

S.No	Subject	CLASS XII HOLIDAY HOMEWORK - 2024
1	English	<p><b>GOALS WITHOUT A PLAN IS JUST A WISH</b></p> <p><b>A. Introduction:</b> As Grade XII students, you stand on the brink of realizing your dreams, particularly in pursuing professional courses at esteemed universities. However, achieving goals isn't merely about setting them; it requires meticulous planning and unwavering dedication. To help your juniors understand the importance of goal-setting and planning, you're tasked with presenting a research-based project report for an upcoming school seminar. Hypothesis: "Goals without a plan are just wishes."</p> <p><b>B. Survey:</b> (i) Conduct interviews with at least 5 individuals who have achieved success in their respective fields to understand their journey. (ii) Survey at least 25 students to gauge their approach towards setting and achieving goals.</p> <p><b>C. Content: Any One of The Following</b></p> <p>*Create a short film showcasing the stories of successful personalities who have achieved their goals through meticulous planning. (Duration: 5 minutes) *Produce a podcast featuring interviews with students discussing their strategies and methods for reaching their goals. *Posters: Design a poster offering "Tips to Reach Your Dream Goal" to be displayed at the presentation. The poster should provide actionable advice and inspiration for achieving goals effectively. Summarize the findings from the interviews, surveys, and research conducted in the form of a report. In the report include your reflection on your learning outcomes from the project. Discuss how the research and interviews have influenced your understanding of goal-setting and planning for success.</p> <p>D. Rubrics for Assessment: GOALS WITHOUT A PLAN IS JUST A WISH</p> <p>a. Survey and Research (10 points) Conducts thorough interviews and surveys, gathering insightful data relevant to the topic.</p> <p>b. Content Creation (10 points) Short film and podcast demonstrate exceptional creativity, clarity, and relevance to the topic.</p> <p>c. Summary of Findings (05 points) Provides a comprehensive and insightful summary of the gathered information, effectively synthesizing key points.</p> <p>d. Conclusion and Reflection (05 points) Offers a thoughtful and insightful reflection on personal learning outcomes from the project, demonstrating a deep understanding of the topic.</p> <p>e. Posters (10 points) Designs visually appealing posters with actionable tips that effectively communicate strategies for achieving goals.</p> <p>f. Overall Presentation (10 points) Delivers a polished presentation that engages the audience, demonstrating confidence, clarity, and professionalism Last Date : 20 June 2024</p>
2	Mathematics	<p>1. Write the history of Probability and contributions of great Mathematicians in developing the theory of probability.</p> <p>2. Discuss some real-life applications of probability.</p> <p>3. Solve the case based questions uploaded in the google classroom.</p>
3	Physics	<p>1) Work sheet on Electric Charges and fields. Worksheet posted in google class room.</p> <p>2) Investigatory project. Details are posted in google class room.</p>
4	Chemistry	<p><b>Topics:</b> 1) INVESTIGATORY PROJECT (rough draft).</p> <p>Directions: Min. number of pages: 10 (excluding cover page, certificate page, acknowledgement, bibliography)</p> <p>2) Record work: Salt analysis of 6 given salts in the record note book. (NH<sub>4</sub>Cl, Pb(NO<sub>3</sub>)<sub>2</sub>, Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>, ZnCO<sub>3</sub>, Ba(NO<sub>3</sub>)<sub>2</sub>, SrCl<sub>2</sub>)</p> <p>3) Solve the worksheet posted in the Google class room.</p>
		<p><b>Learning objectives:</b> Students will be able to design and carry out scientific experiments as well as accurately record and analyse the results of such experiments.</p>

