



BRIGHTLANDS GIRLS SR. SEC. SCHOOL, JAIPUR
HOLIDAY HOMEWORK ASSIGNMENT 2024-25
CLASS XI

SNO.	SUBJECT	ASSIGNMENTS
1	ENGLISH	<p>English Project</p> <p><u>General Instructions</u></p> <ol style="list-style-type: none">1. Use an A-4 size file2. Page-1: Acknowledgement3. Page-2: Index4. Pages 3 to 8: Project details-Right side and graphics/pictures-Left side5. Bibliography <p><u>Topics for Project (select any one of the given topics)</u></p> <ol style="list-style-type: none">1. <u>Pollution: Biggest threat to humanity</u><ul style="list-style-type: none">*Different kinds of pollution.*Collect data about the degree of pollution in various cities of our country.*The causes and effects of air pollution.*List the Do's and Don'ts to control it.2. <u>India : A holy land</u><ul style="list-style-type: none">*Collect information about the places of pilgrimage in North India.*Give details like location, connectivity from Jaipur, weather and temperature.*Information for the visitors- best months to visit, facilities available etc.

		<p>*Share personal experience if you have been to any of them or interview a person who has visited any of these places.</p> <p>3. <u>Rain: A boon or a curse</u></p> <p>*Collect data about the pattern of rainfall in our country.</p> <p>*The way it has changed in the recent years.</p> <p>*How does the changed pattern affect the life of the people.</p>
2	PHYSICS	<p>Write practicals and activities as given below:</p> <p>Experiments</p> <ol style="list-style-type: none"> 1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume. 2. To measure diameter of a given wire and thickness of a given sheet using screw gauge. <p>Activities</p> <ol style="list-style-type: none"> 1. To make a paper scale of given least count, e.g., 0.2cm, 0.5cm. 2. To plot a graph for a given set of data, with proper choice of scales and error bars.
3	CHEMISTRY	<p>Write practical in practical file</p> <p>Experiments</p> <ol style="list-style-type: none"> 1. Salt analysis Identification of one cation and one anion in given salts. 2. Volumetric analysis Determination of molarity and strength of given unknown solutions.

4	BIOLOGY	<p>Complete the following experiments in the Biology practical file:</p> <ol style="list-style-type: none"> 1. Study of parts of a Compound Microscope. 2. Study of plant specimens and identification. 3. Study of Animal specimens and identification. 4. Study of Mitosis in Onion root tip and Animal cell
5	MATHEMATICS	<p>Art integrated project</p> <p>Define venn diagram and show the following</p> <ol style="list-style-type: none"> (i) Venn Diagram of Union of sets. (ii) Intersection of sets in venn diagram. (iii) Difference of sets in venn diagram. (iv) Complement of set in venn diagram.
6	APPLIED MATHEMATICS	<p>Make a project on any of the following topics:</p> <ol style="list-style-type: none"> (i) Use of prime numbers in coding and decoding of messages (ii) Prime numbers and divisibility rules (iii) Comparing sets of Natural numbers, rational numbers, real numbers and others (iv) Each day newspaper tells us about the maximum temperature, minimum temperature, and humidity. Collect the data for a period of 30 days and represent it graphically. Compare it with the data available for the same time period for the previous year (v) Analysis of career graph of a cricketer (batting average for a batsman and bowling average for a bowler). Conclude the best year of his career. It may be extended for other players also – tennis, badminton, athlete <p>Prepare a project on (As discussed in class) A 4 size sheets kept in a file.</p> <p>Choose a topic and collect data and information</p> <p>Organization of information and data</p> <p>Analyze the information collected</p> <p>Draw the conclusion</p> <p>Presentation :</p> <p>a. The total length of the project will be 7-10 pages.</p>

		<p>b. The project should be hand written.</p> <p>c. The project should be presented in a neat folder.</p> <p>d. The project report should be developed in the following sequence:</p> <p>Cover page</p> <p>Certificate</p> <p>Acknowledgement</p> <p>Index</p> <p>Introduction</p> <p>Topics with suitable headings</p> <p>Observation</p> <p>Conclusion</p>
7	ACCOUNTANCY	<p>Project on Source Document:</p> <p>a) Students are required to Visit a Manufacturing Unit or a Trading unit and enquire about 10 different types of Transactions for example, cash purchase, credit purchase, cash sales, credit sales, purchase return, sales return, expenses paid, income received, provision for depreciation etc.</p> <p>b) Then collect the documentary evidences of the transaction.</p> <p>c) Frame an imaginary transaction based on the transaction collected from the business unit visited and draw a source document based on the transaction.</p> <p>d) Project:</p> <p>(i) Cover Page</p> <p>(ii) Index</p> <p>(iii) Certificate</p> <p>(iv) Acknowledgement</p> <p>(v) Short write up of the Business Unit Visited. (2 pages)</p> <p>(vi) Picture evidence of the visit to be pasted,</p> <p>(vii) State the 10-transaction collected.</p> <p>(viii) On one single page paste the original source document and the imaginary document drafted.</p> <p>(ix) Conclusion with experience.</p>

