



G D GOENKA PUBLIC SCHOOL MODEL TOWN

HOLIDAYS HOMEWORK/CLASS XII/2024-25

“You can only manage time if you track it right.”

GUIDELINES:

1. Ensure that Practical file/ Project related work as per CBSE norms should be completed as assigned subject wise.
2. Regular revision and practice of theory chapters should be a part of daily schedule.

S.No.	SUBJECT	HOLIDAYS HOMEWORK
1	ENGLISH	<p>1. ALS Project Work as per CBSE guidelines.</p> <p>Prepare a Project as per the given instructions. The ideas/issues highlighted in the Chapters/ Poems can be developed in the form of a project. Any other contemporary issue too can be explored and taken up for the project.</p> <p>The Project -Portfolio should include the following-</p> <ol style="list-style-type: none">1. Cover Page with the Subject and Title. Student name, School name2.Acknowledgement3. Certificate of Completion4.Statement of Purpose-/ Objectives/Goals5. Action Plan6.Scripts for role play/Questionnaires for interview//Essays/Survey-reports//Poems/Articles/Graphs or other material evidence etc.7. 800-1000 words Report8. Student/Group reflection9. Photographs10. List of Resources/Bibliography <p>Q.2. Attempt the questions from the Assignment Spiral as instructed.</p> <p>Q3. Revise the syllabus done so far.</p>

2	PHYSICS	<p>Do resource book questions of Chapter 3, Chapter 4 in homework register</p> <p>Complete Practical file, Activity file and Investigatory project</p> <p>Art Integrated Activity: Physics Bingo: Think about content, vocabulary, formula and units and prepare Bingo on a sheet featuring fold over flaps to hide the answers.</p>
3	CHEMISTRY	<p>Chapter 1: Solution Chapter 2: Electrochemistry Chapter 3: Chemical kinetics</p> <p>Do all NCERT in text and exercise questions in the homework register. Do resource book questions also.</p> <p>Chemistry Practical: Complete practical activity in file Complete INVESTIGATORY project.</p> <p>Art integrated activity: Visualizing the impact of chemical weapons: students will research tear gas and mustard gas, phosgene focusing on their chemical properties, historical use, and the health effects on humans and. how art can be a tool for advocacy and raising awareness about the consequences of chemical weapons.</p>
4	BIOLOGY	<p>ASSIGNMENT: Solve the assignment questions of chapter 1, 2, 3 and 4</p> <p>PRACTICAL WORK: Complete experiment 1 to 7 in practical file from the lab manual.</p> <p>PROJECT WORK: Prepare the investigatory project file on the allotted topic as per the guidelines given in class.</p> <p>ART INTEGRATED ACTIVITY: Click photographs of interspecific interactions (plant pollinator) and prepare a photo gallery illustrating your experience.</p>
5	COMPUTER SCIENCE	<ul style="list-style-type: none"> • Complete your project work based on Python-MySQL connectivity. • Join at least 2 online learning portals like “Hackerrank.com” / “Code.org” / “Leetcode.com”. Solve at least 7-8 questions. Share the link of your solutions in my mail karunagdg@gmail.com • Complete the given assignment in your registers - https://drive.google.com/file/d/1p69n2XEeEiMKY-_zy7H_uYRGxbvqySNV/view?usp=drive_link https://docs.google.com/document/d/19xk5k7TJARDm6rB2W6UvqWKO3V1OMX6/edit?usp=drive_link&oid=101592089346101474700&rtpof=true&sd=true https://docs.google.com/document/d/1sCPji3YnOFIsMxMiBWWRGhN_nKBXUsDj/edit?usp=drive_link&oid=101592089346101474700&rtpof=true&sd=true • Art Integrated Activity - Produce Book Trailers: Use digital storytelling after you finish reading a book. Take the key idea from the book to create a short video that persuades people to check out a book they have read. Record your video on FLIP link - https://flip.com/7787c956

