

Class	Subject	Homework												
IIA	Maths	<ol style="list-style-type: none"> <li>DRAW OR CUT AND PASTE PICTURES OF               <ol style="list-style-type: none"> <li>Two long and short objects .</li> <li>Two heavy and light objects.</li> </ol> </li> <li>WRITE IN WORDS ( 1 TO 100).</li> <li>WRITE AND LEARN THE MULTIPLICATION TABLE , 2 X1=2 ...TO....10 X1=10.</li> </ol>												
IIA/IIB	English	<ul style="list-style-type: none"> <li>Listen the video in the link and complete the worksheet. <a href="https://www.liveworksheets.com/mp1587341av">https://www.liveworksheets.com/mp1587341av</a></li> <li>Complete the worksheet related to the chapter 'MY FIRST DAY AT SCHOOL'. <a href="https://www.liveworksheets.com/jq1305840sk">https://www.liveworksheets.com/jq1305840sk</a></li> <li>Do the opposite words given the worksheet. <a href="https://www.liveworksheets.com/l1611528jm">https://www.liveworksheets.com/l1611528jm</a></li> <li>Correct the wrong sentences and rewrite them. <a href="https://www.liveworksheets.com/3-xy119362fp">https://www.liveworksheets.com/3-xy119362fp</a></li> <li>Read the chapters 'I WANT' and ' THE WIND AND THE SUN'.</li> <li>Find the action words from the above mentioned chapters.</li> </ul>												
IIA/IIB	Hindi	<table border="1"> <thead> <tr> <th>HOMEWORK</th> <th>DATE OF SUBMISSION</th> </tr> </thead> <tbody> <tr> <td>ई, इ, ए, ऐ, ओ, आ की मात्रा के 5 शब्द लिखो।</td> <td>15 MAY 2021</td> </tr> <tr> <td>पाठ्यपुस्तक से कोई भी 5 कविताएं याद कीजिये और रिकॉर्ड करके भेजे।</td> <td>25 MAY 2021</td> </tr> <tr> <td>कोई भी एक हिंदी पुस्तक लेकर उसे पूरा पढ़े और उसके बारे में कक्षा में बताये।</td> <td>10 JUNE 2021</td> </tr> <tr> <td>एक फूल और तितली का चित्र बनाकर उसमें रंग भरे। तितली पर कविता लिखो।</td> <td>15 JUNE 2021</td> </tr> <tr> <td>बुलबुल के बारे में 5 वाक्य लिखे और उसका चित्र चिपकाए.</td> <td>20 JUNE 2021</td> </tr> </tbody> </table>	HOMEWORK	DATE OF SUBMISSION	ई, इ, ए, ऐ, ओ, आ की मात्रा के 5 शब्द लिखो।	15 MAY 2021	पाठ्यपुस्तक से कोई भी 5 कविताएं याद कीजिये और रिकॉर्ड करके भेजे।	25 MAY 2021	कोई भी एक हिंदी पुस्तक लेकर उसे पूरा पढ़े और उसके बारे में कक्षा में बताये।	10 JUNE 2021	एक फूल और तितली का चित्र बनाकर उसमें रंग भरे। तितली पर कविता लिखो।	15 JUNE 2021	बुलबुल के बारे में 5 वाक्य लिखे और उसका चित्र चिपकाए.	20 JUNE 2021
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IIA	EVS	<p><b>EVS :( Do in your copy)</b></p> <ol style="list-style-type: none"> <li>1. WRITE ANY FIVE LINES ABOUT             <ol style="list-style-type: none"> <li>a. Yourself.</li> <li>b. Your family.</li> </ol> </li> <li>2. DRAW OR CUT AND PASTE PICTURES OF ANY TWO             <ol style="list-style-type: none"> <li>a. Energy giving food.</li> <li>b. Body building food.</li> <li>c. Protective food.</li> </ol> </li> <li>3. DRAW OR CUT AND PASTE PICTURES OF ANY FOUR             <ol style="list-style-type: none"> <li>a. Internal body organs.</li> <li>b. Sources of water.</li> </ol> </li> </ol>																
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IIB	Maths	<ol style="list-style-type: none"> <li>1. Learn the tables 2 to 10.</li> <li>2. Write the names of 5 things that can roll as well as slide.</li> <li>3. Project work – Make Balance machine at home with waste materials like disposal or piece of wood, record a video in which you can demonstrate which object is heavier or lighter.</li> <li>4. Attempt this live worksheet. <a href="https://www.liveworksheets.com/fk1236600ta">https://www.liveworksheets.com/fk1236600ta</a></li> </ol>																
IIIA/B	Hindi	<ol style="list-style-type: none"> <li>1. कहानी 'चाँद वाली अम्मा' से पाँच नाम वाले शब्द छांटकर लिखो।</li> <li>2. कहानी 'शेखीबाज मक्खी' से पाँच काम वाले शब्द छांटकर लिखो।</li> <li>3. शेखीबाज मक्खी कहानी से आपको क्या शिक्षा मिलती है।</li> <li>4. आपके घर में साफ-सफाई के लिए प्रयोग की जाने वाली वस्तुओं का चित्र चार्ट पर बनाइए।</li> <li>5. निम्नलिखित पाठों का अध्ययन करें।  (क) कक्कू</li> </ol>																

		(ख) शेखीबाज़ मक्खी
IIIA/B	EVS	<p>1. Make your favourite plant/tree on a chart paper and label its different parts.</p> <p>2. Attempt this live worksheet.</p> <p><a href="https://www.liveworksheets.com/gc1815494is">https://www.liveworksheets.com/gc1815494is</a></p> <p><a href="https://www.liveworksheets.com/cq1319034en">https://www.liveworksheets.com/cq1319034en</a></p> <p><a href="https://www.liveworksheets.com/hm1264231ki">https://www.liveworksheets.com/hm1264231ki</a></p> <p>3. Make a poster on the theme:- Save Water.</p> <p>4. Learn and write names of Indian States and their capitals.</p> <p>5. Revise the following chapters;-</p> <p>a) Poonam's Day Out</p> <p>b) The Plant Fairy</p>
IIIA/B	English	<ul style="list-style-type: none"> <li>• Make a flower scrapbook.             <ol style="list-style-type: none"> <li>1. Collect different types of flowers.</li> <li>2. Put each flower between the pages of books.</li> <li>3. Leave the book for somedays.</li> <li>4. Stick the pressed flower in your scrapbook carefully and write the name of each flower.</li> </ol> </li> <li>• Do the live worksheet related to the poem 'GOOD MORNING' . <a href="https://www.liveworksheets.com/gf1240920nj">https://www.liveworksheets.com/gf1240920nj</a><a href="https://www.liveworksheets.com/gf1240920nj">https://www.liveworksheets.com/gf1240920nj</a></li> <li>• Do the given opposite words in the worksheet. <a href="https://www.liveworksheets.com/lis1611528jm">https://www.liveworksheets.com/lis1611528jm</a></li> <li>• Read the chapters 'NINA AND THE BABY SPARROWS' and 'The ENORMOUS TURNIP'.</li> <li>• Find the new action words related to the above mentioned chapters.</li> </ul>
IIIA/B	Maths	<ol style="list-style-type: none"> <li>1. Learn table from 2 to 20.</li> <li>2. Make some designs of rangoli patterns which are related to geometrical shapes.</li> <li>3. Draw a map from your house to school.</li> <li>4. Make a paper clock.</li> <li>5. Make some masks by taking help from the following pictures.             <ol style="list-style-type: none"> <li>a. A cat</li> <li>b. A Mango</li> </ol> </li> <li>6. Use measuring tape and measure:-             <ol style="list-style-type: none"> <li>a. Your height.</li> <li>b. Hand.</li> <li>c. Around the wrist.</li> <li>d. Around the head.</li> </ol> </li> </ol>
IVA/B	Maths	<ol style="list-style-type: none"> <li>1. Learn and write tables upto 15 twice in your maths notebook.</li> <li>2. Attempt these live worksheet. <a href="https://www.liveworksheets.com/fd1251877gq">https://www.liveworksheets.com/fd1251877gq</a></li> </ol>