		<b>Rubrics:</b> Creativity: 5 marks Content: 5 marks Presentation: 5 marks
		<b>•Date of submission: 14th June 2024.</b>
5	Business Studies	Business Studies Project Work refer Google Classroom for further details
6	Accountancy	<p>Students should complete the following class XII Accountancy project. 1. Specific project I – Accounting Ratios of allotted company to students (Refer Google classroom for the companies allotted). Specific project I – Accounting Ratios of allotted company to students.</p> <p>1 “Specific project I – Accounting Ratios”  2 Write accounting ratios – meaning, objectives, advantages and limitations, types of ratios.  3 Introduction of the company &amp; company profile 1-2 page(s).  4 ..... (Company) Statement of Profit &amp; Loss (Print out)  5 ..... (Company) Balance sheet (Print out) <b>(Refer Google classroom for the companies allotted and for further details).</b></p>
7	Applied Maths	<p>1. Write the history of Probability and contributions of great Mathematicians in developing the theory of probability.</p> <p>2. Discuss some real-life applications of probability.</p> <p>3. Solve the case based questions uploaded in the google classroom.</p>
8	Entrepreneurship	<p><b>General Instructions:</b>  The activity to be completed by each student during the vacations itself.</p> <p><b>PROJECT WORK</b>  Students started working on Entrepreneurship project on market survey which they are supposed to prepare as per CBSE curriculum guidelines (2023-24) and for reference a sample copy has been forwarded in what's app group.</p> <p>(i) The file carries a weightage of 10 marks in the final exam.  (ii) The project must be neat and well-presented and must be completely handwritten.  (iii) No whiteners to be used or written matter to be crossed out. In case of any mistakes, redo the sheet.</p> <p>The total length of the project will be of 30 to 35 pages.</p>
9	Computer Science	<p><b>Python and My SQL Connectivity Project Work</b></p> <p>The aim of the project is to create something that is tangible and useful using Python and My SQL connectivity with Insert, Update, Delete, Search and Display Operations. The aim here's to find a real world problem that is worthwhile to solve.</p> <p><b>For Example:</b> Database Name: School, Table Name: Student</p> <p><b>Table Attributes:</b>  adm_no int NOT NULL Primary Key  name varchar(32) NOT NULL  class int NOT NULL  mobile_no varchar(10) NOT NULL  email_id varchar(32) NOT NULL</p> <p><b>Required Operations:</b>  Insert : To insert a new record in to the Student table  Update : To update an existing record based on the adm_no  Delete : To delete an existing record based on the adm_no  Search : To search for a particular record based on the adm_no  Display : To display all the records</p> <p>Upload the Project Documentation Word File, PDF File and .py file in Google Classroom</p>
10	Legal Studies	<p>Students should do the homework on writ jurisdiction and explain about it</p> <p>how many of it are there in Constitution should do research on writ jurisdiction</p> <p>with related case laws for the above writs in the Constitution.</p>

11	Home Science	<p>TOPIC: A market survey of any five processed foods, their packaging, and label information.</p> <p>Purpose of the Project: It is intended to familiarize students with the variety of processed foods available in the market, create awareness about the different types of packaging materials for processed foods and to generate interest in the study of label information.</p> <p>A) Visit a market and collect information on the following: Cereal Foods like Breakfast foods, noodles, Atta, etc. Diary Products: Milk, Cheese, Butter, Ghee, Ice –Cream etc. Preserves: Jams, Pickles, squashes, ketchup, sauces etc. Snacks: Chips, Bhujias, Biscuits etc. Nutrition Supplements: Complan, Bournvita, Horlicks, Milo, Boost and other branded Products Beverages: fruit juices, carbonated soft drinks, bottled water</p> <p>NOTE: FIVE PRODUCTS IN EACH CATEGORY GIVEN ABOVE.</p> <p>(B) Note the Packaging material used for these products.</p> <p>I. Make a table comparing the types of Packaging materials used for different types of food.</p> <p>Name of the Product: Packaging Material Used: Date of Packaging: Best before date: Nutritional Value: Remarks if any:</p> <p>III. THE ABOVE PROJECT NEEDS TO BE MADE IN A PORTFOLIO STYLE. (ONE IDEA IS REPRESENTED HERE.)</p> <p>IV. <a href="https://www.youtube.com/watch?v=lnhtm_50Ou4">https://www.youtube.com/watch?v=lnhtm_50Ou4</a></p> <p>RUBRICS FOR ASSESSMENT OF HOLIDAY HOMEWORK:</p> <ol style="list-style-type: none"> <li>1. Selection of the Processed Food Products in each category. (5 in each category mandatory) 2.5 marks</li> <li>2. Filling up all the information in tabular format. 4 marks</li> <li>3. Analysing the Merits and Demerit 2 marks</li> <li>4. Creativity, Neatness, and Authentication (Picture showing that you are doing this study in school uniform.) 1 mark</li> <li>5. Submission On time 0.5 mark</li> </ol> <p>Total Marks: 10 marks</p> <p>INSTRUCTIONS:</p> <ol style="list-style-type: none"> <li>1. Authentication (Photograph) mandatory</li> <li>2. Maximum Number of colored Ruled A4 size paper is 20 pages.</li> <li>3. Neat Work and Submission on Time</li> <li>4. The holiday homework needs to be submitted on the school Re-Opening Day itself after the Summer Vacation.</li> </ol>
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## Guidelines for Project Work in Economics (Class XII)