6	INFORMATICS PRACTICES	<p>Prepare a presentation on any one of the topics listed below and share the link with rishikapuri91@gmail.com</p> <ul style="list-style-type: none"> • E-waste: Hazards and Management • Indian Information Technology Act (IT Act) • Intellectual property rights <p>Do all NCERT back exercise questions of Chapter-Querying and SQL Functions and Ch- Societal Impacts in the IP homework register.</p> <p>Complete the Practical File work of topic-MYSQL discussed in the class.</p>
7	MATHEMATICS	<p><u>LAB MANUAL ACTIVITIES:</u> Complete the following Activities in your Mathematics Lab Manual (Orange Spiral):-</p> <ol style="list-style-type: none"> 1. Activity 1: To explore the Principal value of the sine inverse function using a unit circle. 2. Activity 2: To find analytically the limit of the function $f(x)$ at $x = c$ and also to check the continuity of the function at that point. 3. Activity 3: To understand the concepts of decreasing and increasing functions. 4. Activity 4: To understand the concepts of local maxima, local minima and the point of inflection. 5. Activity 5: To construct an open box of maximum volume from a given rectangular sheet by cutting equal squares from each corner. <p><u>Instructions to be followed:</u></p> <ol style="list-style-type: none"> 1. Do very neat and tidy work in the lab manual as it will be a part of internal assessment. 2. Make very clear labeled diagrams and use graphs wherever necessary. 3. Fill the index properly. 4. Avoid cuttings. <p><u>RESOURCE BOOK WORK:</u> complete the worksheets of CH-2: Inverse Trigonometric Functions and CH-5: Differentiation from resource book in your Practice register.</p>
8	ACCOUNTANCY	<p>GUIDELINES FOR ACCOUNTANCY PRACTICAL FILES</p> <p>SEQUENCE OF THE PROJECT</p> <ol style="list-style-type: none"> 01. Front page: 02. Certificate: 03. Acknowledgement. 04. Contents/Index. 05. Objective

		<p>06. Period of the study</p> <p>07. Tools of analysis used</p> <p>08. Prologue</p> <p>09. Analysis of Financial Statements of a Multinational Company (a) Profile of the company (b) Financial statements (Printed)</p> <p>10. Content to be drafted as per class discussion</p> <p>INSTRUCTIONS</p> <ol style="list-style-type: none"> 1. Use A4 size plain paper only. 2. Matter should be written on one side of the paper and Formats, flow charts etc. should be drawn on the flip side only. 3. Leave a margin of one inch on left side of the page for spiral binding or for Ring File. 4. Project should be neat and systematically presented. 5. Excessively colorful projects will not be accepted. 6. Only Company's financial statements can be machine print outs but rest of the matter should be handwritten including the front page. Any other printed matter is unacceptable. 7. Financial statements of company should be of recent year. <p><u>RESOURCE BOOK WORK:</u></p> <p>Complete the worksheets of</p> <p>CH: Change in Profit Sharing Ratio among the existing Partners and CH: Admission of Partner in your Practice register.</p> <p><u>INSTRUCTIONS FOR RESOURCE BOOK</u></p> <ol style="list-style-type: none"> 1. Do very neat and tidy work in registers. 2. formats to properly draft. 2. Index to be filled properly. 4. Avoid cuttings.
9	ECONOMICS	<p>"Economics project work Important Instructions:</p> <ol style="list-style-type: none"> 1. Project file consists of the work assigned below. 2. Attach a certification that data given in the project is TRUE TO YOUR KNOWLEDGE. 3. Index with page no. should be attached. 4. If you take any help from internet or any other source, it should be mention on the last page as bibliography. 5. Please adhere to the sequence of the project file: <ol style="list-style-type: none"> I. Index II. Self-certification