		<p><a href="https://www.liveworksheets.com/ok1335136hx">https://www.liveworksheets.com/ok1335136hx</a></p> <p><a href="https://www.liveworksheets.com/oo647219kr">https://www.liveworksheets.com/oo647219kr</a></p> <p>3. Project work – Make pair of five Long and short things on a chart paper.</p> <p>4. Learn &amp; revise the following chapters :-</p> <p>a) Building with bricks</p> <p>b) Long and Short</p>
IVA/IVB	EVS	<p>Q.1. Make a collage of following pictures of Rajasthan:</p> <p>a) Musical instruments of Rajasthan    b)Plants and animals of Rajasthan    c)Traditional dress of Rajasthan</p> <p>Q.2. Paste the picture of any four trees and write down their medicinal values.</p> <p>Q.3.Name and name the pictures of any four insects that live in groups like honey bees.</p> <p>Q.4. Revise the completed chapters.</p>
IVA/B	English	<ol style="list-style-type: none"> <li>1. Write 10 naming words, 10 describing words and 10 action words from the units 1, 2 and 3.</li> <li>2. Paste pictures of 5 different trees in your notebook and write 5 sentences on each tree.</li> <li>3. Write your daily routine with time. e.g- I get up at 6 o'clock in the morning.</li> <li>4. Revise the following chapters- <ol style="list-style-type: none"> <li>a. Wake up</li> <li>b. Neha's alarm clock</li> <li>c. Noses</li> <li>d. The Little Fir Tree</li> </ol> </li> </ol>
IVA/IVB	Hindi	<ol style="list-style-type: none"> <li>1) हिन्दी की किताब में सारे पाठ पढ़िये।</li> <li>2) अपनी पाठ्यपुस्तक (रिमझिम) से प्रत्येक मात्रा के पाँच-पाँच शब्द लिखिए ।</li> <li>3) किन्हीं दस मुहावरों को अर्थ सहित लिखो ।</li> <li>5) तूफान और बाढ़ से संबन्धित चित्र इकट्ठा करके A4 पेज में चिपकाओ ।</li> <li>6) प्रतिदिन एक पेज सुलेख लिखें। (सुलेख के लिए अलग से कॉपी बनाए )</li> <li>7) कोई भी दो कविता याद करे ।</li> </ol>

VA/B	Hindi	HOMEWORK	DATE OF SUBMISSION
		एक पत्र लिखकर अपने किसी अध्यापक को भेजे और उसमें बताएं कि छुट्टियाँ में क्या कर रहे हैं।	15 MAY 2021
		किसी एक व्यंजन को बनाकर उसे रिकॉर्ड करें और उस व्यंजन की विधि कॉपी में लिखें।	30 MAY 2021
		किसी एक त्योहार के बारे में अनुच्छेद लिखें ( 200 शब्दों में)	5 JUNE 2021
		कोई भी एक हिंदी पुस्तक लेकर उसे पूरा पढ़ें और उसके बारे में कक्षा में बतायें।	18 JUNE 2021
VA/B	English	<p><b>1. Make a POCKET-DICTIONARY and write 2 New-words with their meaning every day.</b></p> <p><b>2. Revise the following chapters.</b></p> <p>a) Ice-cream man</p> <p>b) Wonderful waste</p> <p>c) Bamboo curry</p> <p>d) Teamwork</p> <p><b>3. Write the recipe of your favourite dish by asking it from your mother.</b></p> <p><b>4. Write any creative story based on the theme 'Teamwork'.</b></p>	
VA/VB	EVS	<p><b>1. Make a poster on 'Project Tiger' programme launched by Government of India.</b></p> <p><b>2. Collect information on 10 national parks in India and list the following-</b></p> <p>1. Name the national parks.</p> <p>2. Name of the state in which it is situated.</p> <p>3. Name of the animals that are mainly protected.</p> <p><b>3. Draw with colour a diagram of human digestive system in your notebook.</b></p> <p><b>4. Write any five precautions to prevent infection of corona virus.</b></p> <p><b>5. Read all the first three chapters and write difficult words in your notebook.</b></p>	
VA/VB	Maths	<p><b>Q1- Draw the following angles using protractor and write their names-</b></p> <p>(i) 60° (ii) 90° (iii) 125° (iv) 165° (v) 35°</p> <p><b>Q2- What measure (in degrees) should be added to the following to make them a right angle?</b></p> <p>a. 34°</p> <p>b. 78°</p> <p>c. 90°</p> <p>d. 16°</p> <p>e. 45°</p> <p><b>Q3- What measure (in degrees) should be added to the following to make them a straight angle?</b></p> <p>a. 90°</p> <p>b. 135°</p>	

		<p>c. 45° d. 180° e. 170°</p> <p>Q4-Write the following Hindu-Arabic Numerals in Roman Numerals-</p> <p>a) 59 b) 123 c) 111 d) 99 e) 546</p>
VI	Maths	<p><b>REVISE- (a) Knowing our numbers (b) Whole numbers (c) Playing with Numbers</b></p> <p><b>(2) Learn the table from 2 to 25 and do all example of chapters 1 to 3</b></p>
VI	English	<p><b>Short Answer Type Question:</b></p> <ol style="list-style-type: none"> <li>1. What did Taro do after the villagers had left the waterfall?</li> <li>2. Why did the dog finally decide to join the man ?</li> <li>3. How did the little elf try to keep his word ? What was his problem and how did he solve it ?</li> <li>4. How did the mother bird get killed ?</li> <li>5. What did the farmer's wife find when she ran inside to the child's cradle ?</li> </ol> <p><b>Long Answer Type Question:</b></p> <ol style="list-style-type: none"> <li>1. How did the king reach the cave of the robbers? What made him ride away from it as fast as he could ?</li> <li>2. Why did Taro stop chopping all of a sudden? How was he able to bring sake for his old Father?</li> <li>3. How can a kite's story be connected to a human life ?</li> <li>4. Who was the dog's master in the beginning? What kind of master did he decide to find and Why ?</li> </ol> <p style="text-align: center;"><u><b>Writing and Grammar section</b></u></p> <ol style="list-style-type: none"> <li>1. Write paragraphs in 60 words of the given topic: (i) Subject I like the most (ii) Health is Wealth</li> <li>2. Write an application to your Principal requesting to grant you three days leave that you could not attend in the class due to sick.</li> <li>3. Write a story to bring out moral on the topic "Beware of flatterers"</li> <li>4. Write Antonyms of the following words: <u>Word</u>                      <u>Antonym</u> arrive ----- difficult ----- wild -----</li> <li>5. Fill in the blanks with suitable 'being' words (am, is, are) : (i) I ----here today (ii) A little learning ----a dangerous thing. (iii) He -----a very lazy boy (iv) I ----glad. (v) You -----very stupid (vi) She -----slow (vii) Mangoes -----sweet (viii) Those bags -----very heavy. (ix) My shoes -----very dirty.</li> </ol>

