Banyan Tree School, Jagdishpur
Holiday Homework Class :XI(Science)
Session :2023-24

Chemistry	1.To inculcate scientific temperament and for understanding the conceptual knowledge ofchemistry, students have to prepare a GLOSSARY OF CHEMISTRY. Add relevant pictures, diagrams and related to these discoveries. Use A-4 size sheets and write in neat handwriting. Glossary must comprise of 10 Chemistry terms (with their definitions) of each alphabet including Laws, formulas, principles and microscale chemistry apparatus. 2.Complete the assignment questions of Chapter – 1,(Practice Manual Questions) to be done in test notebook.
Physics	Q1 Consider a simple pendulum. The period of oscillation of simple pendulum depends on the length l and acceleration due to gravity g Derive the expression for period of oscillation Q2 Express the application of dimensional analysis in physics. Q3 Discuss some role of errors in measurements in our daily life Explains briefly and how it can be minimized. Q4 Prepare the projects on dimensions and dimensional formulae
Mathematics	1. Make 15 sets from everyday life (collection of objects, a cricket team, prime number etc.)and represent it in set builder and roster form. 2.Define Subsets, Power set and Universal set. 3.Write the properties of Operations of Union and Intersection using Venn Diagrams. 4. Define Relations and Functions . Draw graph of the given functions: i) Identity Function ii) Rational function ii) The Modulus function iv) Signum Function v) Greatest Integer Function.
English	Literature : Complete notes in your fair copy of all the chapters taught in class. Read all the chapters taught in class thoroughly. Writing & grammar : Complete Letter writing, Advertisement making , poster making in fair copy.
CS	1. Do the assignment which is share on what's app grp. 2. Complete the MCQs of all the chapters which is completed till date. 3. Assignments must be in A4 sheet and transparent file. 4. 5 basic python program do in lab manual file.

Physical Education	1. Write all the aims and objectives of Physical Education. 2.Write briefly about Khelo India Program. 3.Write down all the career option of Physical Education.