

October-Holiday Homework(2020-2021)

Class	Subject	Homework
III A	Hindi	<ul style="list-style-type: none"> i) पाठ 1 से पाठ 10 याद करो । ii) पाठ बंदर बांट के अनुसार "कठपुतली" बनाये । iii) प्रार्थना,प्रतिज्ञा जो कि स्कूल डायरी मे लिखित है को अच्छी प्रकार याद करे ।
IIIA	Maths	<ol style="list-style-type: none"> 1. Revise all the chapters taught till now. 2. Write the name of months having 31 days. 3. Write the definition of pattern. 4. Learn the table from 2 to 20.
IIIA/IIIB	EVS	<ol style="list-style-type: none"> 1- Revise all chapters from 1- 10. 2- Write name of Indian states and capitals on A4 sheet. 3- Learn the recipe of the following from your parents:- <ol style="list-style-type: none"> a) How to make lemon-water b) How to make tea c) How to make fruit chaat
IIIA/IIIB	Eng	<ol style="list-style-type: none"> 1. Read the chapter 'The Story Of The Road.' 2. Draw a Traffic Light and write the significance of each light. 3. Find out the different traffic rules followed in India. 4. Write and learn the importance of Traffic Rules. 5. Revise the previous chapters for the REVISION TEST.
IVA/IVB	Maths	<ul style="list-style-type: none"> i) MAKE A CUBE,A CLOCK AND A TOY BALANCE ii) LEARN TABLE FROM 1 TO 15 iii) MAKE A DESIGN ON A4 SIZE SHEET USING CIRCLE
IVA/IVB	Eng	<ul style="list-style-type: none"> I) WRITE 20 OPPOSITE WORDS AND HOMOPHONES II) HELP YOUR MOTHER IN THE CLEANLINESS OF HOUSE III) WRITE A PARAGRAPH ON-DUSSEHERA
IVA/IVB	Hindi	<ol style="list-style-type: none"> 1. अब तक के कराए गए कार्य को दोहराओ। 2. सभी पाठ से 2 सबसे कठिन शब्द लिखिए। 3. एक चार्ट पेपर पर संज्ञा, सर्वनाम और विशेषण उदाहरण सहित लिखिए।
IVA/IVB	EVS	<ol style="list-style-type: none"> 1. Revise all the chapters taught till now.

		<p>2. Write the name of months having 31 days.</p> <p>3. Write the definition of pattern.</p> <p>4. Learn the table from 2 to 20.</p>
V	EVS	<p>i) Learn the names of Indian states and their capitals.</p> <p>ii) Write five slogans written on the petrol pump (in Hindi or English). Make the poster.</p> <p>iii) Make a poster with a slogan on – “Save Fuel”</p> <p>iv) Learn all the exercises from chapter 1 to 11.</p>
V	English	<p>1- Revise the following chapters:-</p> <p>a) ICE-CREAM MAN WONDERFUL WASTE</p> <p>B) TEAMWORK FLYING TOGETHER</p> <p>C) MY SHADOW ROBINSON CRUSOE DISCOVERS A FOOTPRINT</p> <p>D) CRYING MY ELDER BROTHER</p> <p>2- Write one handwriting everyday.</p>
V	Maths	<p>1. Learn and write multiplication tables up to 20</p> <p>2. Draw and Learn the route map from your home to school and locate different areas that you cross.</p> <p>1- 3. Make a cuboid shape (sweet box) using a thick paper.</p>
V	Hindi	<p>1. प्रतिदिन एक सुलेख साफ और सुन्दर लिखावट में लिखिए (10)।</p> <p>2. कोई एक कविता याद कीजिये।</p> <p>3. 'आपने अपनी छुट्टियाँ कैसे बितायी' उसपर एक अनुच्छेद अपने शब्दों में लिखिए।</p> <p>4. पाठ्यपुस्तक से कोई पांच शब्द ढूँढकर उनपर वाक्य बनाइए।</p> <p>5. 'स्वच्छता/स्वच्छ भारत' विषय पर एक पोस्टर बनाइए।</p>
VI	Science	<p>Q1 What is periscope ? Explain the working principle of periscope with a labelled Diagram. Write any two uses of periscope. (10)</p> <p>Or</p> <p>Design or make a model of an open or closed circuit and draw its diagram (10)</p> <p>Or</p> <p>Make a Pin Hole Camera and describe its principle. (10)</p>
VI	SST	<p>HISTORY-(21/10/2020 TO 23/10/2020)</p> <p>1-READ ALL THE CHAPTERS FROM 1 TO 6 AND LEARN THE QUESTIONS AND ANSWERS.</p> <p>2- MAKE A TOY (USING ECO-FRIENDLY MATERIAL) ON THE INDUS VALLY CIVILIZATION OR ANY TOY RELATED TO ANY HISTORY CHAPTER OF YOUR BOOK.</p> <p>3-MAP WORK-</p>

