BRAHMANANDA PUBLIC SCHOOL
HOLIDAY HOMEWORK 2020-21
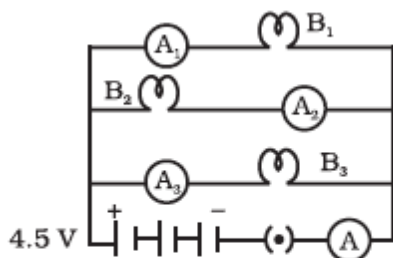## CLASS X

ENGLISH	1) Reading- Read the autobiography of Steve Jobs. Write your review in your holiday homework notebook.
	2) Writing-
	Modern life has paved the way to a mechanical and a dependent life on gadgets. They play a significant role in day to day life of every human being, thus occupying major part of their house. Write an article on "Useful aspects of gadgets and their service to mankind".
	3) Make a collage on an A3 size sheet or chart paper (A3 size only). Use cut outs from newspapers and writes slogans. Use any ONE of the following socially relevant themes:
	Educate the girl child
	Stop child labor
	Cancer Prevention
	4) **Newspaper Activity:**
	Pick out any two words from the newspaper every day. Write their meanings and make sentences of your own in English notebook.
हिंदी	1. कोई एक ऐसा उत्पादन जो पर्यावरण और स्वास्थ की दृष्टि से अन्य उत्पादनों की तुलना में बेहतर हो पर लोग उसके बारें में कम जानते हैं |जैसेः लस्सी, हर्बल चाय, जुट के थैले आदि विषय पर आकर्षक विज्ञापन तैयार कीजिए	
	2. दी गई सूची में से **कोई एक** रचना पढ़कर उसकी समीक्षा लिखें-:
	पुरुस्कार) जयशंकरप्रसाद(, निर्मला) प्रेमचंद (औरगिरगिटकासपना) मोहनराकेश (
	• लेखक का परिचय
	• रचना का शीर्षक
	• कथासार
	• मनपसंद पात्र
	• अच्छी न लगने वाली बात	
	• आकर्षक प्रोजेक्ट फ़ाइल का प्रयोग करे
	3.**जलसंरक्षण**और**राष्टीयएकता**विषयपरलोगोंकोजागरूककरनेहेतुसचित्रस्लोगनतैयारकीजिए|
	4.कक्षा में किया गया कार्य दोहराय	
	5.**कोरोना वायरस** को लेकर क्या करें और क्या ना करें का वर्णन चित्र सहित कीजिए	
	समान्य निर्देश :-
	अपनेअनुसारशीट , अन्यवस्तुऔररंगोंकाचयनकरे	
SCIENCE	**1. Do Revision of chapters -1,6, 12 and 14.**
	2. Make a power point presentation on any of the topic from Science NCERT

PHYSICS	**BOOK. (Minimum 12 slides)** **3. Solve the following questions in your science notebook.** 1. Draw a circuit diagram of an electric circuit containing a cell, a key, an ammeter, a resistor of 2 Ω in series with a combination of two resistors (4 Ω each) in parallel and a voltmeter across the parallel combination. Will the potential difference across the 2 Ω resistor be the same as that across the parallel combination of 4Ω resistors? Give reason. 2. B1, B2 and B3 are three identical bulbs connected as shown in fig 12.8. When all the three bulbs glow, a current of 3A is recorded by the ammeter A. (i) What happens to the glow of the other two bulbs when the bulb B1 gets fused? (ii) What happens to the reading of A1, A2, A3 and A when the bulb B2 gets fused? (iii) How much power is dissipated in the circuit when all the three bulbs glow together? Fig. 12.8
CHEMISTRY	3. A substance X, which is an oxide of a group 2 element, is used intensively in the cement industry. This element is present in bones also. On treatment with water it forms a solution which turns red litmus blue. Identify X and also write the chemical reactions involved. 4. A silver article generally turns black when kept in the open for a few days. The article when rubbed with toothpaste again starts shining. (a) Why do silver articles turn black when kept in the open for a few days? Name the phenomenon involved. (b) Name the black substance formed and give its chemical formula. 5.Draw the diagram of alimentary canal of man and label the following parts.
BIOLOGY	Mouth, Oesophagus, Stomach, Intestine.
MATHS	**PROJECT:** 1. COORDINATE GEOMETRY Make an illustrative project file for the following: a) Collect 10 cuttings of two-dimensional objects (triangles/ various types of quadrilaterals) from the newspapers/ magazines etc. and paste them on separate graph sheets. b) Locate their vertices using coordinate axes. c) Find the length of their sides using formula and calculate their area. 2. STATISTICS Make an illustrative project file for the following: a) Choose any 5 wards from South Delhi Municipal Corporation. b) Find the number/ names of candidates who contested for the elections from these

	wards.
	c) Note their ages and prepare a frequency distribution table for the same taking 25-30 as one of the intervals.
	d) Find the mean, Mode and median of the above data.
	e) Construct histogram and frequency polygon for the same taking ages (in yrs) on x-axis and the number of candidates on y axis.
	f) Collect information about qualification of these candidates and prepare a 'pie chart' under the following categories: Illiterate, up to class 10th, up to class 12th, graduate, post graduate and professionals.
	3. Make a square grid and design a crossword puzzle with mathematical terms.
	4. **ASSIGNMENT:** Practice NCERT done chapters and solve UT-I paper in separate register.
SOCIAL SCIENCE Geography (Contemporary India-II)	Q1 Explain the importance of conservation of resources.
	Q2 33% of the total land area of a country should be under forests.' Justify the statement highlighting the environmental values of the forests.
	Q3 Describe three features of 'Alluvial Soil', Black Soil and Arid soil found in India.
	Q4 What is soil erosion? How human activities and natural forces do causes soil erosion? Suggest measures of soil conservation in hilly and mountainous areas and in desert areas.
	Q5 Attempt a classification of plants and animals given by International Union for Conservation of National Resources.
Civics (Democratic Politics)	Q1 Make a flow chart on ethnic composition of Belgium and Sri Lanka
	Q2 What lead to the ethnic tension in Belgium? Why was it more acute in Belgium?
	Q3 Describe ant three provisions of the act which was passed in Sri Lanka in 1956 to establish Sinhala supremacy.
	Q4 Describe horizontal and vertical power sharing in modern democracies.
Economics (Understanding economic development)	Q1 In situations with high risks credit, credit might create further problems for the borrower. Explain.
	Q2 How do bank mediate between those who have surplus money and those who need money?
	Q3 Why do we need to expand formal source of credit in India?
	Q4 Analyze the role of credit for development.

Follow all the Do's and Don'ts for the prevention of Covid-19. Stay home, stay safe.