

HANSRAJ MODEL SCHOOL

Senior Secondary Department

Class XI (2024-25)

HOLIDAYS HOMEWORK

S.NO.	SUBJECT	Homework
1	ACCOUNTANCY	<p>1.prepare an accountancy ladder showing accounting process.</p> <p>2.MENTAL-O -ACCOUNTING Make a crossword puzzle depicting basic terms used in Accounting(atleast 12 terms including 2 on mental health)</p> <p>3 . Collect various kinds of source documents and make a collage showing their use. Also prepare a PPT on the same individually or in a group.</p>
2	BIOLOGY	<p>1. We have completed chapter -Living world, Biological classification,cell , Breathing and exchange of gases and Biomolecules (not yet over). 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> <p>5.Keep yourself motivated,learn time management,and devote your 100%. Nothing is impossible you can achieve anything with your sincere efforts.</p>

3	BUSINESS STUDIES	<p>HOLIDAY HOMEWORK BUSINESS STUDIES XI</p> <p>1-Prepare a crossword puzzle on classification of different types of industries. 2-Prepare a colourful mind map on different forms of business organisations. 3-Collect TAGLINE,LOGOS AND CEO OF 10 Companies and paste them in scrap file.</p>
4	CHEMISTRY	<p>1. Carry out research work on chemicals called 'Happy hormones' and make any one of the following (Group activity - max 4 students in a group) :</p> <p>a) A power point presentation with at least 10 slides to explain their importance for Mental health and well being.</p> <p>b) A poster based on exercises that help to boost mental and emotional well being</p> <p>c) An e book(containing at least 10 pages) on hacking happy hormones for boosting mental health .</p> <p>d) infographics to show role of these chemicals for mental health and well being as well as activities to boost production of these chemicals in body</p> <p>2. Use the given hyperdoc https://docs.google.com/document/d/1T_0c2Hb3itc9ynJK7LOoRvFWM8x1A_IMRttY7ytMSe4/edit to write experiments in the same order in chemistry file and frame 5 Viva questions -answers from each video.</p>
5	COMPUTER SCIENCE	<p>1. Design a digital poster on the topic "Impact of digital Technologies on Health" using canava or any other software</p> <p>2. Complete Theory Assignment 1 and</p>

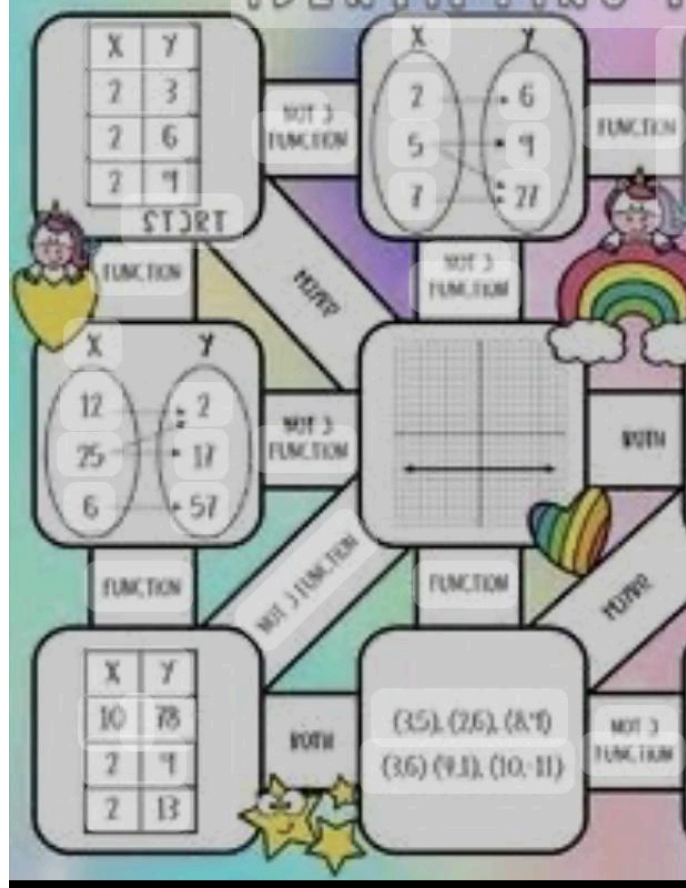
		<p>Chapter 5 NCERT BOOK questions in class register.</p> <p>3. Complete Practical Assignment 1</p>
6	ECONOMICS	<p>1. Flash cards/animation/ Comic strips explaining the important terms in Economics eg Scarcity, statistical enquiry, Demand etc.</p> <p>2. TOPIC- *Impact of global recession on mental health of the youth and economy highlighting its remedies. Present the topic through Microsoft Sway or any other form of Presentation.</p>
7	ENGINEERING GRAPHICS	<p>Nurturing minds- Integrated project on Rectilinear Figures</p> <ol style="list-style-type: none"> 1. On the first page write your Name, Class, Roll No. Give title Art integrated project on Rectilinear Figures 2. Cut following shapes from paper/ thick sheet <ol style="list-style-type: none"> (i) Equilateral triangle (angle 60 degree) (ii) Square (angle 90 degree) (iii) Pentagon (angle 108 degree) (iv) Hexagon (angle 120 degree) (v) Circle 3. Write briefly how model cutting of different polygons strengthen your concepts of different shapes. <p>NOTE : 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. Keep a hard copy of this project ready and also create a soft copy by taking pics of each sheet and model.</p>