		<p>III. Acknowledgement duly signed by the teacher with date. IV. General information about the project (literature review)</p> <p>V. Data collection (any book or website)</p> <p>VI. Presentation of content (this includes causes, consequences etc, advantages/disadvantages, short- term or long-term implication suggested in the course of research, validity and relevance of data presented)</p> <p>VII. Case study related to the topic. (research work)</p> <p>VIII. Bibliography</p> <p>The students can take any topic from the course book or can select topics mentioned on CBSE academic website.</p> <p>NOTE: The student must get the topic approved by the teacher before finalizing it."</p> <p>Also complete the assignment questions given in the class</p>
10	BUSINESS STUDIES	<p>Prepare Business Studies project, as per CBSE curriculum guidelines (2024-25) as discussed in class.</p> <p>*The projects must be neat and well-presented and must be completely handwritten.</p> <p>*The total length of the project will be 30-35 pages.</p> <p>*The project report should be developed in the following sequence-</p> <ol style="list-style-type: none"> a) The cover page b) List of contents c) Acknowledgements d) Introduction e) Topic with suitable heading. f) Planning and activities done during the project g) Presentation of content h) Observations and findings i) Questionnaires j) Conclusions k) Bibliography <p>Complete worksheets from Resource Book of chapter 1, 2 ,11 and 12 in register.</p> <p>Learn Chapter 1 Nature and Significance of Management Chapter 2 Principles of Management Chapter 11 Marketing Chapter 12 Consumer Protection</p>
11	ENTREPRENEURSHIP	<p>Prepare Entrepreneurship project, as per CBSE curriculum guidelines (2024-25) on Business Plan and Market Survey as discussed in class.</p> <p>*The projects must be neat and well-presented and must be completely handwritten.</p> <p>*No whiteners to be used or written matter to be crossed out. In case of any mistakes, redo the sheet.</p> <p>Complete worksheets from Resource Book of Unit 1 and 2 in register.</p> <p>Learn Unit 1 Entrepreneurial Opportunity Unit 2 Entrepreneurial Planning</p>

12	PAINTING	<p style="text-align: center;"><i>"Art is not what you see but what you make others see"</i></p> <p style="text-align: center;"><i>- Edgar Degas</i></p> <p>Q1. Complete all the question answers done in class of UNIT-I and II in Practical File and Register.</p> <p>Q2. Still Life- Keeping Nature and Object Study in mind, Draw, colour and shade any 2-3 Natural and Geometrical Forms with light and shade from a fixed point of view. Natural forms like Plants, Vegetables, Fruits and Flowers, etc. are to be used. Geometrical form of objects like cubes, cones, prisms, cylinders and spheres. Draw and colour it on an A2 size of sheet either horizontally or vertically.</p> <p>Q3. Draw and Paint at least two composition studies of your choice, keeping in mind the Elements, Limbs and Principles of Art in any medium (Water/Poster/mix media) on A2 size of sheet either horizontally or vertically. Your painting should be original and effective.</p> <p>Topics: Any indoor or outdoor scene, My favourite holiday destination, City scape, Sport I like the most, Festival scene, Rural India etc..</p>
13	POLITICAL SCIENCE	<p>Prepare Political Science project, as per CBSE curriculum guidelines (2024-25) as discussed in class, (for 20 marks-10 viva,10 project file) Topic- any chapter from the class12 books.</p> <p>Guidelines for Project Work The expectations of the project work are that</p> <p>A. It will be an individual/pair/group, B. The projects must be-</p> <ol style="list-style-type: none"> 1. neat and well-presented and must be completely handwritten 2. Use A4 size plain paper only. 3. Matter should be written on one side of the paper and Formats, flow charts etc. should be drawn on the flip side only. 4. Leave a margin of one inch on the left side of the page for spiral binding or for Ring File. 5. Excessively colorful projects will not be accepted. <p>C. Learners may work upon the following lines as suggested following:</p> <ol style="list-style-type: none"> 1. Choose a title/topic 2. Certificate 3. Acknowledgement 4. Index 5. Objective of the study 6. Hypothesis 7. Content -timeline, maps, pictures, 8. Organization of material/data 9. Analysis of material/data 10. Conclusion 11. Bibliography