**The objectives of the project work are to enable learners to:**

- probe deeper into theoretical concepts learnt in class XII
- analyse and evaluate real world economic scenarios using theoretical constructs and demonstrate the learning of economic theory
- follow up aspects of economics in which learners have interest, develop the communication skills to argue logically

**The expectations of the project work are that:**

- learners will complete only ONE project (ONE TOPIC) in the academic session
- project should be of 4,500-5,000 words (excluding pictures, diagrams & graphs), only hand-written

**Scope of the project:**

- Learners may work upon the following lines as a suggested flow chart:
- Choose a title/topic
- Collection of the research material/data Organization of material/data
- Present material/data
- Analysing the material/data for conclusion
- Draw the relevant conclusion
- Presentation of the Project Work

**Expected Checklist by the students:**

- Introduction of topic/title
- Details of the topic
- Impact on the Indian economy
- Advantages/Pros of the economic event or happening
- Disadvantages/Cons of the economics event or happening
- Major criticism related to the topic if any
- Government steps or initiative
- Data analysis if any
- Social Media buzz
- Media coverage (Articles in print media)
- Students' own views or perceptions or opinion from the learning or the work
- Identifying the causes, consequences and/or Remedies of various stakeholders and effect on each of them
- Advantages and disadvantages of situations or issues identified
- Short-term and long-term implications of economic strategies suggested in the course
- Validity, reliability, appropriateness and relevance of data used for presentation in the project file
- Presentation and writing that is succinct and coherent in project file
- Final spiral binding
- Conclusion
- Citation of the materials referred to, in the file in footnotes, resources section, bibliography etc.

Marking Scheme : Marks are suggested to be given as –

S.No.	Heading	Total : 20M
1.	Relevance of the topic	(3M)
2.	Knowledge Content/Research Work	(6M)
3.	Presentation Technique	(3M)
4.	Viva-Voce	(8M)

**Suggestive List of Projects :**

- Micro and Small Scale Industries in India (Compare Telangana with Maharashtra)
- Food Supply Channel in India
- Contemporary Employment situation in India
- Disinvestment policy of the government
- Goods and Services Tax Act and its Impact on GDP
- Health Expenditure (of any two states)
- Human Development Index
- Inclusive Growth Strategy
- Self-help group of any two states in India
- Trends in Credit availability in India
- Monetary policy committee and its functions
- Role of RBI in Control of Credit
- Government Budget & its Components
- Trends in budgetary condition of India
- Exchange Rate determination – Methods and Techniques
- Currency War – reasons and repercussions
- Livestock – Backbone of Rural India
- Alternate fuel – types and importance
- Sarva Shiksha Abhiyan – Cost Ratio Benefits
- Golden Quadrilateral- Cost ratio benefit
- Minimum Support Prices and their relation with the primary sector
- Relation between Stock Price Index and Economic Health of Nation