8	BUSINESS STUDIES	<p>Team Activity</p> <p>Prepare a Business Pitch (Innovative Startup)</p> <p>Your Business Pitch include:</p> <table><tr><td>a. Company Introduction</td><td>b. Problem</td></tr><tr><td>c. Solution</td><td>d. Product</td></tr><tr><td>e. Target market</td><td>f. Competitions</td></tr><tr><td>g. Marketing & sales strategy</td><td>h. Pamphlets</td></tr></table> <p>Power point, animation, text, geographic, sound and videos can be used to support the business pitch.</p> <p>Business model should be realistic. This should also be documented.</p>	a. Company Introduction	b. Problem	c. Solution	d. Product	e. Target market	f. Competitions	g. Marketing & sales strategy	h. Pamphlets
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9	ECONOMICS	<p>The student should prepare a project on the following topic on A-4 Size Sheet of 20 pages.</p> <p>Role of RBI in Control of Credit</p> <p>Introduction</p> <p>Objectives</p> <p>Functions of RBI</p> <p>Methods to control credit</p> <p>Impact of monetary policy</p> <p>Worksheet to be done in copy.</p> <p>Q1) What is likely to be the impact of efforts towards reducing unemployment on the production potential of the economy? Explain.</p> <p>Q2) Large number of technical training institutions have been started by the government. State its economic value in the context of production possibilities frontier.</p> <p>Q3) What will be the impact of the "Education for All campaign" (Sarv Shiksha Abhiyan) on the Production Possibilities Curve of the Indian economy and why?</p> <p>Q4) Economic slowdown in some parts of the world has adversely affected demand for Indian exports. What will be its effect on the production possibilities frontier of India? Explain.</p> <p>Q5) What will be the impact of the recently launched 'Clean India Mission' (Swachh Bharat Mission) on the Production Possibilities Curve of the economy and why?</p> <p>Q5) A country produces two goods: Green Chilli and Sugar. Its Production Possibilities are shown in the following table. Plot the PPC and verify that it is concave to the origin.</p>								

		<table> <tr> <th>Possibilities</th><th>Green Chilli</th><th>Sugar</th></tr> <tr> <td>A</td><td>100</td><td>0</td></tr> <tr> <td>B</td><td>95</td><td>1</td></tr> <tr> <td>C</td><td>85</td><td>2</td></tr> <tr> <td>D</td><td>70</td><td>3</td></tr> <tr> <td>E</td><td>50</td><td>4</td></tr> <tr> <td>F</td><td>25</td><td>5</td></tr> </table>	Possibilities	Green Chilli	Sugar	A	100	0	B	95	1	C	85	2	D	70	3	E	50	4	F	25	5
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E	50	4																					
F	25	5																					
10	HISTORY	<p>To prepare the project work on the topics given below :-</p> <ol style="list-style-type: none"> 1. Ancient History in depth: Mesopotamia. 2. Contribution of Roman Civilization. 3. The spirit of Renaissance: Manifestation in art; Literature; Sculpture; Influence on Trading Community; Social Fabric; Philosophy; Political Values; rational Thinking; Existentialism. 4. Piecing together the past of Genghis Khan. 5. History of Aborigines- America and Australia. 6. Facets of Modernization- China, Japan and Korea. <p>Steps involved in the conduct of the project:</p> <p>Students may work upon the following lines as suggested:</p> <ol style="list-style-type: none"> 1. Need of the Study, Objective of the study. 2. Hypothesis. 3. Content- Writing, Timeline, Maps, Mind maps, Pictures, etc. (Organization of Material/Data). 4. Analysing the Material/Data for Conclusion. 5. Draw the relevant Conclusion. 6. Bibliography. 7. Minimum 20 written pages. 8. A3 size sheets and file accordingly. 																					

11	POLITICAL SCIENCE	<p>(I)To prepare the project work on the topics given according to the CBSE guidelines. Note: Use A3 sheets for your practical file.</p> <p>Expected checklist: Introduction of topic or title Collect information related to topics, analyse the materials/ data for conclusion, draw the relevant conclusion, bibliography</p> <p>Topics for the Project 1. Making of the Constitution. 2. Elections in India. 3. Working of the Indian Judiciary System. 4. Social Justice: Are ethics followed in Indian Politics 5. Human Rights Act and its gratification in India. 6. Political impact on Indian Legislation. II)Write an analysis of the Rajasthan assembly elections 2023, including the vote share and seat share party-wise.</p>
12	PAINTING	<p>Practical – Composition related to Monochromatic colour scheme (1),Achromatic colour scheme (1), Sketches (50).use of pencil colours , pen n ink ,Oil pastel,Soft pastel .</p>
13	PHYSICAL EDUCATION	<p>Record File shall include: *Draw a standard track and specify all its measurement. <u>*Table Tennis / Kho-kho</u> -History of the game -Rules and regulation of the game -Measurements and specification -Fundamental skills of game -Terminology -Important Tournaments -Famous personality with details 5 National 5 International -Related pictures should be pasted</p>

