

SARDAR PATEL PUBLIC SCHOOL, KANPUR
SUMMER HOLIDAY HOME WORK
CLASS - XI

<u>Subjects Name</u>	<u>Home work</u>
English	<p>Language:-(Any two topics)</p> <ol style="list-style-type: none">1.As a student editor you have been asked to write an article in about 300 words for your school magazine on the topic “ The Power of Social Media “ .2.Review of television experience3.As the Head Girl of your school , you have been asked to deliver a speech on the occasion of World Health Day to spread awareness about good health and its benefits .Write a suitable speech on the above .4.A product discription. <p>Literature:-(Any two topics)</p> <ol style="list-style-type: none">1.Analysis of character from drama or any short story or poem in the prescribed book.2.Analysis of a theme from any poem in the prescribed text3.Describe how the rebel Macdonwald meets his end ,as narrated by the sergeant .4.How does the Abhisara –The Tryst depicts the contrast between spiritualism and materialism?
Hindi	<p>Do any two</p> <p>१) निम्नलिखित में से किसी एक विषय पर लगभग ४०० शब्दों में निबंध लिखिए।</p> <ol style="list-style-type: none">१) परोपकार ही मानव जीवन का लक्ष्य है२) जीवन में नैतिक मूल्य का अभाव३) कोई अविस्मरणीय चरित्र४) राजनीति का अपराधीकरण <p>२) निम्नलिखित मुहावरों का अर्थ लिखकर वाक्य प्रयोग कीजिए।</p> <ol style="list-style-type: none">१) आंखों में धूल झोंकना२) मुट्टी गर्म करना३) मन भरना४) अपना सा मुंह लेकर रह जाना५) भीगी बिल्ली बन्ना <p>साहित्य</p> <p>निम्नलिखित में से किन्ही दो प्रश्नों के उत्तर दीजिए।</p>

	<p>काव्य मंजरी १) प्रस्तुत कविता सखी में कबीर दास जी ने क्या संदेश दिया है। साहित्य में उसका क्या स्थान है? निम्नलिखित में से किन्ही दो प्रश्नों के उत्तर दीजिए।</p> <p>गद्य संकलन</p> <p>२) “आधी रात तक घर में प्रभु दास को इटली भेजने के प्रस्ताव पर वाद विवाद होता रहा चैतन्य दास का कथन था कि एक संदिग्ध फल के लिए 3000 का खर्च उठाना प्रतिकूल है बुद्धिमत्ता के प्रति ”</p> <p>१) प्रभु दास कौन था उसे इटली भेजने का प्रस्ताव क्यों रखा गया? २) कहानी के आधार पर बताइए कि यहां पर फल संदिग्ध किस संदर्भ में कहा गया है। ३) प्रभु दास जी को तपेदिक के उपचार के लिए इटली भेजने की किस-किस की सहमति थी? ४) अंत में कहानी का मुख्य पात्र चैतन्य दास ने प्रस्ताव पर क्या निर्णय लिया और उससे क्या परिणाम निकला?</p>
Mathematics	<p>Project work - (any two topics)</p> <p>1.To find the number of subsets of a given set and verify that if a set has n number of elements then the total number of subsets is 2^n. 2 To interpret geometrically the meaning of $i = (-1)^{1/2}$ and its integral powers. 3.To construct a Pascal's triangle and to write Binomial expansion for a given positive integral exponent 4.To demonstrate that the arithmetic mean of two different positive numbers is always greater than the geometric mean.</p>
Physics	<p>(any two topics)</p> <p>1.To study Newton's third Laws of Motion using two spring balances 2.To study the time period of oscillation of two same springs in series and parallel combination. 3.Gravitation 4.Kinetic energy Title and Abstract (Summary) Introduction /Purpose Contents / Presentation Analysis material aid (graph ,data, structure, etc.)</p>

Chemistry	<p>(any two topics)</p> <ol style="list-style-type: none"> To study radical analysis of acid and basic radicals Write 50 chemical compound name with chemical formula and common name. Draw periodic table and write symbols of element with atomic number Chemicals in medicines : antiseptics ,antibiotics ,antacids etc. and their uses
Computer	<ol style="list-style-type: none"> Decimal to binary conversion A) $(34)_{10} = ()_2$ B) $(74)_{10} = ()_2$ C) $(80)_{10} = ()_2$ D) $(100)_{10} = ()_2$ E) $(120)_{10} = ()_2$ Convert the following binary to decimal A) $(1010)_2$ B) $(10001)_2$ C) $(1111)_2$ D) $(10011)_2$ E) $(1110)_2$ Derive the expression for a full adder. Draw the truth table and logic circuit diagram. Write a java program to check whether the given number is palindrome or not
Biology	<p>(Any two topics)</p> <ol style="list-style-type: none"> Make a project file based on animal kingdom Exploring biodiversity and conservation at the botanical garden Comparative study of plant tissues and animal tissues with reference to their structure, functions, and adaptation in multicellular organisms. Study of biodiversity and analysis of the importance of conservation of endangered plant and animal species
Economic	<p>(Any two topics)</p> <ol style="list-style-type: none"> Study in detail the South Asian Association for Regional Cooperation (SAARC) and its impact on Indian economy. Prepare a report on the various poverty alleviation and employment generation programmes started in India , with special focus on MNREGA. Compare the status of woman in your state with that at the national level for the last ten years on the basis of education level employment etc Study consumer awareness among household so designing questionnaires and collection of primary data
Accountancy	<ol style="list-style-type: none"> Preparation of journal /subdivision of journal , ledger, trial balance and financial statements of a trading organization on the basis of a case study . a) Develop a case study of a sole trader starting business with a certain

<p>Commerce</p>	<p>amount of capital. He could have got the amount from his past savings or by borrowing from a bank by mortgaging his personal assets or by winning a lottery or any other source.</p> <p>b) Write in detail ,his transactions during the year -his purchases-cash and credit -sales cash and credit , expenses , purchase of fixed assets and depreciation charged on them ,any outstanding expenses, prepaid expenses accrued income , drawing bills of exchange , accepting bills payable ,etc.</p> <p>2. Prepare a Bank Reconciliation Statement and Amended Cash book from the information given in your cash book and bank statement (pass book) with at least fifteen transactions.</p> <p>Do any two</p> <p>1.Assume you are starting a partnership firm with your friend /friends . Develop a business plan covering the following aspects :</p> <ul style="list-style-type: none"> - Formation of this partnership firm – rules and steps that would be followed including the partnership deed - Choice of types of partners involved and your justification for the same . <p>2. Select a daily use consumer product . Trace its origin right from the primary industry through the secondary and tertiary industries. Draw a flow chart to include all the business activities in its path from the producer to the consumer .</p> <p>3 Makeup project related to human activities</p> <p>4 Make a project on bussiness explaining all the important natures objectives and classification</p>
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