YEAR 11 A/D/E – CHEMISTRY (Girls)

WEEK 9 (17th May to 21st May)

Lesson Objective: To solve problems related to empirical formula and molecular formula.

Learning Outcome: Understand ideal gas equation.

Find the molecular formula using combustion analysis.

Work Sent to the students through Group email/ Google classroom.

Date	Lesson	Topic	Mode of Teaching	
17th May Sunday	7	Write a plan to find the empirical formula of copper(II)oxide if you are provided with 5g copper(II)oxide.	**Asynchronous learning**	Students should write a plan. .
18th May Monday	3 4	Calculate the empirical formula of a compound using percentage composition by mass and using combustion analysis.	**Zoom**	Revise the topic during the Zoom lesson using power point presentation. Discuss and solve worksheet questions and give chance for students to present the answers for the whole class.
19th May Tuesday	7	Calculate the Mr of a compound using the ideal gas equation pV=nRT	**GC**	Complete the worksheet questions during the GC period. .
19th May Thursday	7	Deduce the molecular formula of a compound using percentage composition by mass and the ideal gas equation pV=nRT	**GC**	Complete the worksheet questions during the GC period.

YEAR 11 B/C/F – CHEMISTRY (Boys)

WEEK 9 (17th May to 21st May)

Lesson Objective: To solve problems related to empirical formula and molecular formula.

Learning Outcome: Understand ideal gas equation.

Find the molecular formula using combustion analysis.

Work Sent to the students through Group email/ Google classroom

Date	**Lesson**	**Topic**	**Mode of Teaching**	
17th May Sunday	4	Write a plan to find the empirical formula of copper(II)oxide if you are provided with 5g copper(II)oxide.	**Asynchronous learning**	Students should write a plan.
19th May Tuesday	5 6	Calculate the empirical formula of a compound using percentage composition by mass and using combustion analysis.	**Zoom**	Revise the topic during the Zoom lesson using power point presentation and text book. Discuss and solve worksheet questions and give chance for students to present the answers for the whole class.
20th May Wednesday	1	Calculate the Mr of a compound using the ideal gas equation pV=nRT	**GC**	Complete the worksheet questions during the GC period.
	3	Deduce the molecular formula of a compound using percentage composition by mass and the ideal gas equation pV=nRT	**GC**	Complete the worksheet questions during the GC period.