		<p>(I)-SHOW THE MAIN REVERS OF INDIA. (II)-SHOW SOME IMPORTANT ARCHAEOLOGICAL SITES OF INDIA (III)-SHOW THE MAIN PLACES OF INDUS VALLEY CIVILIZATION. GEOGRAPHY-(24/10/2020 TO 27/10/2020) 1- READ ALL THE CHAPTERS FROM 1 TO 5 AND LEARN THE QUESTIONS AND ANSWERS. 2-MAKE A CHART OR MODEL OF THE SOLAR SYSTEM. 3-MAKE IMPORTANT LATITUDES AND HEAT ZONES AND SHOW SOME LONGITUDES ON THE EARTH. 4-DRAW THE FIGURE OF REVOLUTION OF THE EARTH AND SEASONS. CIVICS -(28/10/2020 TO 30/10/2020) 1- READ ALL THE CHAPTERS FROM 1 TO 4 AND LEARN THE QUESTIONS AND ANSWERS. 2-MAP WORK- SHOW THE INTERNATIONAL AND STATE BOUNDRIES OF INDIA.</p>
VI	Maths	<p>1- COMPLETE YOUR NOTEBOOK 2-CHAPTERS FOR REVISION TEST-3,7,8</p>
VI	Hindi	<p>1) अपने विद्यालय के प्राचार्य को अवकाश के लिए प्रार्थना पत्र लिखिए। 2) 20 विलोम शब्द और 20 पर्यायवाची शब्द लिखिए। 3) नीचे दिए गए विषयों में से किसी दो विषय पर निबंध लिखिए- अ) ऋतुराज वसंत, आ) दिपावली, इ) कोरोना विषाणु</p>
VI	Eng	<p>1. Q:- A. Match the words and phrases with their meanings picking from the box below.</p> <p>(i) homesick ----- (ii) practically ----- (iii) it pains me ----- (iv) appreciate ----- (v) thoughtless ----- (vi) exercise ----- (vii) relief ----- (viii) ghastly -----</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>almost, it hurts me, terrible, test the strength of, understanding the difficulties wanting to be home, a welcome change, not very caring.</p> </div> <p>2. Q:-Why was Jumman happy over Algu's nomination as head Panch? 3. Q:-What does the last sentence of the story suggest? What would the crocodile tell his wife? 4. Q:-In 'Fair Play' Page No91 Match the sentences under I with those under II. 5. Q:-Change the following sentences into Past Continuous Tense: (i) The girls sang songs. ----- (ii) He tells a lie. ----- (iii) My sister ironed clothes. ----- (iv) She returns from the school. ----- (v) We take tea. -----</p> <p>6. Write a letter to one of your classmates, who now lives in another city, telling him that you</p>

		<p>have been chosen the headboy of your school.</p> <p>-----XXXXXXXXXXXXXXXXXXXXX-----</p>
VI	Sanskrit	<p>1. विंशतिः अकारान्तपुंलिंगशब्दान् लिखन्तु ।</p> <p>2. एकतः पञ्चाशत् पर्यन्तं लिखत ।</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>
VII	Sanskrit	<p>1) विंशतिः आकारान्तस्त्रीलिंगान् शब्दान् लिखन्तु।</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>
VII	Maths	<p>1-- COMPLETE YOUR NOTEBOOK</p> <p>2—CHAPTERS FOR REVISION TEST-2,8,9</p>
VII	Hindi	<p>1) 20 पर्यायवाची शब्द और 10 अनेकार्थी शब्द 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)दिपावली, इ) दूर्गा पूजा</p>
VII	Science	<p>Q.1, Following are some of the characteristics of animals:</p> <p>(i) Diets heavy on fruits (ii) White fur (iii) Need to migrate (iv) Loud voice (v) Sticky pads on feet (vi) Layer of fat under skin (vii) Wide and large paws (viii) Bright colours (ix) Strong tails (x) Long and large beak</p> <p>For each characteristic indicate whether it is adaptation for tropical rainforests or polar regions. Do you think that some of these characteristics can be adapted for both regions?</p> <p>Q.2, When are the maximum and minimum temperature likely to occur during the day?</p>

