

**SUMMER VACATION HOME-WORK
CLASS-XII(SCIENCE)**

S.NO.	SUBJECT	HOME-WORK	RELATED PROJECT/ACTIVITY
1	ENGLISH	<p>a. <u>Flamingo</u>- write and learn L-1 to 5 in fair register.</p> <p>b. <u>Flamingo</u>- write and learn P-1 to 4 and 6 in fair register.</p> <p>c. <u>Vistas</u>- write and learn L1 and 4 and 7 in fair register.</p> <p>d. Submit hard copies of all the class tests</p>	<p>1. Select a topic, write and paste pictures related to your topic using at least 4 loose pages of a practical file.</p> <p>1. Most famous teachers from Assam.</p> <p>2. Child Labour in India.</p> <p>3. Slums in Assam</p> <p>4. Water bodies in Assam.</p> <p>5. Air ports in Assam.</p>
2	MATHS	Examples of Chapter 1,2,3	Activity 1,4,5,9
3	PHYSICS	<p>a. Do ncert problems on electric charges and fields in note book</p> <p>b. Do ncert problems on electric potential and capacitance in note book</p> <p>c. Revise unit-ELECTROSTATICS</p>	Make a project file on capacitor and its charging, discharging and its applications
4	CHEMISTRY	<p>a. Revise all chapter</p> <p>b. Solve previous year question of chapter 1st, 2nd and 3rd</p> <p>c. Case study based question on chapter 1st solid state</p>	<p>1. Draw the diagrams of various unit cell in solid</p> <p>2. Draw the diagram of galvanic cell and write down working</p>
5	BIOLOGY	<p>a. Revise all chapters which have been completed in class till now and find and solve Previous Year Questions of related chapter.</p> <p>b. Write down all PYQ's on a notebook with their answers.</p> <p>c. Find case study based questions and Assertion Reason of Unit-6 Reproduction and solve.</p>	<p>a) Draw the diagram of Entemophillus and Enmophillus flower with their characteristics in a Project file.</p> <p>b) Draw T.S. of testis and ovary write comments on the same in a project file.</p> <p>c) Draw the diagram of Blastocyst stage of embryo of human being and comment on the same in a project file.</p> <p>d) Draw the diagrams of different vegetative propagules, TS of young anther, enlarged view of one microsporangia, matured dehisced anther, stages of microspore maturing into a pollen grain,</p>

			development of embryo sac, flow chart of oogenesis and spermatogenesis, structure of human ovum, L.S. view of mammalian testis (one diagram per student) on a chart paper.
6.	COMPUTERS	<p>A. Write all four lessons unsolved exercise in notebook.</p> <p>B. Do practice on following programs type.</p> <p>1. Programs using for loop, while loops, if.. Else conditions</p> <p>2. Create 5 programs using core data types (list, string, tuple, dictionary)</p> <p>C. Write 5 programs using Built-in function. 5 programs using module to import modules.</p>	Create any 5 programs using user define modules. Example calculator, simple interest, with only user define function only.
7	PHYSICAL EDU.	<p>a.chapter-4</p> <p>b.chaper-5</p> <p>(Read both chapter and do very short questions in notebook</p>	Filework- common postural defomaties

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