		(x) This house -----the property of my uncle.
VI	Science	<p>Q.1, Write short notes on followings;</p> <p>(a) Ingredients      (b) Nectar      (c) Sprouted seeds      (d) Omnivore  (e) Balanced diet      (f) Beriberi      (g) Minerals      (h) Roughage  (i) Scurvy      (j) Anaemia      (k) Goiter      (l) Yarn      (m) Fabric</p> <p>Q.2, Do you find that all living beings need the same kind of food?</p> <p>Q.3, Name five plants and their parts that we eat.</p> <p>Q.4, Name two foods each rich in:</p> <p>(a) Fats  (b) Starch  (c) Dietary fibre  (d) Protein</p> <p>Q.5, Name the major nutrients in our food.</p> <p>Q.6, Name the following:</p> <p>(a) The nutrients which mainly give energy to our body.  (b) The nutrients that are needed for the growth and maintenance of our body.  (c) A vitamin required for maintaining good eyesight.  (d) A mineral that is required for keeping our bones healthy.</p>
VI	SST	<p><b>NOTE :- Do the work in a file only</b></p> <p><b>HISTORY :- 1. Draw maps given on page no.- 2 and 14</b>  <b>2. From Chapter 1<sup>st</sup> and 2<sup>nd</sup> 8 MCQs, 4 from each chapter.</b></p> <p><b>Geography :- 1. Draw a physical map of India (locate all the major rivers, mountains and lakes).</b>  <b>2. make diagrams of the solar system, page-3 , globe page- 10, and important latitudes and heat zones, page no.-11.</b>  <b>3. 8 mcq's, 4 from each chapter 1<sup>st</sup> and 2nd</b></p> <p><b>Civics :- 1. 8mcq's from lesson 1st 2nd</b>  <b>2. write the preamble of the constitution of India.</b>  <b>Learn the chapters up to May 2021 for PT1 test.</b></p>
VI	Hindi	<p>1) अपने विद्यालय के प्राचार्य को अवकाश के लिए प्रार्थना पत्र लिखिए।</p> <p>2) विशेष्य, विशेषण एवं सर्वनाम की परिभाषा उदाहरण सहित लिखें।</p> <p>3) नीचे दिए गए विषयों में से किसी दो विषय पर निबंध लिखिए।</p> <p>अ) ऋतुराज वसंत, आ) गणतंत्र दिवस, इ) कोरोना विषाणु</p>
VI	Sanskrit	<p>1. दशः अकारान्तपुलिंगशब्दान् लिखन्तु ।</p> <p>2) दशः आकारान्तसीलिंगान् शब्दान् लिखन्तु।</p>

		<p>3. एकतः पञ्चाशत् पर्यन्तं लिखत ।</p> <p>4) निम्नलिखितानां शब्दानां रूपानि लिखत बालकः, बालिका, लता, फल</p> <p>5) निम्नलिखितधातूनाम् लट्, लङ्, लृट्, विधिलिङ्, लोट् लकारे लिखत दा, पठ्, गम्, खाद्, ।</p>
VII	Maths	<p>1. REVISE</p> <p>(a) Integers</p> <p>(b) Fractions and decimals</p> <p>2. Learn the table from 2 to 25 (cross) and attempt CCT questions of maths</p> <p>3. <u>Asingments</u> on types and properties of triangles</p>
VII	Hindi	<p>1) निःशुल्क पुस्तके प्राप्त करने के लिए अपने विद्यालय के प्राचार्य को प्रार्थना पत्र लिखिए।</p> <p>2) अपने विद्यालय के प्राचार्य को अवकाश के लिए प्रार्थना पत्र लिखिए।</p> <p>3) नीचे दिए गए विषयों में से किसी दो विषय पर निबंध लिखिए अ) ऋतुराज वसंत, आ) गणतंत्र दिवस, इ) कोरोना विषाणु</p>
VII	Sanskrit	<p>1) अधप्रदत्तशब्दसहायतया संस्कृतवाक्यानि रचयत- त्वम्, युवाम्, यूयम्, बालकेन, मुनयः, अतीवः, भोजनम्, एतत्, वयम्, अहम् ।</p> <p>2) निम्नलिखितानां शब्दानां रूपानि लिखत बालकः, बालिका, नदी, मुनि, लता, फल</p> <p>3) निम्नलिखितधातूनाम् लट्, लङ्, लृट्, विधिलिङ्, लोट् लकारे लिखत दा, पठ्, गम्, खाद्, ।</p> <p>4) स्वविद्यालयस्य विषये पञ्चवाक्यानि लिखत ।</p> <p>5) प्रथमः त्रयः पाठस्य अभ्यासप्रश्नानां उत्तराणि लिखत ।</p>
VII	English	Short Answer Type Question:



		<p>1. What did the king offer to do for the hermit and why ?</p> <p>2. Describe the squirrel that the poet saw.</p> <p>3. How did the music master describe his chappals? Why did he describe them so?</p> <p>4. Why do ants allow some other creatures to live in their nests ?</p> <p>5. Why should an elephant be taught to sit down?</p> <p>Long Answer Type Question:</p> <p>1. How did Kari save a drowning boy along with the narrator ?</p> <p>2. Who is queen ant ? How does she play an important role in the bee society ?</p> <p>3. What happened after the beggar went away with the music master's chappals? How did Rukku Manni solve the problem?</p> <p>4. Briefly describe the meeting between the king and the hermit in the story "The three Questions".</p> <p style="text-align: center;"><u>Writing and Grammar Section</u></p> <p>1. Write a story using the outlines given below: Outlines :--A good boy falls into a bad company -----father is worried-----gives him a basket full of good apples -----places a rotten apples in it -----all apples become rotten -----father advised---Moral.</p> <p>2. Write a letter to your father informing him how you have done in your examinations.</p> <p>3. Write a notice in 50 words for your school's notice board inviting the owner to take away the Geometry box that he lost two days before by showing enough evidences.</p> <p>4. Rewrite the following sentences in Future Tense and in 'going to' form.</p> <p>(i) Our next terminal test begins on Monday -----</p> <p>(ii) The inspector is visiting the school tomorrow -----</p> <p>(iii) Our team plays two matches in Agra -----</p> <p>(iv) The train leaves at 7 p.m. -----</p> <p>(v) I reached the station after the train had left -----</p>
VII	SST	<p>NOTE: Do all the work in a file.</p> <p>HISTORY -: 1. 8 MCQS (from each) chapter 1 and 2</p> <p>2. Draw the maps given on page no 9, 16, 22.</p> <p>GEOGRAPHY-: 1. 8 MCQS (from each) chapter 1 and 2</p> <p>2. Draw the figures of the following -: Page No -3, Domains of the environment , Page -7 interior of the Earth, page -9 Rock cycle.</p> <p>CIVIES-: 1. 8 MCQS (from each chapter) 1 and 2</p> <p>2. Make a political map of India (locate all the states, UTs and their capitals).</p> <p>3. Learn the chapters up to May 2021 for PT1 test.</p>
VII	Science	<p>1. Write exercise questions answer of ch-3 (Fibre to Fabric) in your notebook.</p> <p>2. What do you mean by Scouring, Sericulture, Shearing, Sorting?</p> <p>ACTIVITY</p> <p>1. Cut out pictures of the stages of the life history of the silk moth, and paste them on pieces of cardboard or chart paper. Jumble them. Now try and arrange the stages in the correct sequence in a cyclic form.</p> <p>2. Collect pieces of silk cloth of various types and paste them in your scrap book.</p> <p>3. Attempt cct-6, cct-7, cct-8 questions sent in pdf form</p>