		<p>Q.3, Explain why burning of wood and cutting it into small pieces are considered as two different types of changes.</p> <p>Q.4, When baking soda is mixed with lemon juice, bubbles are formed with the evolution of a gas. What type of change is it? Explain.</p> <p>Q.5, How will you help your neighbours in case cyclone approaches your village/town?</p> <p>Q.6, You want to buy a house. Would you like to buy a house having windows but no ventilators? Explain your answer.</p> <p>Q.7, Explain why holes are made in hanging banners and hoardings.</p>
VII	SST	<p>HISTORY-(21/10/2020 TO 24/10/2020) 1-READ ALL THE CHAPTERS FROM 1 TO 4 AND LEARN THE QUESTIONS AND ANSWERS. 2- MAKE A TOY (USING ECO-FRIENDLY MATERIALS) ON THE CHAPTER 'RULERS AND BUILDINGS' OR 'TRACING THE CHANGES THROUGH A THOUSAND YEARS'.</p> <p>GEOGRAPHY-(25/10/2020 TO 27/10/2020) 1- READ ALL THE CHAPTERS FROM 1 TO 4 AND LEARN THE QUESTIONS AND ANSWERS. 2-WRITE ABOUT DIFFERENT TYPES OF ROCKS WITH EXAMPLE AND WRITE ABOUT ROCK CYCLE. 3-MAKE A FIGURE OF VOLCANO WITH NAME. 4-MAKE A FIGURE OF DIFFERENT TYPES OF LAYERS OF THE ATMOSPHERE AND WRITE THE NAME.</p> <p>CIVICS -(28/10/2020 TO 30/10/2020) 1- READ ALL THE CHAPTERS FROM 1 TO 4 AND LEARN THE QUESTIONS AND ANSWERS. 2-WRITE ABOUT THE PROCEDURE OF THE ELECTION OF AN MLA AND WRITE ABOUT HIS WORKS.</p>
VII	Eng	<p>1. Q:- 'Expert Detective' Honeycomb Page No-93 (Working with Language) The word 'tip' has only three letters but many meanings. Match the word with its meanings below.</p> <p>2. Q:-Is there a 'talking fan' in your house? Create a dialogue between the fan and a mechanic.</p> <p>3. Q:- Can anyone's age be a minus number? What does "minus 87" mean?</p> <p>4. Q:- Why does Mr Wonka collect items from the oldest things? Do you think this is the right way to begin his invention?</p> <p>5. Q:-Was the customer interested in the care and feeding of the doves he had bought? If not, why not?</p> <p>6. Q:-Write questions for the following answers: (i) She travelled by train. ----- (ii) He lost her book yesterday. -----</p>

		<p>(iii) I sat in the front row. -----</p> <p>(iv) We enjoyed the party last week. -----</p> <p>7. Q:-Write a letter to your mother telling her about the food being served in your school hostel.</p> <p>8. Q:-Write an essay on the following topics in 80 words. (Any one)</p> <p>(a) My Country (b) My Favourite Holiday Destination</p> <p>-----XXXXXXXXXXXX-----</p>
VIII	Sanskrit	<p>1) अधप्रदत्तशब्दसहायतया संस्कृतवाक्यानि रचयत- अलिखत्, पठामः, नृत्यसि, प्राचार्यः, विद्यालयम्</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>
VIII	Science	<p>1. Complete your science notebook</p> <p>2. make a toy for virtual science exhibition with the help of which you can explain any topic of science</p> <p>3. prepare ch-6,7,8,9,10 for revision test</p>
VIII	Hindi	<p>शारदीय अवकाश गृहकार्य</p> <p>1-भारत की खोज के 1 से 45 पृष्ठ तक के प्रश्न उत्तर याद करो।</p> <p>2:-वसन्त भाग 3 के प्रश्नोत्तर याद करो।</p> <p>3:-20 उपसर्ग एवम् 20 प्रत्यय लिखें।</p> <p>4:-समास के भेद सोदाहरण लिखें।</p> <p>5:-हमारा प्यारा त्यौहार पर निबंध लिखें।</p>
VIII	MAths	<p>1---- COMPLETE YOUR NOTEBOOK</p> <p>2--- CHAPTERS FOR REVISION TEST—3,4,9</p>
VIII	Eng	<p>1. Q:-As Jody, write a diary entry narrating your experience of bringing the fawn home?</p> <p>2. Q:-There are different types of schools: (i) village school where children are made to sit on floor (ii) school where children sit on a long desk (iii) a school under a tree. Which one of these would you like to attend and why?</p> <p>3. Q:-Ranji is not at all eager for a second fight. Why does he go back to the pool, then?</p> <p>4. Q:-Describe the debate between Ranji and the other boy.</p> <p>5. Q:-How can you win over enemy and make him your friend?</p> <p>6. Q:- In Honeydew Page no 95 . There are some questions in direct speech. Put them into reported speech. (i) Penny said, "Do you really want it son?"</p>

