise in that case.</li> </ol>
15	Economics	<ol style="list-style-type: none"> <li>1. Identify any one economic problem in the current scenario in Indian economy and develop a project touching following parameters: (i) Meaning of Problem (ii) Extent/Magnitude of problem (iii) Main cause of problem (iv) Suggested remedies to solve the problem</li> <li>2. Draw any chart on any related to the macroeconomics.</li> </ol>
16	Banking	<ol style="list-style-type: none"> <li>1. Prepare a file on the history of Banking system in India from History to current condition.</li> <li>2. Prepare a report on Mergers of SBI and how the SBI becomes the biggest Bank of India.</li> <li>3. Prepare a report on how Indian banking converted in computerized banking and what were the obstacles during the transition period.</li> <li>4. Collect IFSC codes of all the bank branches of your city.</li> </ol>
17	History	<ol style="list-style-type: none"> <li>1. Watch the film Mohanjodaro and write down main features of Indus Valley Civilization.</li> <li>2. During summer break if you came across any historical place, observe and write down architectural features of monuments which are present there.</li> </ol>
18	Pol. Science	<ol style="list-style-type: none"> <li>1. Exercise: The cold war era, The end of Bi-polarity, Analysis of the tourist region which you want to visit Geographically, economically and historically.</li> <li>2. Analysis of 17<sup>th</sup> Loksabha Election.</li> </ol>
19	Sociology	<ol style="list-style-type: none"> <li>1. Observe the different families as social institution. Write down their structure based on caste, class and religion.</li> <li>2. Watch the movie "Bagwaan" and write down the morals and values which are included in this movie.</li> </ol>

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