VIII	Maths	<p>1.Assingment on Polygons(concave,convex,regular,irregular) and attempt CCT 6,7 and 8 questions</p> <p>2. REVISE</p> <p>(a)rational number</p> <p>(b) linear equation in one variable</p>
VIII	Hindi	<p>1- पठित पाठों के प्रश्नोत्तर लिखकर याद करें।</p> <p>2 अपठित गद्यांश (2) व अपठित पद्यांश (2) को प्रश्नोत्तर सहित लिखें।</p> <p>3- दो औपचारिक और दो अनौपचारिक पत्र लिखें।</p> <p>(3)20-20 उपसर्ग व प्रत्यय को लिखकर दो-दो शब्द बनाइए।</p> <p>(4) समास की परिभाषा भेदों की परिभाषा सोदाहरण लिखें।</p>
VIII	Sanskrit	<p>1) प्रथमः त्रयः पाठस्य अभ्यासप्रश्नानां उत्तराणि लिखत ।</p> <p>2) अधप्रदत्तशब्दसहायतया संस्कृतवाक्यानि रचयत- त्वम्, युवाम्, यूयम्, बालकेन, मुनयः, अतीवः, भोजनम्, एतत्, वयम्, अहम् ।</p> <p>3) निम्नलिखितानां शब्दानां रूपानि लिखत बालकः, बालिका, नदी, मुनि, लता, फल</p> <p>4) निम्नलिखितधातूनाम् लट्, लङ्, लृट्, विधिलिङ्, लोट् लकारे लिखत दा, पठ्, गम्, खाद्, ।</p> <p>5) पुस्तकालयस्य विषये पञ्चवाक्यानि लिखत ।</p>
VIII	English	<p>Short Answer Type Questions: Answer in 20 –30 Words</p> <p>1. What made the Christmas party, as mentioned in the letter unforgettable for Jim?</p> <p>2. “Though ant is smaller than cricket, he is wiser than him.” Give example(s) to prove this statement.</p> <p>3. How did Meghna get caught in the waves ? How was she saved ?</p> <p>Long Answer Type Questions: in 30 ---50 Words.</p> <p>1. Write in brief the main idea of the poem ‘The Geography Lesson’</p> <p>2. What light does the lesson throw on animal behavior during the tsunami ?</p> <p>3. How did the house where Connie lived caught fire ? How was she saved ?</p> <p style="text-align: center;"><u>Writing and Grammar Section</u></p> <p>1. Write a notice for your school’s notice board inviting students to participate in the Volleyball</p>

		<p>inter house competition to be conducted on account of Annual Sports Day celebration. Write in 50 words in a box.</p> <p>2. You are John, living at B-Block, CIT, Balajan, Kokrajhar. You participated in the Republic Day parade. Write a letter to your uncle informing him about your performance and your experience.</p> <p>3. Fill in the blanks with correct interrogative pronouns.</p> <p>(a) -----is that girl in the brown dress?</p> <p>(b) -----were you thinking when you wrote this ?</p> <p>© -----one should I buy ?</p> <p>(d) -----likes to play cricket ?</p> <p>(e) For -----Jasmine made these ?</p>
VIII	AI	<ol style="list-style-type: none"> <li>1. Collage making on the topic Artificial Intelligence</li> <li>2. Designing dream home</li> <li>3. Power Point Presentation on Artificial Intelligence</li> </ol>
VIII	Science	<ol style="list-style-type: none"> <li>1. Mention the role of microorganism in N<sub>2</sub> fixation: 2</li> <li>2. What do you mean by organic food : 2</li> <li>3 . Why &amp; how to control weeds that grow naturally along with crop?</li> <li>4. Mention the role of following microorganisms :( Any 5) <i>Lactobacillus ,Rhizobium, Penicillium, Acetobacter, Streptococcus, LAB(Lactic acid bacteria), Yeast or Saccharomyces</i> 5*1.5=7.5</li> <li>5. Will consumption of pasteurised milk without boiling is harmful? Write pros and cons of using Anti 2+2=4</li> <li>6. Mention any 3 domestic method of food preservation:( 2 )</li> </ol>
VIII	SST	<p><b>NOTE:- DO ALL THE WORK IN ONE FILE</b></p> <p><b>HISTORY:-</b>1. Prepare 8 mcq's (from each chapter) 1 and 2 2. Map Work: use appropriate outline map and locate the places given in the map on page no. 10, 20, 41.</p> <p><b>Geography: -</b> 1.Prepare 5 mcq's from each lesson 1, 2, and 3 2. Map Work: use appropriate outline map and locate the places given in the map on page no. 26, 27 and 41. collect the picture of some Indian national parks and wild life sanctuaries and paste them on your FILE.</p> <p><b>Civics :-</b> 1.Prepare 5mcq's from chapter 1and 2. 2.Prepare the list of "THE FUNDAMENTAL RIGHTS given in the Indian constitution with defined articles"</p> <p>Learn the chapters taught up to May 2021 for PT1 test.</p>



IX	Hindi	<p>1- पठित पाठों के प्रश्नोत्तर लिखकर याद करें।  2 अपठित गद्यांश (2) व अपठित पद्यांश (2) को प्रश्नोत्तर सहित लिखें।  3- दो औपचारिक और दो अनौपचारिक पत्र लिखें।  (3)20-20 उपसर्ग व प्रत्यय को लिखकर दो-दो शब्द बनाइए।  (4) समास की परिभाषा भेदों की परिभाषा सोदाहरण लिखें।</p>
IX	Biology	<p>Answer all (5*1=5)  1. What is Areolar tissue? Or name one animal without muscular tissue:  2. Cardiac cell is multinucleated.....T/F  3. Simple squamous epithelium is meant for ...Lining of gland or organ / secretion and absorption/ both / none. (select the correct)  4. Provide an example of dense regular connective tissue:  5. Two bones are connected by.....ligament / tendon.  <u>B:Answer any 3. (3*5=15)</u>  i) Blood is liquid but bone (skeletal connective tissue) is solid connective tissue? ii) <i>Differ</i> blood and bones on following point: state, composition, transport, supporting structure etc. (2+3)  i) Compare bone and cartilage on the basis of : Nature, pores, blood vessel, matrix; ii) <i>What is osteocyte?</i> (1+4)  i) Name two involuntary muscle: ....?.....&amp;.....?....., ii) Name voluntary multinucleated muscle in .....?.....iii) why blood is called connective tissue? (2+1+2)  i) Compare collenchyma and parenchyma: Mention the location of Cuboidal and columnar epithelial tissue: (1.5=5)</p>
IX	Chemistry	<p>Q.1, How does the water kept in an earthen pot (matka) become cool during summer?  Q.2, Convert the following temperatures to the celsius scale.  (a) 293 K (b) 470 K  Q.3, Convert the following temperatures to the kelvin scale.  (a) 25°C (b) 373°C  Q.4, Why is ice at 273 K more effective in cooling than water at the same temperature?  Q.5, A diver is able to cut through water in a swimming pool. Which property of matter does this observation show?  Q.6, What produces more severe burns, boiling water or steam?  Q.7, Write the steps you would use for making tea. Use the words solution, solvent, solute, dissolve, soluble, insoluble, filtrate and residue.  Q.8, Classify each of the following as a homogeneous or heterogeneous mixture.</p>
IX	English	<p>Short Answer Type Questions: Write in 30 ----40 words.  1. How did Evelyn's deafness come to light?  2. How was pungi came to be named 'shehnai' ?  3. Give an account of Bismillah Khan's memorable performances abroad.  Long Answer Type Questions: Write in 60 ---80 words.  1. Why did Emperor Aurangzeb ban the playing of the pungi and how it was improved and</p>