		<p>(ii) Mill-wheel said, "Will he ride back with me?"</p> <p>(iii) He said to Mill-wheel, "Do you think the fawn is still there?"</p> <p>(iv) He asked Mill-wheel, "Will you help me find him?"</p> <p>(v) He said, "Was it up here that Pa got bitten by the snake?"</p> <p>7. Q:-You found a Geometry box in the school campus two days before, Write a notice in not more than 50 words inviting the owner to receive his/her lost item by submitting suitable evidences.</p> <p>8. Q:-Write an application to your principal requesting to issue a transfer certificate by showing a solid reason that you are forced to apply for transfer.</p> <p>9. Q:-Imagine you are going to USA on your vacations. This is your first trip on an aeroplane. Write about your feelings in the form of a diary entry in 100 words.</p>
VIII	SST	<p>HISTORY-(21/10/2020 TO 24/10/2020)</p> <p>1-READ ALL THE CHAPTERS FROM 1 TO 6 AND LEARN THE QUESTIONS AND ANSWERS.</p> <p>2- MAKE A TOY (USING ECO-FRIENDLY MATERIAL) ON THE CHAPTER 'WEAVERS IRON SMELTORS AND FACTORY OWNERS', OR , THE CHANGING WORLD OF VISUAL ARTS.</p> <p>3- MAP WORK-</p> <p>(I)-SHOW ON THE MAP OF INDIA THE PLACES RELATED THE REVOLT OF 1857.</p>
IX	Eng	<p>Attempt CCT items sent in Google classroom</p> <p>A Legend of the Northland, My Childhood, No Men Are Foreign, Iswaran the Storyteller.</p>
IX	Chemistry	<p>Q.1, How does the water kept in an earthen pot (matka) become cool during summer?</p> <p>Q.2, Convert the following temperatures to the celsius scale. (a) 293 K (b) 470 K</p> <p>Q.3, Convert the following temperatures to the kelvin scale. (a) 25°C (b) 373°C</p> <p>Q.4, Why is ice at 273 K more effective in cooling than water at the same temperature?</p> <p>Q.5, Calculate the number of molecules of sulphur (S₈) present in 16 g of solid sulphur.</p> <p>Q.6, What are polyatomic ions? Give examples.</p> <p>Q.7, Which postulate of Dalton's atomic theory is the result of the law of conservation mass?</p> <p>Q.8, Hydrogen and oxygen combine in the ratio of 1:8 by mass to form water. What mass of oxygen gas would be required to react completely with 3 g of hydrogen gas?</p> <p>Q.9, Name the technique to separate</p>

		<p>(i) butter from curd, (ii) salt from sea-water, (iii) camphor from salt.</p> <p>Q.10, Explain the following giving examples. (a) saturated solution (b) pure substance (c) colloid (d) suspension</p> <p>Q.11, Classify each of the following as a homogeneous or heterogeneous mixture.</p>
IX	Sanskrit	<p>1) गुणसन्धे: एवं दीर्घसन्धे: 20-20 उदाहरणानि लिखन्तु। 2) निम्नलिखितानां शब्दानां रूपानि लिखत- अस्मद्, युष्मद्, तत् (त्रिषु लिंगेषु), एतत् (त्रिषु लिंगेषु) 3) निम्नलिखितधातूनाम् लट्, लङ्, लृट्, विधिलिङ्, लोट् लकारे लिखत - स्था, वस्, पा, अस्, लभ्</p>
IX	Hindi	<p>शारदीय अवकाश गृहकार्य</p> <p>1-पठित पाठों के प्रश्न उत्तर याद करो। 2:-उपसर्ग एवं प्रत्यय (20-20)लिखकर प्रत्येक के दो-दो शब्द लिखें। 3:-समास के भेद सोदाहरण लिखें। 4: अलंकार सोदाहरण लिखें। 5:- अर्थ के आधार पर वाक्य सोदाहरण लिखें।</p>
IX	Maths	<p>1---- COMPLETE YOUR NOTEBOOK 2--- CHAPTERS FOR REVISION TEST—2,10</p>
IX	SST	<p>21/10/20 TO 24/10/20 1.Describe the main causes of French revolution. फ्रांस की क्रांति के प्रमुख कारणों की व्याख्या कीजिए। 2. What steps were taken to improve the condition of factory workers and peasants in Russia after the Civil war? रूस में गृह युद्ध के बाद कारखाना कामगारों और किसानों की स्थिति में सुधार के लिए क्या कदम उठाए गए? 3. Why did the Tsarist autocracy collapse in 1917? 1917 में जार का शासन क्यों खत्म हो गया? 4. The central location of India at the head of the Indian Ocean is considered of great significance. Why? हिंद महासागर में भारत की केंद्रीय स्थिति से इसे किस प्रकार लाभ प्राप्त हुआ है? 25/10/20 TO 27/10/20</p>

