

**BHAVAN'S R.K.SARDA VIDYA MANDIR**  
**Home Assignment for Summer Vacation**  
**Session: 2022-23**  
**Class:XII**

Sl. No	Subject	Assignment	Submission Format / Details
1	English	<p>Q1. Write a Blog on the following person:</p> <ol style="list-style-type: none"> <li>Lizze Velasquez (Roll 1 – 10)</li> <li>Chris Gardner (Roll 11- 20)</li> <li>Frank Abignale Jr. (Roll 21- 30)</li> <li>Mathew McCaughey (Roll 31 – end)</li> </ol> <p><b>Rubric:</b> Apply a catchy # title. Research on the person and present your views. Paste pictures of the assigned personality. Word limit: 250 – 300 words</p>	Hand written in A4 size paper and filed up.
2	Hindi	<p>I – निम्न में से किसी एक विषय पर 300-400 शब्दों में लेख तैयार करें- आवश्यकतानुसार सचित्र वर्णन</p> <ol style="list-style-type: none"> <li>सावन की पहली झड़ी</li> <li>इम्तहान के दिन</li> <li>जीवन का आधार, संतुलित आहार</li> <li>भारत का बदलता का चेहरा</li> </ol> <p>II. भारतसरकार के शिक्षा मंत्रालय द्वारा छत्तीसगढ़ सरकार के सचिव को नई शिक्षा नीति लागू करने के विषय में पत्र लिखिए।</p> <p><b>प्रमाण-पत्र, अभिस्वीकृति एवं सूचकांक संलग्न करना अनिवार्य है</b></p>	A-4 Size Paper
3	Economics	<p>Analyze and evaluate the real-world economic scenarios and probe deeper into the theoretical concepts studied in class XI and class XII until now. Word limit- 2200 to 2500 words of research. <u>The flow of research</u></p> <ul style="list-style-type: none"> <li>Introduction of topic/title</li> <li>Identifying the causes, consequences, and/or remedies</li> <li>Various stakeholders and effect on each of them, Advantages and disadvantages of situations or issues identified</li> <li>Short-term and long-term implications of economic strategies suggested in the course of research</li> <li>Validity, reliability, appropriateness, and relevance of data used for research work and presentation in the project file</li> <li>Presentation and writing that is succinct and coherent in the project file</li> </ul> <p>Citation of the materials referred to, in the file in footnotes, resources section, bibliography, etc.</p>	<b>A-4 Size blank sheets.</b> (No use of green and red colors)

4	<b>Mathematics</b>	<ol style="list-style-type: none"> <li>1. Fibonacci sequence: Its' history and presence in nature (Explain in detail with reference to mathematical connectivity).</li> <li>2. <b>FOURIER SERIES: Applications of the Fourier Series</b> Student need to know the mathematical uses of Fourier series under the following: (a) Uses of Fourier Series/transform in real life.</li> </ol>	Hand written in A4 size paper and filed up.
5	<b>Applied Mathematics</b>	<ol style="list-style-type: none"> <li>1. Probability Distribution and Business world. Students need to research on different type of Probability distribution (Binomial, Poisson and Normal) and how they are helpful in business world.</li> <li>2. Fibonacci sequence: Its' history and presence in nature and how the Fibonacci retracement used financial market.</li> </ol>	Hand written in A4 size paper and filed up.
6	<b>Business Studies</b>	<p>Marketing Management (any one product)</p> <ol style="list-style-type: none"> <li>1.Type of product</li> <li>2. Brand name</li> <li>3. Range of product</li> <li>4. Logo</li> <li>5.Tagline</li> <li>6. Labeling and Packaging</li> <li>7. Price of product</li> <li>8.Channels of distribution</li> <li>9.Transportation</li> <li>10.Promotion techniques</li> <li>11. Grading and Standardization</li> </ol>	A4 size paper. (project file) hand written 25-30 pages
7	<b>Accountancy</b>	<p>Students are required to imagine their own company, name it and write down the possible transactions of the same for a financial year. Next, pass journal entries, post them into ledger and prepare a trial balance from it. Make financial statements (Trading, Profit and Loss Account and Balance sheet) from the trial balance and analyse the financial condition of the company.</p>	A4 Size paper (Avoid using green and red pen)
8	<b>Physics</b>	<p>To write in detail the two projects (a) About chemical cells which convert chemical energy in to electrical energy, (b) about Transformer. Their uses.</p>	In detail notes with diagrams on project files.

9	Chemistry	<p>1. Submit the synopsis of the chemistry project on the given topic according to the CBSE guidelines. Remember the following points while making it</p> <ul style="list-style-type: none"> <li>• It should be around 30 pages.</li> <li>• More and more pics/graphs/case studies of the respective topic.</li> <li>• Order of content should be as introduction classification (if any), main content process health hazards, and bibliography. Practical verification is only possible during lab periods. So leave 2 pages for that purpose.</li> <li>• Project must be handwritten on white or coloured A-4 size sheets. Blank sides should be used for diagrams, pasting of pics and tables.</li> <li>• 1st Page – School Logo, Topic of Chemistry Project, Owner Name and Class Section details and Mentor Name etc.</li> <li>2nd Page – Certificate</li> <li>3rd Page – Acknowledgement followed by Index.</li> </ul> <p>Then continue from the introduction .....</p> <p>2. Note down 05 chemistry practical's in the manual according to the following order, <b>in your practical note book.</b></p> <ol style="list-style-type: none"> <li>I. Prepare M/50 FAS solution in 250 ml.</li> <li>II. Prepare M/50 oxalic acid solution in 250 ml.</li> <li>III. Characteristic tests of carbohydrates, fats and proteins in pure samples and their detection in given foodstuffs.</li> <li>IV. Prepare crystals of potash alum.</li> <li>V. Prepare crystals of FAS.</li> </ol> <p>3. Do Intext and Exercise questions of Ch-10-HaloAlkanes and HaloArenes in the Class Note Book.</p>	A – 4 Size Paper
10	Biology	<p>1. Submit the synopsis of the Biology project on the given topic according to the CBSE guidelines. Remember the following points while making it</p> <ul style="list-style-type: none"> <li>• It should be 10-20 pages.</li> <li>• More and more pics/graphs/case studies of the respective topic.</li> <li>• Order of content should be as introduction classification (if any), main content, process, health hazards, and bibliography.</li> <li>• Project must be handwritten on white A-4 size Project File sheets. Blank side should be used for diagrams, pasting of pics and tables.</li> <li>• 1st Page – School Logo, Topic of Chemistry Project, Owner Name and Class Section details and Mentor Name etc.</li> <li>2nd Page – Certificate</li> <li>3rd Page – Acknowledgement followed by Index.</li> </ul> <p>Note down 02 Biology Practical in the manual according to the following order.</p> <ol style="list-style-type: none"> <li>1..Prepare a temporary mount to observe pollen germination.</li> <li>2.Study and observe the Flowers adapted to pollination by different agencies (wind, insects, and birds).</li> </ol>	A 4 size paper

**Note: - Vacation assignment is a part of Subject Project Work for Class –XII. It should be handwritten by the student. Vacation assignment must be submitted by 11<sup>th</sup> of July. Every Assignment should bear the Name, Class & Sec and Subject.**