



ST.MARY'S ENGLISH MEDIUM SCHOOL

CLASS – 11TH A

SR. NO	SUBJECT	HOMEWORK
1	English Language	<p>Homework</p> <p>A. Write a composition on any one of the following subjects.</p> <ol style="list-style-type: none">1. Narrate an incident that made you firm believer in the 'Theory of Flow' that is time seems to fly when you do what you like and it appears to stand still when you do what you dislike.2. Electric vehicles are green. Argue for or against this idea.3. 'Freedom is not a worth having if it does not include a freedom to make mistakes.' Present your reflections on this statement. <p>Note : Dear students, Above homework must be done in a copy. You will be rewarded for orderly and coherent presentation of matter, use of appropriate style and general accuracy of spelling, punctuation and grammar.</p>
2	Literature in English	<p>Home Work</p> <p>Learn and revise all the literary devices. Character analysis and Summary of Poem 1 from Rhapsody (Abhisara -The Tryst)</p>
3	Physics	<p>Homework</p> <p>Every one should practice the solved numericals of dimensional analysis in their physics copy</p> <p>Assignment</p> <p>Student select one topic from the given list of topics and prepare a presentation on the following:</p> <ol style="list-style-type: none">1. Dimensional formula of physical quantities2. Classification of quantities3. Principle of homogeneity4. Uses of dimensional equations5. Limitations of dimensional analysis
4	Chemistry	<p>Home Work</p> <ol style="list-style-type: none">1. Write all Laws of chemical composition with example.2. Calculate the gram Molecular mass of Sugar having molecular Formula $C_{12}H_{22}O_{11}$3. Calculate the number of atoms in each of the following<ol style="list-style-type: none">(i) 52 mole of Ar(ii) 52g of He4. Calculate the percentage of N in NH_3 molecule.

		<ol style="list-style-type: none"> 5. What is the mass percent of carbon in carbon dioxide? 6. Calculate in the molarity of NaOH in a solution prepared by dissolving its 4g. In enough water to form 250ml of the solution. 7. 4g NaOH are dissolved in 200 cm³ of water. Find the molarity of the solution. 8. A solution is prepared by dissolving 0.63g of oxalic acid in 100 cm³ of water. Find the Normality of the solution. 9. Solve the numerical of Molarity, Molality, Normality, Mole fraction of chapter first.
5	Mathematics	<p>Homework</p> <p>Describe the following with one example.</p> <ol style="list-style-type: none"> 1. Sets and their representations. 2. Empty set, Finite and Infinite sets. Equal sets. 3. Intervals (with notations). 4. Power set. 5. Venn diagrams for Union and Intersection of any two sets. 6. Practical problems on union and intersection of two and three sets. 7. Difference of sets. Complement of a set. Properties of Complement of Sets. 8. Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. 9. Definition of relation.
6	Biology	<ol style="list-style-type: none"> 1. Write the characteristics features of kingdom monera? 2. Write the characteristics features of kingdom protests? 3. Write the characteristics features of Animalia and Plantae? 4. Give an brief account of <ul style="list-style-type: none"> • R.H whitakkar classification • Natural classification • Systematics • Key • Herbarium 5. Write the defining features of living organism?
7	Computer Science	<p>Home Works</p> <p>Answer the following questions in your class work copy.</p> <p>A. State and prove the following Boolean Laws.</p> <ol style="list-style-type: none"> 1. Involution Law 2. Complementary laws 3. Distributive laws 4. Associative laws 5. Absorption laws 6. Commutative laws 7. Third Distributive 8. De Morgan's laws <p>laws</p> <p>B. Draw Truth Table and Logic gate diagram for the following expressions:</p>

		1. $A.B + C'.D$ 2. $A.B' + A'.B$ 3. $A.B + B.C + A.C$ 4. $(A'+B+C).(A+B'+C)$
8	Physical Education	Homework Q1 Meaning of 'Play' and 'Recreation'. Definition and importance of 'Play'; Characteristics of Play Q2 Meaning of Physical Education, its aim and objectives.