		<p>Use A3 size sheet / sketch file sheet</p> <p>Note : Date of submission : 10.7. 24</p>
8	English	<p>1) Write an Article / self composed poem / poster / collage / self made quotes / memes / crossword or cartoon script on the topic ' THE PATH OF EMPOWERED BEING ' .</p> <p>2) Read ' The Summer of a Beautiful White Horse ' and write a similar anecdote from your childhood in 150- 200 words.</p> <p>3) Make a wordle describing your Mother / Grandmother .</p>
9	GEOGRAPHY	<ol style="list-style-type: none"> 1. Prepare world maps as per the map list given in the CBSE Curriculum 2024-25. 2. Prepare maps of India showing the mountain ranges and major rivers of the country. This should be done separately. 3. 'Disasters can't be prevented, but their impacts could be mitigated by careful planning and implementation of measures to save life and structures.' Keeping above in mind, prepare a project to show the impact of any natural disaster on the environment and human life. Also suggest measures to mitigate the impact of the specific calamity.
10	HOME SCIENCE	<ol style="list-style-type: none"> 1. "Nutrition Detective"- Choose a common health issue or concern (like obesity, diabetes, or heart disease) and investigate how diet and nutrition play a role in its prevention or management. You can research scientific studies, interview professionals in the field, and analyze dietary patterns and nutritional content. Create an interactive presentation or a digital infographic summarizing their findings and providing practical tips for maintaining a healthy diet. 2. "Healthy Eating Around the World"? Choose a country or region and explore its traditional cuisine, focusing on the nutritional aspects and cultural significance of the dishes. Research on typical

		<p>ingredients, cooking methods, and mealtime customs, as well as the health benefits associated with the local diet. Create a cookbook featuring healthy recipes inspired by their chosen culture, along with interesting facts and anecdotes about the culinary traditions.</p>
11	INFORMATICS PRACTICES	<p>Task 1 : Complete the Practical Assignment worksheet.</p> <p>You can access Assignment worksheet via the following link:</p> <p>https://drive.google.com/file/d/1g0inmdD71awMXtGTxfx7_-m_XmXzeOUM/view?usp=sharing</p> <p>Task 2 : Complete the Theory assignment(based on data types and variables) in CW Note copy.</p> <p>Task 3: Prepare a Digital Poster/Sway/PPT on 'How is blockchain used in Mental wellness and health care? (Refer Chapter "Emerging Trends' of NCERT Book)</p> <p>Submit the Poster/ Sway / PPT online as an attachment / Link latest by 26.06.2024 in the Informatics Practices channel of class XI 2024 team.</p>
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: 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>

