

YEAR 13 A /B –CHEMISTRY

WEEK 8 (10th May to 14th May) 3 lessons for both batches

Work sent to the students through Whats app group / Google classroom / Zoom Learning Platform

Lesson Objective:

* Identify the type of organic and inorganic reagents for the synthetic route in organic chemistry.

Lesson Outcome :

* Apply the knowledge of organic chemistry to predict synthetic pathway for organic chemicals.

*Use of purification techniques.

Resources: Text book, Worksheet file, video, power point presentations.

Date	Lesson	Topic	Mode of Teaching	
10 th May Sunday 13A and B	4 1 3A 1 13B	Research about the ingredient for luxury fragrances in perfumes.	Asynchronous Learning	Students should write a report or prepare a PowerPoint presentation.
11 th May Sunday 13B 12 th May Tuesday 13A	2 13B 2 13A	Applications of principles of organic chemistry to increase number of carbon atoms in organic compounds during organic synthesis. Instructions are given and ask students to follow the time limit for each question.	GC	Students solve the worksheet file questions and upload in the google classroom at end of the lesson
13 th May Wednesday 13B 13 th May Wednesday 13A	4 13B 2 13A	Applications of practical techniques in organic synthesis (focus will be on practical techniques like Drying and recrystallisation)	Zoom	Teacher uses PowerPoint presentation and worksheet questions to revise the concept of synthesizing organic compounds

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Lesson Objective : Improve the skill in problem solving.

Lesson Outcome : Solve problems related to electrochemistry and stoichiometry.

Resources: Text book, Worksheet file, video, power point presentations.

Date	Lesson	Topic	Mode of Teaching	
13 th May Wednesday 13A	5 1 3A	Discuss the findings about Nernst Equation.	Zoom	Teacher uses worksheet to teach the concept of calculations on Nernst Equation.
10 th May Sunday 13B	5 13B	Solve problems on the basis of Nernst Equation.		
13 th May Wednesday 13A	6 13A	Solve problems on stoichiometry	GC	Students solve the Google form questions and upload in the google classroom at end of the lesson
10 th May Sunday 13B	8 13B	Instructions are given and ask students to follow the time limit for each question.		
12 th May Tuesday 13B	1 13B	Research the uses of group 2 elements and their compounds.	Asynchronous Learning	Students should write a report or prepare a PowerPoint presentation.
10 th May Sunday 13A	3 13A			