13	Physical Education	<b>Project I</b>
		One of your classmates suffers breathing problems and therefore is unable to take active part in sports. You have understood that certain Yoga asanas combined with Pranayama can relieve his condition and rejuvenate him.
		Present a project on such asana and pranayama combinations that can be helpful to all those suffering with similar problems with relevant pictures, step by step instructions and the benefits of these asanas.
		<b>Project II</b>
		Your school is organising a 'Run for specific cause' and you have been made in-charge of planning and the proper conduct of the event.
		Compile the responsibilities of accreditation, technical and finance committees.
		<b>GUIDELINES</b>
		Ø Both the projects are compulsory. Each carries 5marks.
		Ø Use A4 size sheets only.
		Ø The project could be in 15 – 20 pages(Max)
		Ø The project could be in 15 – 20 pages(Max)
		Ø Must be hand written only
		Ø Must include a creative cover page and Index.
		Ø Hard copies in File/Folders
		<b>Innovation and Creativity also carries mark</b>
14	Psychology	In view of the case study orientation, students have to work on the topic given to them towards the theoretical research for further assessment and outcomes
		Students will be involved in collecting the information from the resources available such as looking into reference books, study signs, risk factors, research work, paper articles, symptomology, treatment methodology and its effectiveness.
		GUIDELINES, CHECKLIST AND NAME OF THE TOPICS FOR THE STUDENTS ARE ALL SHARED IN THE GOOGLE CLASSROOM. STUDENTS ARE REQUESTED TO CHECK IT FOR FURTHER DETAILS.