14	INFORMATICS PRACTICES	<p>Do the following python programs in Practical file and paste their output on the blank page</p> <ol style="list-style-type: none"> 1) Write a Python program inputs two numbers and prints their sum, product, quotient , difference and remainder 2) Write a Python program that inputs Principal, Rate of Interest and Time in years and calculate the Simple Interest and total amount 3) Write a Python program to input cost price and selling price of a product and calculate the profit or loss. 4) Write a Python program that inputs length and breadth of a rectangle and prints the area and perimeter of it. 5) Write a Python program that inputs marks of five subjects and calculates the total marks and percentage .
15	HINDI	<p>परियोजना कार्य (प्रोजेक्ट वर्क)</p> <ol style="list-style-type: none"> 1. जनसंचार माध्यम की विशेषताएं तथा कमियाँ। 2. समसामयिक समस्याएं जैसे – नई शिक्षा नीति की चुनौतिया, मानवीय जीवन मूल्यों का प्रभाव , निरक्षरता एक अभिशाप 3. प्रसिद्ध साहित्यकार :- महादेवी वर्मा, जयशंकर प्रसाद, मैथिलीशरण गुप्त, सुभद्राकुमारी चौहान, प्रेमचंद , भक्ति कालीन कवि 4. सूरदास, मीरा, तुलसीदास आदि।
16	GEOGRAPHY	<p>Prepare your Practical file: Note: Use A3 sheets for your practical file. Following content must be written in the file as discussed in the class.</p> <ol style="list-style-type: none"> 1. Ch-1 Introduction to Maps 2. Ch-2 Map Scale 3. Ch-3 Latitude, Longitude and Time
17	PSYCHOLOGY	<ol style="list-style-type: none"> 1) Movie project Watch any movie related to any psychological disorder and write an in-depth analysis about it. Focusing on the disorder that the movie depicts. Things to include in the report:

		<ul style="list-style-type: none"> ● Introduction and Summary of the movie ● Reason for choosing the movie ● The disorder depicted in the movie ● Symptoms of the disorder ● You can also make any art work related to the disorder (painting, sketch, digital art, collage, creative writing etc.)
19	ENTREPRENEURSHIP	<p>Make a project on any of the following:</p> <ol style="list-style-type: none"> 1. Conduct a case study of any entrepreneurial venture in your nearby area. 2. Field visit: Visit any business firm near your locality; interact with the owner of the business firm and prepare a field report on parameters like: type of business, scale of business, product/service dealing in, target customer, problems faced and measures to solve the faced challenges. <p>Expected Checklist for the Project Work:</p> <ul style="list-style-type: none"> · Introduction of topic/title · Identifying the product/service · Various stakeholders and effect on each of them · Use of different tools for market assessment and it's analysis · Implication of 4P's in the process of marketing · Calculation of various costs involved in the business planning process · Validity, reliability, appropriateness and relevance of data used for research work and for presentation in the project file · Presentation and writing that is succinct and coherent in project file · Citation of the materials referred to, in the file in footnotes, resources section, bibliography
20	YOGA	<p>Students to do assignment in practical file</p> <ol style="list-style-type: none"> 1. Practice of Surya Namaskar 2. Steps of Sithaili Pranayama 3. Steps of Ujjayai Pranayam 4. Project on Patanjali Yoga Sutras

21	BANKING	<p>The student should prepare a project on the following topic on A-4 Size Sheet of 15 pages.</p> <p>TOPIC- Visit the websites of five different commercial banks (Three Public sector and two private sector banks) and get the details of the various Retail Banking Products offered by them.</p> <p><u>General Instructions</u></p> <ol style="list-style-type: none"> 1. Use an A-4 size file 2. Page-1: Acknowledgement 3. Page-2: Index 4. Pages 3 to 15: Project details 5. Bibliography
22	ARTIFICIAL INTELLIGENCE	<ol style="list-style-type: none"> 1. Suppose you have a dataset entailing images of different bikes and cars. Now you need to train the machine on how to classify all the different images. Create labelled data for this task and represent the data set in the table. 2. A friend invites you to a birthday party, where you meet a stranger. Classify this person using unsupervised learning (without prior knowledge). 3. Let's suppose you have never seen a cricket match before and by chance watch a video on the internet. Classify players on the basis of different criterion and represent the data of atleast 5 players who has played IPL 2024. <p>Use A4 size sheet to do all the above activities.</p>