Class X Holiday Homework

SN	Subject	Holiday homework
1.	English	Q.1 As the times have changed we have entered into a digital age,age of technology, we can not forget the roots where we started from.In order to learn about how things used to be in the past ,conduct an interview session with your grandparents and your parents as well .Make a video asking them about the changes they witness and what kind of games they used to play , transport facilities of their time ,school and curriculum of their age as well as fashion and clothing of their times.(3 questions for each topic) Q.2 Watch the movie 'Theory of Everything '(2014) on you tube. Summarise the story in your own words. Write the summary in school English Grammar notebook. Q.3 Write atleast 5 quotes (in your own words) which are apt to the present scenario of covid-19. Quotes can be based on what you learnt and felt during this lockdown period. Present them with sketch , caricatures or drawings in your school English literature notebook. Q.4 Letter writing a) There are so many municipal taps of drinking water installed in your city. For lack of maintenance ,most of them are either leaking or left running by careless members of the public. Write a letter in 100-120 words to the editor of a local newspaper drawing attention of the authorities for proper maintenance and urging the public to be careful while using them. You are Amit /Amita ,406,Raja park ,Jawahar Nagar ,Jaipur. b) Write a letter to the Sales Manager .SMS Books ,Pitam Pura ,New Delhi, placing order for five titles of books that you need for educational purpose. You are Nikita/Nirvan ,8/84 , Model town ,New Delhi.
2.	Hindi	1 संज्ञा ,सर्वनाम, विशेषण, क्रिया तथा क्रिया विशेषण के भेद तथा प्रत्येक भेद के पाँच- पाँच उदाहरण दीजिए । 2 गर्मी की छुट्टियों के किन्हीं 20 दिनों की दिनचर्या डायरी लेखन विधा के रूप में अपनी उत्तर पुस्तिका में लिखें। 3 दिए गए बिंदुओं के आधार पर लगभग 80 से 100 शब्दों में अनुच्छेद लिखिए। 1 आधुनिक जीवन शैली और स्वास्थ्य क जीवन शैली में आ रहे परिवर्तन ख स्वास्थ्य का महत्व ग जीवन शैली का स्वास्थ्य पर प्रभाव 2 विकास की देन दूषित पर्यावरण क प्रकृति, पर्यावरण की आवश्यकता ख मनुष्य की जवाबदेही

		ग विकास की आधुनिक अवधारणा में पर्यावरण
		3 कंप्यूटर की उपयोगिता
		क वर्तमान युग- कंप्यूटर युग
		ख कंप्यूटर की उपयोगिता
		ग स्वचालित गणना प्रणाली
		घ कार्यालय तथा इंटरनेट में सहायक ङ नवीनतम उपकरणों में उपयोगिता
		4 प्रकृति का प्रकोप
		क प्रकृति का दानव स्वरूप
		ख कारण
		ग समाधान
		(वर्तमान समय में चल रही कोरोना वायरस महामारी की समस्या का उल्लेख)
		4 'मुझे प्रकृति की ओर' विषय पर 25 से 30 शब्दों का एक सचित्र विज्ञापन बनाए ।
		नोट÷ यह संपूर्ण कार्य अपनी अभ्यास पुस्तिका में शुद्ध वर्तनी व भाषा को ध्यान में रखते हुए करें।
4.	French	1. Prepare a PowerPoint presentation on education system of France and India.
		2. Make a portrait of famous personality that you know (a personality of fashion, cinema or politics) and try to find the possible details on him or her.
		3. Write a letter to friend and explain how to take measures regarding covid 19.
		4. Write the following dialogues on
		1. Doctor and patient
		2. Librarian and student
		5. Make a small presentation on political system of France.
3.	Mathematics	Q.1 Make a power point presentation on different parabolic graphs of a quadratic polynomial $ax^2 +bx +c$. Students are requested t0 add animation in the power point presentation.
		Q.2 Create an activity to find HCF of two numbers in your school Notebook. **OR**

		Explain the different possible graphical representation of two linear equations $a_1x + b_1y + c_1 = 0$ and $a_2x + b_2y + c_2 = 0$ in your school notebook
		
		Q.3 Solve the following questions in your school notebook from the Mathematics refresher **Pradeep's Fundamental Mathematics for Class X (by Romesh Kumar)**
		Chapter 1 Real numbers OTQ's I MCQ's $\rightarrow$ Q.1 to Q.15
		     (page No. 1/59)
		Chapter 2 Polynomials OTQ's I MCQ's $\rightarrow$ Q.1 to Q.15
		     (page No. 2/63)
		Chapter 3 Pair of Linear Equations in two variables
		     Assignment (Level I) Q.2, Q.6, Q.7, Q.12, Q.13
		     Assignment (Level II) Q7, Q.13, Q.17, Q.18, Q.19
		     (Page No. 3/102 and 3/103)
		     Note: MCQ's are to be solved in school notebook.

	Science	1 Make a Power Point Presentation on Solar Energy Devices.(Rollno.1 to 12)
		Make a Power point presentation on Nuclear Energy Devices.(Rollno.13 to 24)
		Make a Power point presentation on Biomass Energy Devices.(Rollno24 to 36)
		2. Develop a game using cards (cards you make from thick sheets of paper)
		Write symbols of elements, formulae, valencies on different cards. These cards
		Can be used for learning Chemical Formulae and reactions.
		3. A silver article generally turns black when kept in open for a few days. The article when rubbed with toothpaste again starts shining.
		    a) Why do silver articles turn black when kept in open for a few days. Name the phenomenon involved.
		    b) Name the black substance formed and give its chemical formula.
		4 .Make a flow chart of the summary of the chapter "Chemical Reaction".
		5.Energy flow in food chain is always unidirectional .Justify this statement. Explain how
		The pesticides enter a food chain and subsequently get in to our body.

5.	Social Studies	1. Every student has to compulsorily undertake any one project (PPT/ MOVIE/ VIDEO) on the following topics. Consumer Awareness **OR** Social Issues **OR** Sustainable Development

		2. **Map Work: (Map Booster)** Do the map given on page no. 15, 16, 17, 18, 19, 20, 22, 23, 80, 81 and 82. 3**. (History)** Chapter-2 Nationalism in India: Do assessment in history notebook given on page no. 44 and 45. **(Economics)** Chapter-3 Money and Credit: Do assessment of Long Answer Type Questions in Economics notebook given on page no. 399.