		<p>D. Viva based on the project work E. Complete worksheets from Resource Book F. Revise the Chapters done .</p>
14	HISTORY	<p>A Project to be done as per the existing scheme in school. Topic any chapter from the book ‘Themes in Indian History’. A. Steps involved in the conduct of the project: Students may work upon the following lines as suggested:</p> <ol style="list-style-type: none"> 1. Choose a Title/Topic 2. Need of the Study, Objective of the Study 3. Hypothesis 4. Content -Timeline, Maps, Mind maps, Pictures, etc. (Organization of Material/Data Present Material/Data) 5. Analyzing the Material/Data for Conclusion 6. Draw the Relevant Conclusion 7. Bibliography <p>B. Viva based on the project work C. Learn assignments done from Book 1.</p>
15	SOCIOLOGY	<p>GUIDELINES FOR SOCIOLOGY PRACTICAL FILES</p> <ol style="list-style-type: none"> a) Index b) Acknowledgment c) Research Question d)Rationale e) Statement of Problem f) Choice of Method g) Universe & Sample h) Questionnaires i)Support Material j) Question wise pie chart analysis k) Overall Conclusion l) Bibliography <p>Learn Book 1 Ch 2 Demographic Structure in Indian Society Ch 3 Social Institutions Ch 4 Patterns of social inequality & exclusion</p>
16	LEGAL STUDIES	<p>The student is required to select any 3 decided cases related to the Curriculum where one must be civil in nature, one criminal and one constitutional in character. The research on the cases must include the following points: Name of the case Parties to the case Citation to the case Bench Nature of the case (Civil, Criminal or Constitutional) Facts of the case and issues involved Decision of the case including Ratio Decidendi and Obiter Dicta</p> <p>Learn Unit 1 Judiciary, Unit 2 ADR</p>
17	PSYCHOLOGY	<ol style="list-style-type: none"> 1. Make a presentable flow chart of the following theories on A4 sheet:

		<p>a) Psychometric approach b) Information processing approach c) Trait approach d) Type approach</p> <p>2. Do NCERT questions and answers in notebook of chapters done in class.</p> <p>3. PRACTICAL FILE Complete writing the following in the practical file. INTRODUCTION TO PSYCHOLOGICAL TESTING Introduction: Definition of Psychology Goals of psychological enquiry Definition of a “Psychological Test” Characteristics of a ‘Psychological Test- Explain standardization (Reliability, Validity and norms, in detail) Types of Psychological Tests Uses of Psychological Tests Conclusion-Summarizing</p>
18	PHYSICAL EDUCATION	<p>Record File shall include: Practical-1: Fitness tests administration. (SAI Khelo India Test) Practical-2: Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease. Practical-3: Anyone one IOA recognised Sport/Game of choice. Labelled diagram of Field & Equipment. Also mention its Rules, Terminologies & Skills.</p>
19	APPLIED MATHEMATICS	<p>“ANALYSIS OF STOCK PRICE MOVEMENT” Using the dataset given below analyze the stock price movement of the given four months. You need to show the trends in the stock price movements by potting the appropriate charts and interpret the result. Dataset: Trend analysis to be done for the following columns: i) High ii) Low iii) Volume Kindly note that the above project work needs to be done in a project file using Excel Spreadsheet only.</p>
20	YOGA	<p>Students can make a powerpoint presentation / assignment / practical file / Report. Suggested list of Practical – 1. Repetition of Asana of class XI 2. Practice of Tadasana 3. Practice of Ardha Chakrasana 4. Practice of Katichakrasana 5. Practice of Dandasana 6. Practice of Bhadrasana 7. Practice of Padmasana 8. Practice of Vajrasana 9. Practice of Uttan Mandukasana 10. Practice of kakasana.</p>