15	Sociology	<p><b>PROJECT WORK :</b> The project must involve actual first-hand research done by each student from any one of the following topic: 1.Modern electronic gadgets and their impact on family life.</p> <p>2. Language and Regional Identity: The role of language in shaping regional identities and cultural diversity among teenagers in India</p> <p>3. Mental health and it's ignorance in India: Impact on societal productivity and economic growth.</p> <p>3. Role Stereotyping in present Indian society</p> <p>4. Impact of Modernization: Indian society and Youth</p> <p>5. Family Dynamics and Generation Gap: The dynamics of intergenerational relationships and conflicts within Indian families, exploring differences in values, attitudes, and communication styles between parents and teenagers.</p> <p>6. The impact of poverty raising the vulnerability of affected social and economical communities.</p> <p>• <b>PREPARATION AND SUBMISSION OF PROJECT REPORT :</b></p> <ul style="list-style-type: none"> <li>• Each student will prepare and submit her/his project report.</li> <li>• Each report must fulfill the following requirements: <ul style="list-style-type: none"> <li>• 1. The body of the Project Report will be of approximately 30-45 pages excluding additional appendices, questionnaires etc.</li> <li>• 2. The project report will be written in the student's own hand, though they may include other illustrative material that is not hand - written</li> <li>• 3. The project report will contain the following matter: Subheadings <ul style="list-style-type: none"> <li>a) Cover page - Showing project title, student's information, school and session.</li> <li>b) Acknowledgements and preface(people who have helped)</li> <li>c) List of contents/ Index</li> <li>d) Introduction.</li> <li>e) Rationale (Statement of Purpose) - The reason for the choice of the subject and its social significance.( For Indian society, Other society and you.</li> <li>f) Advantages and disadvantages of situations or issues identified.</li> <li>g) Hypothesis – Tentative solution .</li> <li>h) Methodology I Technique - Mention the methodology e.g. questionnaire, case study, The students may use any method which is appropriate for the topic selected. Detailed steps and procedures adopted must be given.</li> <li>i) Presentation of evidence - There must be a major section formally presenting the evidence gathered as a part of the project. This can be in the form of tables, extracts from interviews, reports on case studies or discussion of documentary data (newspapers, articles, magazines, diaries, photographs). However, there should be value addition by the student and it must not be a simple reproduction of the original material.</li> <li>j) Analysis of evidence.</li> <li>k) Conclusions - Each project should summarize its conclusions in a separate section. This can be brief</li> <li>l) Bibliography/ Appendix or other supporting material - This should include the references to relevant books and other sources used for the study. The appendix will include questionnaires, list of the interviews, documents or another material used in the study, if any.</li> </ul> </li> </ul> </li> </ul>
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16	Political Science	<p>1. TOPICS FOR PROJECT</p> <ol style="list-style-type: none"> <li>1. NAM- 1961 to present times.</li> <li>2. Division of Germany with special focus on the construction and dismantling of the Berlin Wall.</li> <li>3. CIS-Central Asian Republics</li> <li>4. Disintegration of USSR with special focus on Gorbachev.</li> <li>5. Arab Spring</li> <li>6. Cover the negative as well as positive aspects of relationship between India and the following countries.</li> </ol> <p>Focus on any one of the following (current updates should be highlighted):</p> <ol style="list-style-type: none"> <li>a) Relationship between India and Russia</li> <li>b) Relationship between India and China</li> <li>c) Relationship between India and Pakistan</li> <li>d) Relationship between India and Bangladesh</li> </ol> <ol style="list-style-type: none"> <li>7. ASEAN</li> <li>8. European Union and BREXIT</li> <li>9. BRICS</li> <li>10. SAARC</li> <li>11. India's Nuclear Policy</li> <li>12. United Nations with focus on India's candidature in Security Council.</li> <li>13. UN Agencies – UNICEF, UNESCO, WHO</li> <li>14. Pandemics: Covid 19- Its global impact (focus on worldwide cooperation and preparedness along with controversies (please collect newspaper clippings for the same)</li> <li>15. Partition of India-Theory behind it and its legacy</li> <li>16. Comparison between NITI AAYOG and Planning Commission and their contribution in India's Development.</li> <li>17. Election 2019- Rise of BJP and Downfall of Congress (1989-2019).</li> <li>18. Emergency – A blot on Indian Democracy</li> <li>19. NDA III and NDA IV – Social and Economic welfare programmes</li> </ol> <p>Guidelines for Project</p> <p>Introduction</p> <p>Statement of Purpose/Need and Objective of the Study, Hypothesis/Research Question, Review of Literature, Presentation of Evidence, Key Words, Methodology, Questionnaire, Data Collection.</p> <p>Significance and relevance of the topic; challenges encountered while conducting the research.</p> <p>NO. OF PAGES 30- 40</p> <p>Students are supposed to complete 1st draft of Project work during holidays which includes:</p> <ol style="list-style-type: none"> <li>1. INTRODUCTION 2M</li> <li>2. CONTENTS 3M</li> <li>3. PRESENTATION 3M</li> <li>4. CONCLUSION 1M</li> <li>5. BIBLIOGRAPHY 1M</li> <li>6. VIVA-VOCE 10M</li> </ol> <p><b><u>ACTIVITY 2. SURVEY BASED</u></b></p> <p>TOPIC – AWARENESS ON IMPORTANCE OF CASTING THE VOTE IN A DEMOCRATIC NATION BY CITIZENS</p> <p>PROCEDURE - SURVEY TO BE CARRIED ON 5 TO 10 PEOPLE , WITH THE HELP OF QUESTIONNAIRE S BEFORE AND AFTER LOKSABHA ELECTIONS IN INDIA.</p> <p>ANALYSE WITH THE HELP OF DATA COLLECTED .</p> <p>USE PIECHARTS / BARGRAPHS WHILE ANALYSING THE DATA</p> <p>CONCLUSION SHOULD BE CLEARLY WRITTEN FOCUSING ON LEARNING OUTCOME</p>
17	Biology	<ol style="list-style-type: none"> <li>1. Investigatory Project : Complete IP work with research work and proof along with pics .</li> <li>2. Complete biology practical record .</li> <li>3. Complete work sheets of chapters 2 and 3.</li> </ol>