		<p>5. Describe the parallel ranges of Himalayas. हिमालय की समानांतर श्रेणियों का वर्णन कीजिए।</p> <p>6. Give an account of weather conditions and characteristics of the Cold weather season. शीत ऋतु की दशाओं और विशेषताओं पर प्रकाश डालिए।</p> <p>7. Mention some essential features of Democracy. लोकतंत्र की आवश्यक विशेषताओं का उल्लेख कीजिए।</p> <p>8. What do you mean by Election? Why is it needed in a democracy? चुनाव से आप क्या समझते हैं? लोकतंत्र में चुनाव क्यों आवश्यक है?</p> <p>28/10/20 TO 30/10/20</p> <p>9. What is the aim of production? State any four requirements for production. उत्पादन का क्या उद्देश्य है? उत्पादन के लिए चार आवश्यकताओं का उल्लेख कीजिए।</p> <p>10. Describe different types of Unemployment found in India. भारत में पाई जाने वाली विभिन्न प्रकार की बेरोजगारी का वर्णन कीजिए।</p> <p>11. Outline map of France locate the following - i) Bordeaux ii) Nantes Outline map of India locate the following i) K2 mountain peak ii) Standard Meridian iii) Godavari River</p>
IX	Phy	<p>Solve ncert exercises of 1. motion 2. Force and law of motion 3. Gravitation 4. Work , energy and power and write in your notebook Prepare ch-gravitation and work energy for revision test</p>
IX	Biolog y	<p>Q1. What is blood? Write its components and two points on its function. (1+2)</p> <p>Q2 What is cartilage ? How is it different from bone? (1+2)</p> <p>Q3 Name two complex permanent tissue in vascular plants. Write their function (3)</p> <p>Q4 What are tissues. Explain the meristematic tissues in plants (3)</p> <p>Q5 Differentiate plant tissues from animal tissues by giving three points (3)</p> <p>Q6 What is lymph? Write its function. (2)</p> <p>Q7 Name the tissue responsible for the following functions in our body (4)</p> <p>i) Storage of fat</p> <p>ii) Movement of limbs</p> <p>iii) Movement of food in the alimentary canal</p> <p>iv) Which act as the barrier to keep different body system</p> <p>Q8 Differentiate Axon from Dendron. (2)</p>
X	Eng	<p>Attempt CCT items sent in Google classroom Glimpses of India, Madam Rides the Bus, The Making of a Scientist, The Hack Driver. Write all the figures of speech used in The Ball Poem and Custard the Dragon.</p>
X	Biolog y	<p>Q1 How did Mendel's experiments show that differentiate trait are inherited independently. Explain (2)</p> <p>Q2 Differentiate acquired traits from inherited traits (2)</p>

		<p>Q3 Mendel took tall pea plant and short pea plants and produce F1 progeny through cross fertilization. What did Mendel observe in F1 (2)</p> <p>Q4 Name the process and explain the type of nutrition found in green plants. List the raw material required for this process, Give chemical equation for the for the same process. (3)</p> <p>Q5 What are the three events occurred during photosynthesis (3)</p> <p>Q6 Differentiate veins from artery (2)</p> <p>Q7 Differentiate aerobic respiration from anaerobic respiration. (2)</p> <p>Q8 Mention any two component of blood. Trace the movement of oxygenated Blood in the body. (2)</p> <p>Q9 Name the basic filtration unit present in the kidney. (2)</p> <p>Q10 Why is the breathing in aquatic organism much faster than in terrestrial Organism?</p>
X	SST	<p>21-10-20 TO 23-10-20</p> <p>1. How did the treaty of Vienna change the map of Europe? Explain. वियना संधि ने किस प्रकार यूरोप का नक्शा बदल कर रख दिया? व्याख्या करें।</p> <p>2. How did the Greek war of independence mobilized Nationalist feeling among the educated elite across Europe? यूनान के स्वतंत्रता संघर्ष ने किस प्रकार पूरे यूरोप के शिक्षित लोगों में राष्ट्रवादी विचार को फैला दिया।</p> <p>3. Describe the process of unification of Italy. इटली के एकीकरण की प्रक्रिया का वर्णन कीजिए।</p> <p>4. Describe the spread of non-cooperation movement in the Countryside. ग्रामीण क्षेत्रों में असहयोग आंदोलन किस प्रकार फैला वर्णन कीजिए।</p> <p>24-10-20 TO 26-10-20</p> <p>5. What is Resource? Distinguish between renewable and non-renewable resources. संसाधन क्या है? परंपरागत और गैर परंपरागत संसाधनों में अंतर स्पष्ट कीजिए।</p> <p>6. Explain any five measures to control Industrial pollution in India. भारत में औद्योगिक प्रदूषण को नियंत्रित करने की कोई पांच तरीके बताइए।</p> <p>7. What are the Prudential and moral reasons for power sharing? सत्ता की साझेदारी के नैतिक और तार्किक कारण कौन से हैं?</p> <p>27-10-20 TO 30-10-20</p> <p>8. Define sustainable development. Write any four features of sustainable development. सतत पोषणीय विकास क्या है? सतत पोषणीय विकास के चार विशेषताओं को लिखिए।</p> <p>9. How can we create more employment opportunities in Urban areas? Explain with examples. शहरी क्षेत्रों में हम अधिक रोजगार का सृजन कैसे कर सकते हैं? उदाहरण के साथ व्याख्या कीजिए।</p>

