



HANSRAJ MODEL SCHOOL



Senior Secondary Department

Class XI (2025-26)

Holidays Homework

S.NO.	SUBJECT	Holidays Homework
1	ACCOUNTANCY	HOLIDAYS HOME WORK CLASS XI ACCOUNTANCY TITLE: Green Accounting Choose 2-3 companies with green initiatives like IKEA. Analyse their sustainability reports and assess how their efforts are reflected in their accounting practices. Make a written report of 15-20 pages with relevant content and data, supported by pictures how they are helping in this field. It can be presented in the form of PPT also. Revise the chapters done in the class and do the questions from the chapters in your note book.
2	BIOLOGY	<p>1. We have completed chapter -Cell -The Unit of Life,Cell Cycle, Structural Organisation of organisms. Try to frame HOTS and competency based questions (with graphs, paragraph or table or data)that involves application of knowledge.</p> <p>2. Skill based-practice all the diagrams of chapters we have covered. Draw neat and well labelled diagrams in your class work copy date wise. Diagrams should be properly drawn with sharp pencil.</p> <p>3. Knowledge and understanding-complete all the assignment shared in your class work copy. Complete all the notes of the chapters.</p> <p>4. Prepare a video to explain any one topic from the chapters of your choice.</p>

		5.Keep yourself motivated,learn time management,and devote your 100%. Nothing is impossible you can achieve anything with your sincere efforts.
3	BUSINESS STUDIES	<p>HOLIDAY HOMEWORK CLASS XI BUSINESS STUDIES</p> <p>Prepare a scrap file using waste/ recycled paper on five selected companies. The project should include the following information for each company:</p> <ol style="list-style-type: none"> 1. Tagline 2. Logo (hand-drawn or printed) 3. Current CEO 4. Corporate Social Responsibility (CSR): <p>Analyze and summarize the company's key CSR initiatives and contributions over the past five years.</p> <p>Ensure your project is neat, well-organized, and contributions of organisations over the past five years towards CSR.</p> <p>Ensure your project is creatively presented, with proper use of recycled materials.</p> <p>Revise the chapters done in the class.</p>
4	CHEMISTRY	<p>Part 1 : Survey: Green Future : Living Green , Sustainable tomorrow</p> <p> Objective:</p> <p>To assess awareness and adoption of eco-friendly alternatives inspired by green chemistry principles in daily household practices.</p> <p> Instructions for Submission:</p>

		<ul style="list-style-type: none"> Complete the survey given below with your 5 neighbours, analyze the responses, and submit the document by [Insert Date]. For completing the survey you will Create a digital version of this survey using Google Forms. Share the link with the people who are involved in the survey, collect responses, and analyze the data. Submit a summary report by [10.7.2025]. <p> Survey Questionnaire: https://docs.google.com/document/d/1s3HUTVGGH1c3FRzeE7oDKQFHkEAgTPO5UfL-uVWa5Zs/edit?usp=sharing</p> <p>Use this link to find the survey questions</p> <p> Conclusion:</p> <p>Based on the survey responses, summarize the key findings, such as:</p> <ul style="list-style-type: none"> Awareness Levels: Percentage of participants aware of green chemistry. Adoption Rates: Common eco-friendly practices adopted at home. Barriers: Main challenges faced in adopting green alternatives. Willingness to Change: Openness to replacing chemical products with eco-friendly options. <p>Part 2 : Revise the syllabus covered in the month of April and May in chemistry. Read all the chapters thoroughly and complete all the notes and back exercise.</p>
5	COMPUTER SCIENCE	1. Design a digital poster on the topic “Impact of digital

		<p>Technologies on Health” using canava or any other software</p> <p>2. Complete Theory Assignment 1 and Chapter 5 NCERT BOOK questions in class register.</p> <p>3. Complete Practical Assignment 1 and 2</p>
6	ECONOMICS	<p>Theme - GREEN FUTURE.. LIVING GREEN.SUSTAINABLE TOMORROW</p> <p>*</p> <p>"Going green is not a trend, it's a lifestyle for a better future."*</p> <p>CLASS XI</p> <p>1. Create Short Video (2-3 minutes) Highlight local issues and how they connect to global SDG goals.</p> <p>Include Action steps students can take.</p> <p>2. Revise all the topics thoroughly done in class.</p>
7	ENGINEERING GRAPHICS	<p>Nurturing minds- Integrated project on Rectilinear Figures</p> <p>Note: Use hand made/cartridge sheets for the project work</p> <p>1. On the first page write your Name, Class, Roll No. Give title Art integrated project on Rectilinear Figures</p> <p>2. Cut following shapes from paper/ thick sheet (i) Equilateral triangle (angle 60 degree)</p>

