

Class- 12 Science/Commerce/Humanity

Subject	Assigned Homework
English	<ol style="list-style-type: none"> 1. Complete notebook of English(Both books). 2. Make a project file on a biography of Kamala Das or William Wordsworth in about 500 words in A-4 sheet. (should be handwritten)
Hindi	<ol style="list-style-type: none"> 1. ' बारिश, घटा, काले, मटका, गांव, महिलाएं, कुआं, बूंदें, टपका, मोर, प्यासा, खेत, बीज, किसान, खुशी' शब्दों को जोड़ते हुए २० पंक्तियों की कविता खूबसूरत तरीके से स्क्रेपबुक में लिखे। 2. मेरे माता पिता मुझे बहुत प्यार करते हैं। मैं जो चाहता /चाहती हूं वो मुझे लाकर देते हैं। अचानक एक दिन पापा ने आकर बताया कि मुझे हॉस्टल जाना है। मैं तो मानो.....(अपनी सोच के अनुसार कहानी की रचना २०० शब्दों में करें और खूबसूरत तरीके से स्क्रेपबुक में लिखे।)
Mathematics	<p>Draw graph of all inverse trigonometric functions on chart paper.</p> <p>And write maths activity number 1, 3, 5, 9 and 10 in maths practical copy.</p>
Applied Maths	<p>Project 1.Matrix Multiplication</p> <p>2.Finding the inverse matrix using Ms Excel</p> <p>3.Demand and supply functions on excel</p> <p>4.How to calculate Probability using Ms Excel?</p>

<p>Physics</p>	<p>1. Why do the electrostatic field lines not form the closed loops?</p> <p>2. What is the electric flux through a cube of side 1cm which encloses an electric dipole?</p> <p>3. An electric dipole of length 4cm, when placed with its axis making an angle of 60° with a uniform electric field, experiences a torque of 4.3 N m. Calculate the potential energy of the dipole, if it has charge 8 nC.</p> <p>4. An electric dipole is held in a uniform electric field.</p> <p>i. Show that the net force facing on it is zero ii. The dipole is aligned parallel to the field. Find the work done in rotating it through the angle of 180°.</p> <p>11. A hollow cylindrical box of length 1m and area of cross-section 25 cm^2 is placed in a three dimensional x-coordinate system as shown in the figure. The electric field in the region is given by $E = 50x$, where E is in NC^{-1} and x is in metre.</p> <p>(a) Net flux through the cylinder</p> <p>(b) Charge enclosed by the cylinder.</p> <p>5 (i) Define electric flux. Write its SI unit. Gauss' law in electrostatics is true for any closed surface, on matter what its shape or size is. Justify the statement with the help of a suitable example.</p> <p>(ii) Use Gauss' law to prove that the electric field inside a uniformly charged spherical shell is zero.</p> <p>6. Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell (field inside and outside).</p> <p>7. Ohm's law, V-I characteristics (linear and non-linear),</p>
<p>(Biology)</p>	<p>1. Make a project work on the topic Life cycle of plasmodium vivax in a disease malaria. Chapter :- Health and disease. [A4 size paper] Source :- NCERT book.</p> <p>2. Make a project work on Energy flow in Ecosystem in [A4 size paper.] Chapter :- Ecosystem. [NCERT book]</p> <p>3. Make 25 MCQ with answer in notebook OF Previous years of unit Ecology and Microbes in human welfare from CBSE question notebook. [NCERT book.]</p> <p>4. Complete Exercise work of unit Ecology and Microbes in human welfare in notebook. [NCERT book]</p>
<p>(Chemistry)</p>	<p>Solve numerical of chap- Solution, Chap- Electrochemistry of NCERT and pdf sent to you.</p>
<p>Accountancy</p>	<p>Do the question of Partnership – Fundamentals, Change in profit sharing ratio and Admission of partners from D.K. Goel.</p>

Economics	<p>Activity 1- Write about Henry Fayols and his principle with the reference of applicability in your day to day activity.</p> <p>Activity 2- Write a comparison study between Principles of Henry Fayol and F.W.Taylor</p>
Business Studies	
Geography	<p>Make a Practical File of Geography Contents: Chapter- 1 Data – Its Source and Compilation Chapter- 2 Data Processing Chapter- 3 Graphical Representation of Data Chapter- 4 Spatial Information Technology Guidelines for External Assessment/ Geography Practical</p> <ul style="list-style-type: none"> • A practical file must be prepared by students covering all the topics prescribed in the practical syllabus. • The file should be completely handwritten with a cover page, index page and acknowledgment. • All statistical diagrams and maps should be drawn neatly with appropriate headings, scale, index etc. Data to draw statistical diagrams can be taken from the NCERT textbook or Census. • The practical file will be assessed both by the internal and external examiners at the time of CBSE practical examinations.
Pol. Science	<p>Make a project file of political science on- Congress system. Make a mind map of Cold war and Post cold war period.</p>
History	<p>Make a project file of history on -Bhakti and Sufi movement. Do the given set of questions. Shade and label all the map of chapter 2 and 3.</p>
IT	<p>Make PowerPoint Presentation on my the topic "MY DREAM STARTUP".</p> <p>Make a calculator(addition, Subtraction, division and multiplication & division) by using Java programs.</p>
P. E.	<p>Practical-1: Fitness tests administration. (SAIKhelo India Test) Practical-2: Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease.</p>