		<p>10. On outline map of India locate the following</p> <ol style="list-style-type: none"> The place which is known for Cotton mill workers Satyagrah. The city where the Jallianwala Bagh incident occurred. Coimbatore textile industry Tehri dam
X	Maths	<p>Q. No. 1 Complete Activity Copy which are given in Soft copy of Lab Manual of Class – X. All students are complete 10 activity which are mention in group.</p> <p>Q. No. 2 Complete your homework copy with chapter 13.</p> <p>Q. No. 3 A train travels a distance of 480 km at a uniform speed. If the speed had been 8 km/h less, then it would have taken 3 hours more to cover the same distance. We need to find the speed of the train.</p> <p>Q. No. 4 A car has two wipers which do not overlap. Each wiper has a blade of length 25 cm sweeping through an angle of 115°. Find the total area cleaned at each sweep of the blades.</p> <p>Q. No. 5 Find the values of y for which the distance between the points P (2, – 3) and Q (10, y) is 10 units.</p>
X	Chemistry	<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. (a) Potassium bromide(aq) + Barium iodide(aq) \rightarrow Potassium iodide(aq) + Barium bromide(s) (b) Zinc carbonate(s) \rightarrow Zinc oxide(s) + Carbon dioxide(g) (c) Hydrogen(g) + Chlorine(g) \rightarrow Hydrogen chloride(g) (d) Magnesium(s) + Hydrochloric acid(aq) \rightarrow Magnesium chloride(aq) + Hydrogen(g)</p> <p>Q.3, What does one mean by exothermic and endothermic reactions? Give examples. Q.4, Why are decomposition reactions called the opposite of combination reactions? Write equations for these reactions.</p> <p>Q.5, Why does distilled water not conduct electricity, whereas rain water does? Q.6, What is a neutralisation reaction? Give two examples.</p>

		<p>Q.7, Give two important uses of washing soda and baking soda.</p> <p>Q.8, What are amphoteric oxides? Give two examples of amphoteric oxides.</p> <p>Q.9, Define the following terms. (i) Mineral (ii) Ore (iii) Gangue</p> <p>Q.10, Why is the conversion of ethanol to ethanoic acid an oxidation reaction?</p> <p>Q.11, How many structural isomers can you draw for pentane? Draw all the possible isomers.</p> <p>Q.12, What will be the formula and electron dot structure of cyclopentane and acetic acid?</p> <p>Q.13, Why do you think the noble gases are placed in a separate group?</p> <p>Q.14, Which element has (a) two shells, both of which are completely filled with electrons? (b) the electronic configuration 2, 8, 2? (c) a total of three shells, with four electrons in its valence shell? (d) a total of two shells, with three electrons in its valence shell? (e) twice as many electrons in its second shell as in its first shell?</p>
X	Hindi	<p>शारदीय अवकाश गृहकार्य</p> <p>1 पठित पाठ के प्रश्न उत्तर याद करो।</p> <p>2:-रचना के आधार पर वाक्य 15-15सोदाहरण लिखें।</p> <p>3:-30 वाक्य को लिखे और पहचाने।</p> <p>4:-50पद- परिचय लिखें।</p>
X	Sanskrit	<p>1) व्यंजनसन्धे: विंशति शब्द सन्धिविच्छेदं कृत्वा लिखत ।</p> <p>2) मत्तुप् प्रत्ययम् योजयित्वा 20 शब्द लिखत ।</p> <p>3) कर्मवाच्ये, भाववाच्ये धातूनां रूपाणि कीदृशानि भवन्ति तत् लिखित्वा एकं चलचित्रं निर्मातु । (20)</p> <p>4) धातु रूपाणि लिखत- शी, लभ्(आत्मनेपदी) , कृ ।</p>
X	Eng	<p>Attempt CCT items sent in Google classroom The Summer of the Beautiful White Horse, The Address, Determiners</p>
X	Phy	<p>Solve ncert exercises of: 1. Reflection and refraction 2. Electricity and write in your notebook Prepare ch-effect of current for revision test</p>
XI	Maths	<p>Q. No. 1 Complete Activity Copy which are given in Soft copy of Lab Manual of Class – XI. All students are complete 10 activity which are mention in group.</p> <p>Q. No. 2 Complete your homework copy with chapter 6.</p>

		<p>Q. No. 3 Find the radius of the circle in which a central angle of 60° intercepts an arc of length 37.4 cm</p> <p>Q. No. 4 Prove that:</p> <p>1. $\sin^2 \frac{\pi}{6} + \cos^2 \frac{\pi}{3} - \tan^2 \frac{\pi}{4} = -\frac{1}{2}$ 2. $2\sin^2 \frac{\pi}{6} + \operatorname{cosec}^2 \frac{7\pi}{6} \cos^2 \frac{\pi}{3} = \frac{3}{2}$</p> <p>Q. No. 5 Express the following in $a + ib$:</p> <p>(i) $\frac{5 + \sqrt{2}i}{1 - \sqrt{2}i}$ (ii) i^{-35}</p>
XI	Bio	<p>Q1 Differentiate between green algae, brown algae and red algae in respect of pigments and reserve food materials. (3)</p> <p>Q2 Name the part that fixes the brown algae to the substrate. (2)</p> <p>Q3 Why some bryophytes are called Liverworts. (2)</p> <p>Q4 What is mycorrhiza. How is it beneficial to organism. ? (2)</p> <p>Q5 Why are some fungi known as Fungi Imperfecti ? (2)</p> <p>Q6 Why lichens are called as Dual Organism ? (2)</p> <p>Q7 What do the term phycobiont and mycobiont signify? (2)</p> <p>Q8 Write two importances of lichen (2)</p> <p>Q9 What is bacteriophage ? Draw a labelled diagram of bacteriophage. (1+2)</p> <p>Q10 What is meant by (1x5=5)</p> <p>(i) Plasmogamy (ii) Viroids (iii) Rhizome (iv) Protonema (v) Phycocolloids</p>