		<p>(ii) Square (angle 90 degree) (iii) Pentagon (angle 108 degree) (iv) Hexagon (angle 120 degree) (v) Circle</p> <p>3. Use your own creativity to create a beautiful pattern by pasting all shapes on a sheet. Can use different colors and multiple figures to enhance the effect. Use A3 size sheet / sketch file sheet</p> <p>Note: Revise the syllabus covered during the months of April and May. Read all the chapters thoroughly.</p>
8	ENGLISH	<p>Class XI</p> <p>English (HHW)</p> <p>* Write an Article / poem or make a cartoon script / crossword on the topic ' Green Future : Living Green, Sustainable Tomorrow ' OR "War embodies conflict, destruction and loss, while peace signifies harmony, cooperation and tranquility." * Revise all the chapters / topics covered in the class .</p>
	GEOGRAPHY	<p>Section 1: Map Work from CBSE Curriculum 2025-26 list of physical features 1. Locate and label the following map items on the Outline Political World Map: Chapter4..Distribution of Oceans and Continents</p> <p>Chapter9.. Major Hot Deserts of the World</p> <p>Chapter12.. Major Seas</p> <p>Chapter14.. Biodiversity</p>

		<p>and Conservation</p> <p>2. Map items for locating and labelling on the Outline Political Map of India :</p> <p>Chapter2.. Structure and Physiography</p> <p>Chapter3.. Drainage System</p> <p>Chapter5... Wildlifes Reserves and Sancturies</p> <p>Section 2: Natural Disaster Synopsis</p> <p>Choose one of the following natural disasters that has affected some specific regions in India:</p> <ol style="list-style-type: none"> 1. Earthquakes 2. Floods 3. Cyclones 4. Landslides in hilly regions <p>Research and write a comprehensive synopsis covering:</p> <ol style="list-style-type: none"> 1. Introduction to natural disaster ,specific examples of affected regions in India 2. Causes 3. Impact on lives, infrastructure, and environment 4. Mitigation measures: <ul style="list-style-type: none"> . Sustainable land use practices . Early warning systems . Effectiveness of these measures . Suggestions for improvement <p>Submission Guidelines</p> <ol style="list-style-type: none"> 1. Map work should be neatly done on a political map 2. Synopsis should be handwritten or typed (font: Arial/Calibri, size: 12). 3. Include images, diagrams, or charts to support your work. <p>Have a great break, and happy learning!</p>
10	HOME SCIENCE	<p>SDG 3: Good health and well-being</p> <p>Task 1: Develop a healthy snack recipe book including five recipes with nutritional information and cooking methods.</p> <p>Task 2: Design a pamphlet on essential life skills such as time management, stress management etc. (Choose any one topic, size-A-5).</p>

		<p>SDG 5: Gender equality Task 3: Create a poster on A-3 sheet highlighting women empowerment and gender equality.</p> <p>SDG 12: Responsible consumption and production Task 4: Develop a sustainable fashion outfit using eco-friendly fabrics, upcycled materials or repurposed textiles on A-3 sheet.</p> <p>SDG 13: Climate action Task 5: Make a short video of duration 2 minutes raising awareness about climate change, its causes and its effects.</p>
11	INFORMATICS PRACTICES	<ol style="list-style-type: none"> 1. Observe and list 5 examples of AI in daily life. For each, write legibly 2-3 sentences on a coloured drawing sheet explaining How AI is involved. 2. Using any free AI Art generator tool like Craiyon, DeepAI, Bing Image Creator, Canva, Adobe Express etc. , Create a poster/art to depict your “healthy habit” with 1-2 more pictures. (Hint: Use descriptive prompts in AI to get the results) Write a short caption to go with your art work. Finally, Combine your AI art and caption in a Poster (digital or on paper) OR a 1-slide presentation. 3. Practice questions from Practical Assignment 1 and 2 and write the source code of Assignment 2 in classwork copy.
12	MATHEMATICS	<p>One of the most important skills that students need to develop in Mathematics is the ability to solve problems. Let them learn in a creative and interesting way.</p> <p>1.MATHOMAZE:</p>

		<p>Mazes are the perfect tool for helping students learn how to break down a problem into smaller pieces and then find a solution. Create a colourful maze game (use of software is allowed) on the Topic Relations and functions . Submit the printout of the same in the folder. An example maze is given:</p> <p>2. Select one sport of your choice. Make the team of the sport by selecting players. Write the following sets for the team:</p> <ul style="list-style-type: none"> (i) players in the team. (ii) extra player allowed in the team (iii) type of players, eg in cricket batsman etc. (iv) International tournaments (v) Other tournaments (vi) Popular in the countries. <p>Write the pair of equivalent sets and equal sets (if any).</p> <p>3. Make a cover of the activity file using different geometric figures.</p>
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13	PHYSICAL EDUCATION	<p>HANSRAJ MODEL SCHOOL, PUNJABI BAGH</p> <p>SUMMER HOLIDAY HOME WORK</p> <p>CLASS XI - 2025-26</p> <p>THEME: GREEN FUTURE</p> <p>a) Green Fitness Plan:</p> <ul style="list-style-type: none"> • Design an eco-friendly weekly plan, include outdoor activities that