NAME: _____

IDENTIFYING F



2. Select one sport of your choice. Make the team of the sport by selecting players. Write the following sets for the team:
- (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. Write the following information in the form of a set on the first page of the activity file(after index).</p> <ol style="list-style-type: none"> 1. Name of figures used 2. No of each figure used. 3 Total no of figures used. <p>Name these Sets and write their number of elements.</p> <p>4. Write all the Maths Lab Activities (in maths lab file) given in the link : https://docs.google.com/document/d/1d5E0R_TkYjAy2ZwdyB6ixZG5qz_VvLCJK66JYAE2SSs/edit</p>
13	PHYSICAL EDUCATION	<ol style="list-style-type: none"> 1. Prepare one PPT/ POSTER/ ANIMATION/ VIDEO/ CROSSWORD/ POEM on the Topic <ul style="list-style-type: none"> ● How Physical Education helps in development of Mental Health of an individual through its objectives and other Programs* . 2. Write All fitness test batteries of KHELO INDIA in practical file with pictures.
14	PHYSICS	<p>HOLIDAY HOMEWORK</p> <p>CLASS XI (PHYSICS) 2024</p> <ol style="list-style-type: none"> 1. The nearly 71-year-old Branson and five crewmates from his Virgin Galactic space-

		<p>tourism company reached an altitude of 53.5 miles (86 kilometers) over the New Mexico desert — enough to experience three to four minutes of weightlessness and witness the curvature of the Earth — and then glided back home to a runway on 11 July 2021</p> <p>Give scientific basis for your opinion on 'Should space tourism be encouraged'</p> <p>2. Find answers to the following curious questions</p> <p>a) The casing of a rocket in flight bums up due to friction. At whose expense is the heat energy required for burning obtained? The rocket or the atmosphere?</p> <p>b) Comets move around the sun in highly elliptical orbits. The gravitational force on the comet due to the sun is not normal to the comet's velocity in general. Yet the work done by the gravitational force over every complete orbit of the comet is zero. Why?</p> <p>c) An artificial satellite orbiting the earth in very thin atmosphere loses its energy gradually due to dissipation against atmospheric resistance, however small. Then why does its speed increase progressively as it comes closer and closer to the earth?</p>
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		<p>3. PROJECT</p> <p>Prepare a report on different forms of energy available in the universe.</p> <p>Also mention different devices available to convert energy from one form to another. Mention the reasons for failure of any space shuttle or rocket by studying previous incidents.</p>
15	POLITICAL SCIENCE	<p>HOLIDAYS HOMEWORK</p> <p>CLASS XI</p> <p>POLITICAL SCIENCE</p> <p>(1) WRITTEN ASSIGNMENT :-</p> <p>1. Explain in detail the following fundamental rights (with their Articles)</p> <ul style="list-style-type: none"> ● RIGHT TO EQUALITY ● RIGHT TO LIBERTY AND PERSONAL FREEDOMS ● RIGHT TO FREEDOM OF RELIGION ● RIGHT AGAINST EXPLOITATION ● CULTURAL AND EDUCATIONAL RIGHTS OF MINORITY GROUPS ● RIGHT TO CONSTITUTIONAL REMEDY <p>1. Explain the Directive principles of state policy ?write about their relationship with fundamental rights?</p> <p>2. Which of the fundamental right is in your opinion the most important right ?summarise its provisions and give arguments to show why it is most important.</p> <p>3. Write a short note on fundamental duties.</p> <p>(I) ACTIVITY :-</p> <p>Find out about the articles, parts and schedules of indian constitution</p> <p>1. At the time of independence</p>

		<p>2. In today's scenario</p> <p>READING TASK -</p> <ol style="list-style-type: none"> 1. Read newspapers especially the Editorial page everyday. 2. Read more about Indian constitution.
16	PSYCHOLOGY	<ol style="list-style-type: none"> 1. Prepare a newsletter on problems of adolescents of this gen x. Also suggest some remedies for tackling such issues to help foster Mental Well Being. Size should be A-3 sized and total no of pages should be four . 2. Look for a subject who is a teenager to start the case profile . Find out the background information and draft one interview schedule to find out about the case. 3. Develop mind maps for the Chapter-Learning.
17	PAINTING	<ol style="list-style-type: none"> 1. Visit National museum to study indus Valley Civilization artefacts. 2. Make a comparison report on Greco roman art practice and Gupta art. 3. Practice at least 30 human anatomical studies 4. Visit any art gallery and collect brochures of contemporary art Practices.
18	TOURISM	<p>Make a project describing various factors that attract tourists to a site. Also give examples from India and the world with pictorial representation with each factor.</p>