		<p>called shehnai ?</p> <p>2. Describe the characteristics of old schools. How did they arouse so much interest in Margie and Tommy ?</p> <p>3. According to the poem, 'The Road Not Taken' how does the poet feel about his or her decision in the end ?</p> <p>4. Why does the poet suggest the people that they have to be strong? Write your answer in the context of the poem 'Wind'.</p> <p style="text-align: center;"><u>Writing section</u></p> <p>1. You paid a visit to an 'Old Age Home' with other N.S.S. Volunteers. Using the hints given below together with your ideas, make a diary entry of what you saw and experienced there. Hints:-*Old age home* Mostly senior citizens above 60 *peaceful surrounding* Spacious *Clean rooms and baths * Regular Medical check-ups * a good library * Means of recreation * A home</p> <p>2. Write a letter to the Editor of The Times of India, New Delhi, asking the authorities to take necessary steps to control rising prices and take strong action against the hoarders and black marketers.</p>
IX	SST	<p>1. Choose any one natural disaster (earthquake, flood, landslide, cyclone and famine...or any other) based on Indian phenomenon and make a project file (minimum 20 pages) giving more stress on their causes, damage control and preventive measures.</p> <p>2. Prepare and write 20 very short answer type questions (including MCQs) from each of the following chapters.</p> <p>i) The Story of Village Palampur.</p> <p>ii) India: Size and Location.</p> <p>iii) The French Revolution.</p> <p>iv) What is Democracy? Why democracy?</p> <p>3. Learn all the chapters taught upto May 2021.</p> <p>4. LOCATE all the places related to the chapter 'The French Revolution' in an outline map of Europe (World).</p>
IX	Physics	<ol style="list-style-type: none"> <li>1. Change speed of 6m/s into km/hr</li> <li>2. What do speedometer and odometer used for?</li> <li>3. What is the other name of negative acceleration?</li> <li>4. Differentiate between (1) distance and displacement (2) speed and velocity?</li> <li>5. What is meant by acceleration? What is its unit?</li> <li>6. What is uniform and non-uniform motion?</li> <li>7. Attempt cct-6, cct-7,cct-8 questions sent in pdf form</li> </ol>
IX	AI	<ul style="list-style-type: none"> <li>• Draw a flow chart for the following problems: <ul style="list-style-type: none"> <li>○ Adding 2 to a number</li> <li>○ Calculating average of 3 numbers</li> <li>○ For making tea</li> </ul> </li> <li>• Complete the notes of Algorithm and Flowchart and upload</li> </ul>

X	Maths	<ol style="list-style-type: none"> <li>1. Make a <u>power point presentation</u> on any one chapter.(1 to 4)</li> <li>2. Write all the formulae of trigonometry and learn and attempt CCT 6,7 and 8 questions</li> <li>3. Revise <ol style="list-style-type: none"> <li>a) Real numbers  </li> <li>b) Polynomials</li> <li>c) Pair of linear equations in two variables.</li> <li>d) Quadratic equations</li> </ol> </li> </ol>
X	Sanskrit	<ol style="list-style-type: none"> <li>1) संस्कृत प्रत्ययानाम् एकां तालिकां निर्माय एकं चलचित्रं निर्मातु ।</li> <li>2) स्वभगिन्याः विवाहे आमंत्रित स्वमित्रं प्रति पत्रम् लिखत।</li> <li>3) कर्मवाच्ये, भाववाच्ये धातूनां रूपाणि कीदृशानि भवन्ति तत् लिखित्वा एकं चलचित्रं निर्मातु । (20)</li> <li>4) संस्कृत भाषायाः उपरि १० पंक्ति लिखतु ।</li> <li>5) धातु रूपाणि लिखत-  शी, लभ्(आत्मनेपदी) , कृ ।</li> </ol>
X	Physics	<ol style="list-style-type: none"> <li>1. Draw ray diagram for a concave mirror when <ol style="list-style-type: none"> <li>a) Object is at infinity</li> <li>b) Beyond c</li> <li>c) At c</li> <li>d) Between f and c</li> <li>e) At f</li> <li>f) Between f and p</li> </ol> </li> <li>2. Write uses of concave mirror?</li> <li>3. Draw ray diagram for convex mirror when an object located at <ol style="list-style-type: none"> <li>a) Infinity</li> <li>b) <u>Infront</u> of convex mirror</li> </ol> </li> <li>4. Write uses of <u>convex mirror</u>?</li> <li>5. What is <u>mirror formula</u> and its magnification?</li> <li>6. <b>Attempt cct-6, cct-7,cct-8 questions sent in pdf form</b></li> </ol>
X	Che	<p>Q.1, What is a balanced chemical equation? Why should chemical equations be balanced?</p> <p>Q.2, Write the balanced chemical equation for the following and identify the type of reaction in each case.</p> <p>(a) Potassium bromide(aq) + Barium iodide(aq) → Potassium iodide(aq) + Barium bromide(s)</p> <p>(b) Zinc carbonate(s) → Zinc oxide(s) + Carbon dioxide(g)</p> <p>(c) Hydrogen(g) + Chlorine(g) → Hydrogen chloride(g)</p> <p>(d) Magnesium(s) + Hydrochloric acid(aq) → Magnesium chloride(aq) + Hydrogen(g)</p>

		<p>Q.3, What does one mean by exothermic and endothermic reactions? Give examples.</p> <p>Q.4, Why are decomposition reactions called the opposite of combination reactions? Write equations for these reactions.</p> <p>Q.5, What is a neutralisation reaction? Give examples.</p> <p>Q.6, Why is respiration considered an exothermic reaction? Explain.</p> <p>Q.7, Write one equation each for decomposition reactions where energy is supplied in the form of heat, light or electricity.</p> <p>Q.8, What is the difference between displacement and double displacement reactions? Write equations for these reactions.</p> <p>Q.9, What do you mean by a precipitation reaction? Explain by giving examples.</p> <p>Q.10, A shiny brown coloured element 'X' on heating in air becomes black in colour. Name the element 'X' and the black coloured compound formed.</p> <p>Q.11, Explain the following terms with one example each.</p> <p>(a) Corrosion</p> <p>(b) Rancidity</p>
X	SST	<p>1. Make a project file on "CONSUMER RIGHTS IN INDIA", (FOCUS ON CONSUMER RELATED ISSUES AND CONSUMER LAWS)</p> <p>2. Prepare 20 short answer type questions from the following chapters. (20 questions from each chapter)</p> <p>i). Power Sharing</p> <p>ii). Development</p> <p>iii) Resources and Development</p> <p>iv) The rise of nationalism in Europe.</p> <p>3. Learn all the chapters covered upto May 2021 for PT1 exams.</p> <p>4. LOCATE all the places in an outline map of INDIA related to the chapter " NATIONALISM IN INDIA".</p>
X	English	<p>Q 1 Do you think there is a discrimination based on caste and colour of skin in our country? If yes, suggest ways to eradicate it</p> <p>Q 2 Paper has more patience than people. Elucidate</p> <p>Q 3 The way a crow Shook down on me The dust of snow From a hemlock tree Has given my heart A change of mood And saved some part Of a day I had rued.</p> <p>Write explanation and poetic devices of the above mentioned stanza.</p> <p>Q 4 Fill in the blanks in the paragraph given below with the help of options. The modern student (a) _____ the importance (b) _____ physical exercise. He spends one to two hours in open air (c) _____ he takes part in different sports. However, care should (d) _____ not to overstrain (e) _____ body.</p> <p>(a) (i) understood (ii) understand (iii) have understand (iv) understands (b) (i) of (ii) by (iii) fro (iv) with</p>



- (c) (i) how (ii) which (iii) where (iv) why  
(d) (i) be taken (ii) took (iii) takes (iv) has taen  
(e) (i) a (ii) an (iii) the (iv) some

Q 5 Fill in the blanks in the paragraph given below with the help of options.

The status of women in India (a) ..... a gradual change. Earlier women (b) ..... to the house. They (c) ..... after the household affairs only. But now they (d) ..... out of the threshold of the house and (e) ..... shoulder to shoulder with men. While this (f) ..... a good sign and an indication of their emancipation, yet it has led to a number of problems.

- (a) (i) undergo (ii) undergoes (iii) is undergoing (iv) has undergone  
(b) (i) confined (ii) confines (iii) was confined (iv) were confined  
(c) (i) looks (ii) looked (iii) were looking (iv) had looked  
(d) (i) step (ii) are stepping (iii) have stepped (iv) have been stepping  
(e) (i) work (ii) are working (iii) have worked (iv) have been working  
(f) (i) is (ii) are (iii) has been (iv) will be

Q 6 write an essay on the topic Education during lockdown .

