Studyclix Topic Analysis - Leaving Cert Chemistry Experiments

Exam Question	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	FREQUENCY
Flame Test				Q3												Q 3				1
Test for Any Anions				Q3												Q 3				1
To Measure the Relative Molar Mass of a Volatile Liquid						Q 3							Q 3							2
To Prepare a Standard Solution of Sodium Carbonate													Q 1							1
Neutralisation of NaOH & HCL to make NaCl (Heat of Reaction / Neutralisation)		Q3					Q 3					Q 3						Q 3		4
To Determine the Concentration of Ethanoic Acid in Vinegar	Q1								Q 1								Q 1			2
To Determine the Amount of Water of Crystallisation in Hydrated Sodium Carbonate					Q 1						Q 1								Q 1	3
To Standardise Ammonium Iron (II) Sulfate by Titration against Potassium Permanganate		Q1						Q 1												2
To Determine the Amount of Iron in an Iron Tablet																Q 1				1
To Prepare a Solution of Sodium Thiosulfate and to Standardise it by Titration against a Solution of Iodine										Q 1								Q 1		2
To Determine the Percentage of Sodium Hypochlorite in Commercial Bleach				Q1										Q 1						2
To Determine the Rate of Production of Oxygen from Hydrogen Peroxide			Q3						Q 3								Q 3			3
To Study the Effect of Concentration and Temperature on the Rate of Reaction between Sodium Thiosulfate and Hydrochloric Acid	Q3				Q 3			Q 3			Q 3				Q3					4
To Determine the Total Hardness in a Water Sample Using EDTA			Q1				Q 1								Q 1					2
To Determine the Total Suspended Solids (in p.p.m.) in a Water Sample via Filtration										Q 3										0.5
To Determine the Total Dissolved Solids (in p.p.m.) in a Water Sample via Evaporation										Q 3										0.5
The Winkler Method: To Determine the Amount of Dissolved Oxygen in a Water Sample						Q 1						Q 1								2
To Measure the Amount of Free Chlorine in Swimming Pool Water Using a Comparator / Colorimeter										Q 3									Q 3	1.5
To Prepare Ethene & Examine its Properties			Q2			Q 2							Q 2			Q 2				1.5
To Prepare Ethyne & Examine its Properties		Q2						Q 2								Q 2				2.5
To Extract Eugenol (Clove Oil) from Cloves via Steam Distillation							Q 2					Q 2		Q 2			Q 2			3
To Prepare a Sample of Soap	Q2			Q2			Q 2				Q 2			Q 2	Q 2				Q 2	5
To Study the Reactions of Ethanol with (i) Acidified Potassium Permanganate Solution, (ii) Fehling's Reagent and (iii) Ammoniacal Silver Nitrate	Q2																			0
To Study the Reactions of Ethanoic Acid with (i) Sodium Carbonate, (ii) Magnesium and (iii) Ethanol						Q 2														0
To Recrystallize a Sample of Benzoic Acid	Q2		Q2		Q2		Q 2		Q 2	Q 2		Q 2		Q 3						4.5
To Separate the Components of Ink Using Paper Chromatography																	Q 2			0.5

Keep in mind:

- Q 1 is always on titrations and volumetric analysis, Q 2 is always on organic experiments, and Q 3 will usually be an experiment that is not part of these topics.

Q 2 is always an Organic Chemistry Experiment

- Some questions haven't been included in this chart because the experiment asked is no longer on the course.

KEY :

Long Question = 1

Short Question = 0.5

studyclix