



DAV PUBLIC SCHOOL

KAIYA MANPUR GAYA BIHAR

Affiliated to CBSE, New Delhi, Upto Higher Secondary Level

SUMMER VACATION ASSIGNMENT

CLASS X

SUBJECT	ASSIGNMENT/PROJECT
ENGLISH	<p>First Flight</p> <ol style="list-style-type: none">Complete the fair notes of "A Letter to God" & "Dust of Snow", "Fire and Ice"Write the brief notes on five famous American writers<ol style="list-style-type: none">Mark Twain [1835-1910]Earnest Hemingway [1899-1961]Henry James [1843-1916]William Faulkner [1897-1962]Scott Fitzgerald [1896-1940] <p>Moments</p> <ol style="list-style-type: none">Complete the Q/Ans of The Triumph of SurgeryDraw the picture of a Climate Change and write a story/Article on that ProjectRead a novel of Mark Twain and prepare a short note on that.
HINDI	<p>(क्षितिज)</p> <p>* 'सुरदास के पद', 'नेताजी का चश्मा', 'बालगोविन भगत' तथा 'लखनवी अंदाज' पाठ के प्रश्नोत्तर याद करेंगे।</p> <p>(व्याकरण)</p> <p>रचना के आधार पर वाक्य-भेद लिखकर याद करेंगे</p> <p>सुरदास की साहित्यिक जीवनी लिखकर फाइल में जमा करेंगे।</p> <hr/>
SANSKRIT	<p>शेमुषी भाग-2</p> <p>i) 'बुद्धिबलवती सदा' पाठ के सभी प्रश्नोत्तरों को अभ्यासपुस्तिका (HW) में लिखें।</p> <p>व्याकरण</p> <p>(i)-संधि -जश्त्व संधि(तृतीय वर्ण में परिवर्तन), प्रथमवर्ण का पंचमवर्ण में परिवर्तन, उत्त्व, रत्व, एवं सत्व संधि के दस-दस उदाहरणों को संधि व विच्छेद करके लिखें।</p> <p>(ii) अव्यय- उच्चैः च, श्व, ह्यः, अत्र, तत्र, यत्र, कुत्र, इदानीम्, यदा तदा, कदा एवं सहसा अव्ययों का प्रयोग वाक्यों में करें।</p> <p>परियोजना-कार्य,</p> <p>शुचिपर्यावरणम्' पाठ के सभी श्लोकों को लयबद्ध करके अपनी आवाज में विडियो बनाएँ।</p>
MATHS	<p>1.COMplete CHAPTERS</p> <p>(i) Real Numbers (ii) Polynomials</p> <p>2.PROJECT WORK:-</p> <p>Write biography of an Indian Mathematician and Mention his/her Contribution in the field of Mathematics.</p>

3.ACTIVITY:-

(i) To draw the graph of a Quadratic Polynomial and observe:-

- (a) The shape of the curve “When the coefficient of x^2 is positive .
- (b) The shape of the curve“When the coefficient of x^2 is negative .
- (c) Its number of zeroes.(IN MATHEMATICS LAB MANUAL COPY)

PROJECT

A Project file is to be made on the following topic, with a strict adherence to the following instructions:

Topic: Consumer Awareness

S.Sc

Guidelines from the CBSE

1. The overall objective of the project work is to help students gain an insight and Pragmatic understanding of the theme and see all the Social Science disciplines from Interdisciplinary perspective.
2. It should also help in enhancing the Life Skills of the students. Students are expected to apply the Social Science concepts that they have learnt over the years in order to prepare the project report. If required, students may go out for collecting data and use different primary and secondary resources to prepare the project. If possible, various forms of art may be integrated in the project.
3. The distribution of marks over different aspects relating to Project Work is as follows:
 - a. Content accuracy, originality and analysis (2)
 - b. Presentation and creativity (1)
 - c. Viva Voce (2)
4. The Project Report should be handwritten by the students themselves.

General instructions for CBSE Project:

1. The students can use information from the “Jago Grahak” website or “fssai” initiative. Usage of questionnaires and research work is advisable.
2. The project must be done neatly in a proper file with ruled sheets with suitable information, pictures, graphs, questionnaires , caricatures etc.