1 Prepare the diary entry of Mrs. Pumphery on the day when Tricki was taken to hospital.

2. Imagine that John and Tom are two employees of Harriot's Surgery. Write a conversation between them about Mrs. Pumphery and Tricki.

3. Write an article on " Better Pet keeping -Guidelines"

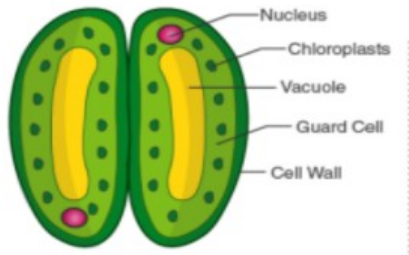
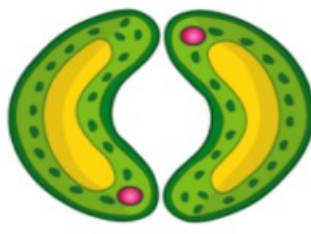
Q 7 Match the following From part A to Part B


Part A

- 1- Apartheid was a system ...
- 2- It was introduced in ...
- 3- During Apartheid, people were treated differently ...
- 4- White people were privileged, while ...
- 5- Black and white children ...
- 6- Under Apartheid, black people were told ...
- 7- Black families were forced to live in independent states ...
- 8- Black people could only enter white areas ...
- 9- In 1953, the government increased penalties for protesting against a law.....
- 10-When a large group of blacks refused to carry their pass books ...
- 11- Children in the homelands ...

Part B

- a. ... South Africa in 1948
- b. ... were not allowed to play together.
- c. ... to work and had to carry and identity document called Passbook.
- d. ... lived in constant fear of violence
- e. ... the government declared a state of emergency.
- f. ... that included fines, imprisonment and whippings
- g. ... black people were impoverished.
- h. ... where to live and only allowed to take badly-paid jobs.
- i. ... that classified people into one of three categories: white, black and coloured

		<p>j. ... with few medical facilities and overcrowded schools.</p> <p>k. ... depending on the colour of their skin</p> <p>Q 8 What is the underlying message for us in our hectic life with reference to the poem, 'Dust of Snow'?</p> <p>Q.9 Attempt all English questions from CCT 6,7 and 8 posted in Google classroom.</p>
X	Hindi	<p>1- पठित पाठ के प्रश्नोत्तर लिखकर याद करें।</p> <p>2- दो अनौपचारिक व दो औपचारिक पत्र लिखें।</p> <p>3- मित्र की सफलता के लिए बधाई संदेश लिखें।</p> <p>4 डाबर च्यवनप्राश पर 50 शब्दों का विज्ञापन तैयार करें।</p> <p>5- संज्ञा, विशेषण, सर्वनाम व अव्यय के भेदों को सोदाहरण लिखें।</p>
X	Bio	<p style="text-align: center;"><b>Class 10<sup>th</sup> _science _KV-23/4/21</b></p> <p style="text-align: center;"><u>Write short notes on following Picture and Chart:</u></p> <p><b>Stomata</b></p> <ul style="list-style-type: none"> <li>• Stomata are pores on the leaves that help in exchange of gases.</li> <li>• They are mostly found on the underside of the leaf.</li> <li>• Each stoma is guarded by guard cells, which control the opening and closing of the pore.</li> <li>• The water content of the guard cells is responsible for their function.</li> </ul> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>(a) Stoma Closed</p> </div> <div style="text-align: center;">  <p>(b) Stoma Open</p> </div> </div>

		<ol style="list-style-type: none"> <li>1. Name some organic &amp; inorganic raw materials used by an organism ;, Name one 'oxidative' life process :</li> <li>2. How O<sub>2</sub> &amp; CO<sub>2</sub> is <u>transported</u> in organisms?</li> <li>3. What is transpiration pull? <u>Is phloem</u> translocation require energy?</li> <li>4. Differ haploid Spores &amp; gametes (haploid) :</li> <li>5. Differ blood and lymph?</li> <li>6. How polypeptide hormone insulin and Diabetes related? Which cell secrete insulin?</li> <li>7. Provide two example of <u>plant</u> growth regulator(promoter) :</li> <li>8. What are.....a,b,c,d in the following? FAtE of glucose ( see book for the arrow Diagram)</li> </ol> <div data-bbox="386 688 1110 989" style="border: 1px solid gray; height: 143px; width: 446px; margin: 10px auto; display: flex; align-items: center; justify-content: center;">  </div> <ol style="list-style-type: none"> <li>9. Draw a neat diagram of Human heart with proper labelings (4)</li> </ol>
<b>X</b>	<b>Comp</b>	<ul style="list-style-type: none"> <li>• Complete the Javascript notes</li> <li>• Write an HTML code with Javascript commands to print the result of all arithmetic operators</li> <li>• Design a webpage which accepts 2 numbers from the user and print the largest of two</li> </ul>

XII	Maths	<p>1. Show that the relation R in the set <math>N \times N</math> defined by <math>(a, b) R (c, d)</math> if <math>a^2 + d^2 = b^2 + c^2 \forall a, b, c, d \in N</math> is an equivalence.</p> <p>2. Show that the function <math>f: R - \{n\} \rightarrow R</math> defined by <math>f(x) = \frac{x-m}{x-n}, m \neq n</math> is one – one but no onto.</p> <p>3. Consider <math>f: R - \{\frac{4}{3}\} \rightarrow R - \{\frac{4}{3}\}</math> given by <math>f(x) = \frac{4x+3}{3x+4}</math>. Show that f is bijective. Find the inverse of f and hence find <math>f^{-1}(0)</math> and x such that <math>f^{-1}(x) = 2</math>.</p> <p>4. If the function <math>f: R \rightarrow R</math> be given by <math>f(x) = x^2 + 2</math> and <math>g: R \rightarrow R</math> be given by <math>g(x) = \frac{x}{x-1}, x \neq 1</math>, find fog and gof and hence find fog (2) and gof (-3).</p> <p>5. Prove that <math>\tan\left(\frac{\pi}{4} + \frac{1}{2}\cos^{-1}\frac{a}{b}\right) + \tan^{-1}\left(\frac{\pi}{4} - \frac{1}{2}\cos^{-1}\frac{a}{b}\right) = \frac{2b}{a}</math>.</p> <p>6. Find the <u>principle value</u> of (1) <math>\tan^{-1}\sqrt{3} - \sec^{-1}(-2)</math> (2) <math>\tan^{-1}(1) + \cos^{-1}\left(\frac{1}{2}\right)</math>.</p> <p>7. Solve for x: <math>\tan^{-1}(x+1) + \tan^{-1}(x-1) = \tan^{-1}\left(\frac{8}{31}\right)</math>.</p> <p>8. Find the value of <math>\cot \frac{1}{2} \left[ \cos^{-1}\left(\frac{2x}{1+x^2}\right) + \sin^{-1}\left(\frac{1-y^2}{1+y^2}\right) \right],  x  &lt; 1, y &gt; 0</math> and <math>xy &lt; 1</math>.</p> <p>9. If <math>[x - y \ 2y \ 2y + z \ x + y] = [1 \ 4 \ 9 \ 5]</math> then write the value of <math>(x + y + z)</math>.</p> <p>10. Simplify :  <math>\cos \cos \theta \left[ \cos \cos \theta \ \sin \sin \theta - \sin \sin \theta \ \cos \cos \theta \right] + \sin \sin \theta \left[ \sin \sin \theta \ \theta \ \cos \cos \theta \ \sin \sin \theta \right]</math></p> <p>11. If <math>[9 \ -1 \ 4 \ -2 \ 1 \ 3] = A + [1 \ 2 \ -1 \ 0 \ 4 \ 9]</math>, then find the matrix A.</p> <p>12. Find the values of x, y and z if the matrix <math>A = [0 \ 2y \ z \ x \ y \ -z \ x \ -y \ z]</math> satisfies the equations <math>A'A = I</math></p> <p>13. If <math>A = [1 \ -1 \ 2 \ 0 \ 2 \ -3 \ 3 \ -2 \ 4]</math>, find <math>A^{-1}</math> using elementary row operation.</p> <p>14. Let <math>A = [2 \ -1 \ 3 \ 4], B = [5 \ 2 \ 7 \ 4], C = [2 \ 5 \ 3 \ 8]</math>, find a matrix D such that <math>CD - AB = 0</math>.</p> <p>15. If <math>A = [3 \ -3 \ 4 \ 2 \ -3 \ 4 \ 0 \ -1 \ 1]</math>, show that <math>A^{-1} = A^3</math></p>
XII	PE	<p><b>Q. No. 1. Prepare different committee to organize any games and sports competition. Briefly discuss duties of different committee.</b></p> <p><b>Q. No. 2. Write the name of different types of tournaments. Write the advantages and disadvantages of Knock out and league tournaments.</b></p>
XII	Bio	<p><b>1. Cross between AaBB and aaBB will form (a) 1 AaBB : 1aaBB (b) All AaBB (c) 3 AaBB : 1 aaBB (d) 1 AaBB : 3 aaBB</b></p> <p><b>2. Red (RR) Antirrhinum is crossed with white (WW) one. Offspring RW are pink. This is an example of (a) dominant -recessive (b) incomplete dominance (c) hybrid (d) supplementary genes</b></p> <p><b>3. The dihybrid ratio in F2 - generation is (a) 1 : 1 : 1 : 1 (b) 2 : 1 : 2 : 1 (c) 3 : 1 (d) 9 : 3 : 3 : 1</b></p> <p><b>4. Genetic map is one that (a) shows the distribution of various species in a region (b) establishes sites of the genes on a chromosome (c) establishes the various stages in gene evolution (d) show the stages during the cell division</b></p>