		<p>promote health and reduce carbon footprint (e.g. jogging in parks, cycling, yoga in nature)</p> <ul style="list-style-type: none"> • Emphasize using minimal equipment and natural surroundings. • Create a chart or presentation (digital or handmade) <p>b) Revise all topics thoroughly done in class</p> <p>PRACTICAL PART-XI</p> <p>PRACTICAL FILE-----</p> <p>1. Write down the purpose, administration, and scoring of Khelo India Test Batteries in your Physical Education Practical File:-</p> <p>Age Group 9-18 Years</p> <ul style="list-style-type: none"> a) 50 Mtr Dash b) 600 Mtr Run/Walk c) Sit and Reach Test d) Abdominal Partial Curl Up Test
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14	PHYSICS	<p>Theme : Green future: Living green ,sustainable tomorrow</p> <p>1)Physics has been instrumental in responding to critical societal challenges and improving the quality of life worldwide .As we move towards an uncertain future we aim to provide sustainable development .</p> <p>Students will do research work on the allotted topics. Make a PPT of minimum 15 slides and also prepare a project report of the same.</p> <p>The project file has to be made on A-4 coloured sheets on the topic allotted.</p> <p>Present the information in illustration/ pictorial manner</p> <p>Topics</p> <p>Roll no 1 to 10</p> <p>Explore the use of photonics as a sustainable technology in providing energy friendly applications such as solar energy optical communication</p> <p>Roll no 11 to. 20</p> <p>Green solar fuels hydrogen and ammonia keeping in mind the unpredictable availability of renewable energy sources and to provide a carbon free alternative to fossil fuels green solar fuel is the answer green hydrogen protection is an expensive process but ammonia is interesting alternative explore the varied use of ammonia is a green energy few</p>

		<p>Roll no 21 to 30 Energy consumption due to lighting has been radically reduced due to the use of blue light emitting LED (light emitting diode for which Nobel prize was awarded in 1920 explore the use of leds and effects of its large scale usage in high income and low income countries. Give details of working of LED.</p> <p>Roll no 31 to 40 Explore the contributions of different parts of the electromagnetic spectrum in the healthcare system .</p> <p>Roll no 41 to 50 Tunable LED systems can address hunger by improving plant yield in poor production sites . Food production can also benefit from remote sensing and imaging of crops</p> <p>2) Students are expected to revise chapters Units and Measurement and Motion in a straight line and complete the assignments given in their notebook 3) Make concept map of the chapter Motion in a straight line</p>
15	POLITICAL SCIENCE	<ol style="list-style-type: none"> Make the report on Indian Election 2024. <ul style="list-style-type: none"> Use A4 size sheet Highlight the role of election commission Describe the various political parties participated in elections Mention the result of the election Read and revise the chapters taught in the class. Make collage on the sources of Indian Constitution. <ul style="list-style-type: none"> Use A3 size sheet Paste flags with the name of the country. Highlight the provision or article taken from the countries.

16	PSYCHOLOGY	<p>1. Develop a one page newsletter describing Why do I need to study psychology? What fascinates me about the subject ?These have to be hand made in the A-3 size colored sheet.Use your creative skills to design them. SDG-Quality education</p> <p>2. PROJECT WORK- Adolescents of today are undergoing a stage of stress and storm.The impact of social media is powerful in this aspect . Research and document for the same {research work like finding articles from newspapers,magazines etc,online research articles}. Present the collected information in a journal form using sheets of size A-4.A minimum of four sheets have to be presented in the journal. SDG-Gender equality Good health and well being</p> <p>3. Study about the life and work done by the following psychologists and record in sheets of size A4...Paste pictures of the psychologist and the related research.Then make a crossword puzzle out of the above information.</p> <ol style="list-style-type: none"> 1) Sigmund Freud 2) Ivan Pavlov 3) B.F.Skinner 4) Carl Jung 5) Vygotsky <p>SDG-Gender equality</p>
17	PAINTING	<p><i>Theme: Green future: living green, sustainable tomorrow.</i></p> <p><u><i>Sculpture/Paper Mache</i></u> Create a 3D Sculpture using eco-friendly material, such as recycled paper, clay or natural fiber to represent a sustainable concept.</p>
18	TOURISM	<p>1.Design a Poster promoting tourism in Delhi</p> <p>Poster should include images, information,</p>

		<p>advertisement and promotion of union territory Delhi.</p> <p>2 Design a Digital Brochure of a restaurant and mention nutrient facts along side.</p> <p>Brochure should be made with using waste Stationary items. Keep it informative,creative and attractive.</p> <p>Revise the chapters done in class th</p>
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