		<p>Q11 Give the scientific name of a species of fungus which (3)</p> <p>a) Is edible b) Is a source of antibiotics c) Use in the manufacture of ethanol</p> <p>Q12 Bryophytes are known as Amphibian of plant kingdom. Why? (1)</p> <p>Q13 Write the characteristics of seedless vascular plant (2)</p> <p>Q14 Differentiate between Liverwort and mosses. (2)</p> <p>Q15 Explain the following terms (10x1=10)</p> <p>i) Metamerism ii) Coelom iii) Flame cells iv) Radula v) Green glands vi) Hermaphrodite vii) Poikilothermal viii) Cnidoblast cells ix) Sexual dimorphism x) Hirudin</p>
XI	Chemistry	<p>Q.1, What do you mean by significant figures? How many significant figures are present in the following? (i) 0.0025 (ii) 208 (iii) 5005</p> <p>Q.2, Calculate the molar mass of the following: (i) H₂O (ii) CO₂ (iii) CH₄</p> <p>Q.3, A solution is prepared by adding 2 g of a substance A to 18 g of water. Calculate the mass per cent of the solute.</p> <p>Q.4, Calculate the wavelength, frequency and wavenumber of a light wave whose period is 2.0×10^{-10} s.</p> <p>Q.5, In Rutherford's experiment, generally the thin foil of heavy atoms, like gold, platinum etc. have been used to be bombarded by the α-particles. If the thin foil of light atoms like aluminium etc. is used, what difference would be observed from the above results ?</p> <p>Q.6, Indicate the number of unpaired electrons in : (a) P, (b) Si, (c) Cr, (d) Fe and (e) Kr.</p>

		<p>Q.7, Considering the atomic number and position in the periodic table, arrange the following elements in the increasing order of metallic character : Si, Be, Mg, Na, P.</p> <p>Q.8, Which of the following species will have the largest and the smallest size? Mg, Mg²⁺, Al, Al³⁺.</p> <p>Q.9, Why do elements in the same group have similar physical and chemical properties?</p> <p>Q.10, Why do elements in the same group have similar physical and chemical properties?</p> <p>Q.11, Consider the following species : N³⁻, O²⁻, F⁻, Na⁺, Mg²⁺ and Al³⁺</p> <p>(a) What is common in them?</p> <p>(b) Arrange them in the order of increasing ionic radii.</p> <p>Q.12, What is the basic difference between the terms electron gain enthalpy and electronegativity?</p>
XI	Physics	<p>Solve ncert exercises of unit :2 kinematics</p> <p>Prepare unit-2 for revision test</p>
XI	Hindi	<p>शारदीयावकाश गृहकार्य:-</p> <p>1)पठित पाठों के प्रश्न उत्तर याद करो।</p> <p>2:-भाषा अभिव्यक्ति का माध्यम से लिखे गए प्रश्नों को याद करो।</p> <p>3:-आलेख एवं फीचर का एक-एक उदाहरण लिखें।</p> <p>4:-औपचारिक एवं अनौपचारिक पत्र के प्रारूप को लिखो।</p>
XI	CS	<ol style="list-style-type: none"> 1. Flowchart to check positive number. 2. Flowchart to check negative number. 3. Flowchart to Calculate Simple Interest 4. Flowchart to print area of rectangle. 5. Draw flowchart to find the largest among three different numbers entered by user. 6. Draw a flowchart to find all the roots of a quadratic equation $ax^2+bx+c=0$ 7. Draw a flowchart to check whether a number is prime or not
XII	Eng	<p>Solve sample question paper.</p> <p>The Rattrap, Indigo, Should Wizard Hit Mommy, On the Face of It.</p> <p>Notice writing.</p>
XII	Hindi	<p>शारदीयावकाश गृहकार्य:-</p>