		<p>5. A gene pair hides the effect of another gene. The phenomenon is (a) epistasis (b) dominance (c) mutation (d) None of the above</p> <p>6. Independent assortment of genes does not take place when (a) genes are located on homologous chromosomes (b) genes are linked and located on same chromosomes (c) genes are located on non-homologous chromosomes (d) All the above</p> <p>7. Extranuclear inheritance occurs in (a) peroxisome and ribosome (b) chloroplast and mitochondria (c) mitochondria and ribosome (d) chloroplast and lysosome</p> <p>8. Test cross involves (a) crossing between two F1 hybrids (b) crossing the F1 hybrid with a double recessive genotype (c) crossing between two genotypes with dominant trait (d) crossing between two genotypes with recessive trait</p> <p>9. When one gene controls two or more different characters simultaneously, the phenomenon is called (a) apomixis (b) pleiotropy (c) polyploidy (d) polyteny Space for Rough Work RESPONSE GRID 1. 2. 3. 4. 5. 6. 7. 8. 9. EBD_7201 www.jeeneetpreparationmodules.comSpace for Rough Work B-106 DPP/ CB27</p> <p>10. ABO blood group system is due to (a) multifactor inheritance (b) incomplete dominance (c) multiple allelism (d) epistasis</p> <p>11. In humans, male XXY and female XXXX occur due to (a) aneuploidy (b) euploidy (c) Nutosomal syndrome (d) none of these</p> <p>12. Haemophilia is more common in males because it is a (a) Recessive character carried by Y-chromosome (b) Dominant character carried by Y-chromosome (c) Dominant trait carried by X-chromosome (d) Recessive trait carried by X-chromosome</p> <p>13. The most striking example of point mutation is found in a disease called (a) thalassemia (b) night blindness (c) down's syndrome (d) sickle cell anaemia</p> <p>14. In Down's syndrome of a male child, the sex complement is (a) XO (b) 45 + XY (c) 45 + XX (d) XXY</p> <p>15. Barr body in mammals represents (a) all the heterochromatin in female cells (b) Y-chromosomes in somatic cells of male (c) all heterochromatin in male and female cells (d) one of the two X-chromosomes in somatic cells of females</p>
XII	Hindi	<p>(1) पठित पाठ के प्रश्नोत्तरों को लिखकर याद करें।</p> <p>2- अभिव्यक्ति के माध्यम के 100 प्रश्नोत्तरों को लिखकर याद करें।</p> <p>3- दो औपचारिक व दो अनौपचारिक पत्र लिखें।</p> <p>4- एक आलेख व एक व एक फीचर का उदाहरण 100शब्दों में लिखें।</p> <p>5-समय का सदुपयोग व मेरे जीवन का लक्ष्य अवतरण लिखें।</p>
XII	Physics	<p style="text-align: center;">Chapter 1: ELECTRIC CHARGES AND FIELDS</p> <p>1MARKS QUESTIONS</p> <p>1. A force F is acting between two charges placed some distance apart in vacuum. If a brass rod is placed between these two charges, how the force change?</p> <p>2. Why electric field inside a dielectric slab decreases when it is placed in an external</p>

		<p>field?</p> <p>3. What is angle between the direction of electric fields at axial point and equatorial point due to an electric dipole?</p> <p>4. The distance of the point on the axis of a small dipole is doubled, by what factor, will the electric field due to dipole change?</p> <p>5. Force between two-point electric charges kept at a distance <math>d</math> apart in air is <math>F</math>. If these charges are kept at same distance in water (<math>K=80</math>), how does the force between them change?</p> <p><b>2 MARKS QUESTIONS</b></p> <p>1. A point charge is placed at the centre of spherical Gaussian surface. How will electric flux change if</p> <p>(i) the sphere is replaced by a cube of same or different volume.</p> <p>(ii) a second charge is placed near and outside the original sphere.</p> <p>(iii) a second charge is placed inside the sphere and</p> <p>(iv) The original charge is replaced by an electric dipole.</p> <p>2. Consider an electric field <math>\vec{E} = 3 \times 10^3 \hat{n} \text{ N/C}</math>. What is the flux of this field through a square of 10cm on a side whose plane is parallel to the Y-Z plane?</p> <p>3. A point charge of <math>+10 \mu\text{C}</math> is at a distance of 5 cm directly above the center of square of side 10cm. What is electric flux through the square?</p> <p>4. A system has two charges <math>q_A = 2.5 \times 10^{-7} \text{ C}</math> and <math>q_B = -2.5 \times 10^{-7} \text{ C}</math> located at points <math>A(0,0,-15\text{cm})</math> and <math>(0,0,+15\text{cm})</math>, respectively. What is the total charge and electric dipole moment?</p> <p>5. A uniform electric field exists in space. Find the electric flux of the field through curved surface area of the cylinder with its axis parallel to the field.</p> <p><b>3 MARKS QUESTIONS</b></p> <p>6. (a) Define electric flux.</p> <p>(b) A charge <math>q</math> is placed at the centre of a cube of side <math>l</math> what is the flux passing through two opposite faces of the cube?</p> <p>7. A spherical Gaussian surface encloses a charge of <math>8.85 \times 10^{-8} \text{ C}</math>. (i) Calculate the electric flux passing through the surface (ii) If the radius of Gaussian surface is doubled, how would the flux change?</p> <p><b>5 MARKS QUESTIONS</b></p> <ol style="list-style-type: none"> <li>Derive the expression for electric field due to an electric dipole at (a) axial point (b) equatorial point.</li> <li>Derive the expression for torque due to an electric dipole in uniform electric field?</li> <li>State and prove Gauss theorem? Using it find the electric field due to (1) an infinite plane sheet of charge. (2) Uniformly charged wire.</li> <li>Draw electric field lines due to a (a) positive charge (b) negative charge (c) electric dipole.</li> </ol>
XII	Chem	<p>Q.1, How can you determine the atomic mass of an unknown metal if you know its density and the dimension of its unit cell? Explain.</p> <p>Q.2, How will you distinguish between the following pairs of terms:</p> <p>(i) Hexagonal close-packing and cubic close-packing?</p> <p>(ii) Crystal lattice and unit cell?</p> <p>(iii) Tetrahedral void and octahedral void?</p> <p>(iv) Crystalline solids and amorphous solids?</p> <p>Q.3, Explain</p> <p>(i) The basis of similarities and differences between metallic and ionic crystals.</p> <p>(ii) Ionic solids are hard and brittle.</p> <p>Q.4, Calculate the efficiency of packing in case of a metal crystal for</p> <p>(i) simple cubic</p>