HOME ASSIGNMENT

S.Sc

1. Describe any three economic hardships faced by Europe in 1830s.
2. Explain the process of unification of Italy.
3. How had Britain come into existence?
4. Why is it essential to have resource planning? Explain any three reasons.
5. How are human activities responsible for the degradation of land?
6. Distinguish between stock and potential resource. Give one example of each.
7. Describe the land use data of India as per the year 2013-14
8. Describe the stages of resource planning.
9. Why the Mahatma Gandhi had said that “Earth has enough resources to meet the Need of everyone but not have enough to even to satisfy the greed of an individual.
10. What is Agenda 21?
11. Write about the First Earth Summit.
12. Is there any limitation of using Per Capita Income, If yes, Describe with help of suitable example .
13. What is power sharing? Why power sharing is important in a democracy?
14. Mention any three demands of Sri Lankan Tamils.
15. Explain how power is shared among different organs of the government.
16. Describe any three possible development goals of landless rural labourers.
17. How is the issue of sustainability important for development? Explain with three examples.
18. What is Human Development Report? Which organisation measures HDR? Explain three major indicators of a country.
19. Explain the resources on the basis of ownership and status of development.

	<p>PHYSICS</p> <ol style="list-style-type: none"> 1. An object is placed at a distance of 20 cm from a convex mirror of focal length 25 cm. Calculate the position of the image, discuss its nature. 2. Find the position size and the nature of image formed by the by a spherical mirror from the following data. $u = -20$ cm and $f = -15$ cm $h_o = 1$ cm. 3. A concave mirror forms and inverted image of an object placed at a distance of 12 cm from it. If the image is twice as large as the object where is it formed? 4. An object is placed 20cm from a convex mirror. Its image is formed 12 cm from the mirror. Find the focal length of the mirror. 5. An object of is placed at a distance of 12 cm from a convex mirror of radius of curvature 12 cm find the position of image. 6. Find the position, size and nature of image formed by a spherical mirror from the following data. $f = -12$ cm, $u = -36$ cm, $h_o = 2$ cm. Find the position. 7. Where should an object be placed before a concave mirror of focal length 20 CM so that a real image is formed at a distance of 60 cm from it? 8. An object is placed 24 cm from a concave mirror. Its image is inverted and double the size of the object. Find the focal length of the mirror and the position where the image is formed. <p>9. Project work:- Instructions:- some items to be given as project work for class - 10 students. i) Make a model of solar cooker by using cardboard box, aluminium foils and transparent sheets, steel box, black colour paint. ii) Collect photographs from your daily life where you use convex and concave mirrors and display in your classroom.</p>										
SCIENCE	<p>CHEMISTRY</p> <ol style="list-style-type: none"> 1. Write and learn defination of different reaction of ch-1 , chemical reaction and equations . 2. Write and learn question answer from intaxt and exercise of ch-1. 3. <i>Project work</i> Show the displacement reaction on the chart paper. 										
	<p>BIOLOGY</p> <ol style="list-style-type: none"> 1. Write summery of photosynthesis and nutrition in human being. 2. Explain through activity <ol style="list-style-type: none"> i) Light is essential for photosynthesis. ii) Carbon dioxide is essential for photosynthesis. 3. Define following term. Nutrition , ingestion, egestion, holozoic nutrition, parasitic nutrition, saprophytic nutrition, animilation, digestion. 4. Name the type of nutrition found in : leech, mushroom, bacteria, fungi, amoeba, engines, mango tree, mosquito. 5. Project work Draw any two on big chart paper <ol style="list-style-type: none"> I. T.S. of dicot leaf. II. Alimentary canal of human being. III. Dental formula of man, dog, horse, cow. 										
IT	<p>Write the notes of the following topics :-</p> <table border="0"> <tr> <td>(i) Define Communication</td> <td>(ii) Types of communicaton,</td> </tr> <tr> <td>(iii) Elements of communication</td> <td>(iv) Barriers in communication</td> </tr> <tr> <td>(v) How we can remove the barriers in communication,</td> <td></td> </tr> <tr> <td>(vi) 7Cs For effective communication</td> <td>(vii) Features of word processing software</td> </tr> <tr> <td>(viii) Mail Merge</td> <td></td> </tr> </table>	(i) Define Communication	(ii) Types of communicaton,	(iii) Elements of communication	(iv) Barriers in communication	(v) How we can remove the barriers in communication,		(vi) 7Cs For effective communication	(vii) Features of word processing software	(viii) Mail Merge	
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