		<p>1)पठित पाठों के प्रश्न उत्तर याद करो।</p> <p>2:-भाषा अभिव्यक्ति का माध्यम से लिखे गए प्रश्नों को याद करो।</p> <p>3:-आलेख एवं फीचर का एक-एक उदाहरण लिखें।</p> <p>4:-औपचारिक एवं अनौपचारिक पत्र के प्रारूप को लिखो।</p>
XII	Maths	<p>Q. No. 1 Complete Activity Copy which are given in Soft copy of Lab Manual of Class – XII. All</p> <p>students are complete 10 activity which are mention in group.</p> <p>Q. No. 2 Complete your homework copy with chapter 7.</p> <p>Prove the following:</p> <p>1. $3\sin^{-1} x = \sin^{-1} (3x - 4x^3), x \in \left[-\frac{1}{2}, \frac{1}{2}\right]$</p> <p>2. $3\cos^{-1} x = \cos^{-1} (4x^3 - 3x), x \in \left[\frac{1}{2}, 1\right]$</p> <p>Q. No. 3</p> <p>Q. No. 4</p> <p>(i) Show that the matrix $A = \begin{bmatrix} 1 & -1 & 5 \\ -1 & 2 & 1 \\ 5 & 1 & 3 \end{bmatrix}$ is a symmetric matrix.</p> <p>Q. No. 5 Find the equation of the normals to the curve $y = x^3 + 2x + 6$ which are parallel to the line $x + 14y + 4 = 0$.</p>
XII	BIO	<p>Q1 Write the mechanism of DNA replication with the help of a replication fork (2)</p> <p>Q2 Which property of DNA double helix led Watson and Crick to hypothesise semi-conservative mode of DNA replication? (2)</p> <p>Q3 What roles does the following enzymes play in DNA replication (3)</p> <p>✓ Ligase</p>

- ✓ Helicase
- ✓ Topoisomerase

Q4 Why DNA molecule is considered as a better hereditary material than RNA molecule (3)

Q5 A DNA segment has a total of 2000 nucleotides out of which 520 are adenine containing nucleotides. How many purine bases this DNA segment possess. ? (3)

Q6 Describe the experiments that established the identity of transforming principal of Griffith. (3)

Q7 The base sequence in one of the strands of DNA is 5'- TAGCATGAT -3' (3)

Give the base sequence of its complementary strand.

How are these base pairs held together in a DNA molecule ?

Explain the base complementary rules. Name the scientist who framed the rule.

Q8 Why does DNA Replication occur in small replication fork and not in its entire length? (2)

Q9 Why is DNA replication continuous and discontinuous in a replication fork? (2)

Q10 State the importance of origin replication (1)

Q11 Describe the process of transcription on bacteria. (3)

Q12 Explain the processing of hnRNA needs to undergo before becoming functional mRNA in eukaryotes (3)

Q13 What may be the consequence when both the template and the coding strands of a DNA segment participate in transcription process ? (2)

Q14 Write the role of t-RNA, mRNA and ribosome during events of translation (3)

		<p>Q15 Write the different components of lac operon in E-coli. Explain its expression while in an open state (1+4)</p> <p>Q16 Explain the technique of DNA fingerprinting. State any two situations where the technique is useful. (3+2)</p> <p>Q17 t-RNA is an adapter molecule. Why? (2)</p> <p>Q18 Why does the lac operon shut down some time after the addition of lactose in the medium where E coli was growing? Why low level expression of lac operation always required (1+2)</p> <p>Q19 "Degenerate" and Universal are salient features of a genetic code. Explain (2)</p> <p>(A) Expand the term :</p> <ul style="list-style-type: none"> (i) YAC (ii) BAC (iii) HGP (iv) SNPs (v) VNTR
XII	CS	Solve the Questions posted in Google Classroom Complete the record work
XII	Physics	1. Solve ncert exercise of unit: optics 2. Complete your practical notebook and activity file 3. prepare unit- 4 ,5,6 for revision test
XII	Chemistry	<p>Q.1, How the following conversions can be carried out?</p> <ul style="list-style-type: none"> (i) Propene to propan-1-ol (ii) Ethanol to but-1-yne (iii) 1-Bromopropane to 2-bromopropane (iv) Toluene to benzyl alcohol (v) Benzene to 4-bromonitrobenzene <p>Q.2, Write the isomers of the compound having formula C₄H₉Br.</p> <p>Q.3, How will you bring about the following conversions?</p> <ul style="list-style-type: none"> (i) Ethanol to but-1-yne (ii) Ethane to bromoethene (iii) Propene to 1-nitropropane (iv) Toluene to benzyl alcohol (v) Propene to propyne <p>Q.4, Write reaction and mechanism of following-</p> <ul style="list-style-type: none"> a) Friedel-Crafts reaction b) Wurtz-Fittig reaction c) SN1 and SN2

	<p>d) Kolbe's reaction e) Reimer-Tiemann reaction f) Williamson synthesis</p> <p>Q.5, How will you prepare Phenol from Cumene? Explain.</p> <p>Q.6, What do you mean by esterification reaction? Explain with suitable example.</p> <p>Q.7, Explain Lucas test with example.</p> <p>Q.8, Explain Electrophilic aromatic substitution reactions of Phenol.</p> <p>Q.9, What do you mean by benzoquinone?</p> <p>Q.10, Explain Oxidation of primary, secondary and tertiary alcohols with suitable reaction.</p>
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