		<p>(ii) body-centred cubic          (iii) face-centred cubic          Q.5, Silver crystallises in fcc lattice. If edge length of the cell is <math>4.07 \times 10^{-8}</math> cm and density is <math>10.5 \text{ g cm}^{-3}</math>, calculate the atomic mass of silver.          Q.6, Niobium crystallises in body-centred cubic structure. If density is <math>8.55 \text{ g cm}^{-3}</math>, calculate atomic radius of niobium using its atomic mass 93 u.          Q.7, Copper crystallises into a fcc lattice with edge length <math>3.61 \times 10^{-8}</math> cm. Show that the calculated density is in agreement with its measured value of <math>8.92 \text{ g cm}^{-3}</math>.          Q.8, What is a semiconductor? Describe the two main types of semiconductors and contrast their conduction mechanism.          Q.9, In terms of band theory, what is the difference          (i) Between a conductor and an insulator          (ii) Between a conductor and a semiconductor          Q.10, Explain the following terms with suitable examples:          (i) Schottky defect          (ii) Frenkel defect          (iii) Interstitials defect          (iv) F-centres          Q.11, Explain the following with suitable examples:          (i) Ferromagnetism          (ii) Paramagnetism          (iii) Ferrimagnetism          (iv) Antiferromagnetism</p>
XII	English	<p>PART A          (To be done in a file)          Q1 Write notices on          A. blood donation camp to be organized          B. power cut for 5 hours          C. admissions open in DPS, Jodhpur for classes 1-9          D. timings of market opening due to curfew          E. rescheduling of 01492 Kolkata express from 15th May 2021          F. online training programme for newly recruited officials          G. meeting of class monitors to be conducted on Google Meet          H. important documents lost at bus stand          Q2. Write advertisements          A. Situation wanted          B. Situation vacant          C. To let          D. Property sale          E. Property purchase</p>

		<p><b>F. Matrimonial</b></p> <p><b>G. Vehicle for sale</b></p> <p><b>H. Missing of a 10 year old boy</b></p> <p><b>Q3 Write invitation and Reply</b></p> <p><b>A. Invite a chief guest on School Annual day Celebration (Formal Letter)</b></p> <p><b>B. Invite Parents on School Annual Day Celebration (Formal Card)</b></p> <p><b>C. Reply to attend a session on Akashwani Barmer (Formal)</b></p> <p><b>D. Humble disapproval to head a session on Yoga (Formal)</b></p> <p><b>E. Informal invitation to your friend Madhav on your brother's birthday</b></p> <p><b>F. Informal reply to your friend Satya Prakash stating inability to attend his marriage.</b></p> <p><b>PART B</b></p> <p><b>Project Work (To be done in a separate file)</b></p> <p><b>A. One word a day (Write 50 new words with meaning and their use in sentences)</b></p> <p><b>B. Read a healthy book and write its review. You may use the following points to write review- Title of the book, About the Author, Basic Plot or summary, your opinion / critical appreciation of the plot.</b></p> <p><b>C. Movie review. Watch an encouraging movie and write its review. You may use following points to write review. Title of the movie, producer and director, cast (characters), plot, your critical opinion on the movie.</b></p> <p><b>Attempt all English questions from CCT 6,7 and 8 in notebook posted in Google classroom.</b></p>
XII	CS	<ol style="list-style-type: none"> <li>1. Write a function to compute and return the sum of n natural numbers. Eg: Natural_sum(5) should return 15</li> <li>2. Write a function to find the nth factorial . If no argument is passed the function should return the factorial of 1. Eg: fact(3) -&gt; 6 fact() -&gt;1</li> <li>3. Write a program with a function chkOdd() that takes one argument ( a positive integer) and reports if the argument is odd or not</li> <li>4. Write a function that takes one argument and reports if the argument is prime or not</li> <li>5. Write a program to create a text file with the following contents :</li> </ol>



		<p>1 Lucky 23 2 Raman 43</p> <ol style="list-style-type: none"> <li>6. Write a program to read the data in a file "student.txt" and print the contents of the file in lowercase characters</li> <li>7. Write a program to read the data in a file "student.txt" and to print the size of a file (size is the number of characters)</li> <li>8. Write a program to read the data in a file "student.txt" and count the number of spaces present in the file</li> <li>9. Write a program to read the data in a file "student.txt" and count the number of times the character "@" appears in the file</li> <li>10. Write a program to read the data in a file "student.txt" and display the count of the word "and" in the file</li> <li>11. Write a program to read the data in a file "student.txt" and to display only those lines which has word " joke" in it</li> <li>12. Write a program to read the data in a file "student.txt" and to display the data in reverse</li> <li>13. Do all the programs given in Set 1 and Set 2 in laptop/computer and attach the screen shot with output</li> </ol>
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#### ART Home work

CLASS	Subject	Homework
IIIA, IIIB, IVA, IVB, VA, VB	Art	Observe, experience, and enjoy nature around and do nature study such as learning to render and draw garden, potted plants, trees, birds, animals, stones, grounds in or around home visible from balconies or window. Sketch and draw them, use imagination and previous observation/ experience and add elements to it to make a composition. Paint it in bold colours .
VI, VII, VIII	Art	<ol style="list-style-type: none"> <li>1. Draw and sketch simple figures of men, women, learner, pet etc. around you in different actions in the first 2-3 days. Observe their body proportions, gestures, facial expressions, etc. As you feel confident, take simple subjects such as 'my village/my home/room', 'my school', , 'shops and shopkeeper', 'rainy day', etc. draw them in a composition in an imaginary setting. Use simple images and paint.</li> <li>2. Draw and sketch plants, flowers, pet, birds, stones, etc., from your garden or balcony. Make drawings of them (one or two of them) in details based on observation and sitting in front of them and paint. Create a collage, using objects like leaves, dried petals, old newspaper, magazines, buttons, shell, etc.</li> </ol>
IX,X	Art	<ol style="list-style-type: none"> <li>1. Observe man made and natural things such as vegetables, fruits, utensils and pots, trees, flowers, leaves, human figures, pet and animals around, clothes, furniture etc. and sketch; observe and differentiate between light and shade, soft and hard surfaces, dull and bright colours, curves and contours, and shapes. Observe and understand elements of art and design (line, shape, form, texture, rhythm, color, composition and perspective) <ul style="list-style-type: none"> <li>• Work on details of each element of the above with pencil and start drawing.</li> <li>• Make 10 quick sketches daily of the things and objects mentioned above. Sketches have to be quick, free hand without using any tools like eraser, ruler or compass</li> </ul> </li> <li>2. After studying the different objects, make 2 to 3 three dimensional objects, with paper, clay,</li> </ol>

		<p><b>paper mache, cloth or any other material easily available. These can be a utility object, a mobile or a sculpture or a bookmark or dustbin or any other objects they may design.</b></p>
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