

### Studyclix Topic Analysis - Leaving Cert Chemistry

Exam Question	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	FREQUENCY	
Acids, Bases & PH calculations	Q7	Q 7	Q 4 & Q 11	Q 9	Q 4 & Q 10	Q 9	Q 7	Q 11	Q 10	Q 7	Q 8	Q 4	Q 8	Q 7	Q 4 & Q 8	Q 8 & Q 10	11.5	
Atomic Structure	Q4 & Q5	Q 4	Q 4 & Q 10		Q 4 & Q 11	Q 4 & Q 5	Q 4 & Q 10	Q 4 & Q 5	Q 4 & Q 11	Q 5 (a)	Q 5 & Q 10	Q 4 & Q 10	Q 4 & Q 10	Q 4 & Q 11	Q 5 & Q 10	Q 4 & Q 5	13.2	
Chemical Equilibrium		Q11	Q 9	Q 7	Q 7	Q 11	Q 9	Q 9	Q 11	Q 9	Q 7	Q 11	Q 12	Q 10	Q 11	Q 9	9.8	
Electron Arrangement	Q4	Q 4 & 10	Q 4	Q 4 & 5	Q 5	Q 5	Q 5 (a)	Q 4	Q 4 & 5 (a)		Q 4 & 5	Q 4 & 5	Q 4	Q 5 (a)	Q 4 & 5 (a)	Q 4	7.6	
Fuels & Thermochemistry	Q6	Q 6	Q 6	Q 6	Q 6	Q 6	Q 6	Q 6	Q 6	Q 6	Q 6	Q 6	Q 6	Q 4 & Q 6	Q 6	Q 6	Q 6	11
Gas Laws, moles & Gas Properties	Q4, Q9	Q4 & 10	Q 4	Q 11	Q 4 & Q 11	Q 4 & Q 10	Q 4	Q 4	Q 4	Q 4	Q 4	Q 4	Q 11	Q 10	Q 11	Q 11	9.1	
Instrumentation & Chromatography		Q 4			Q 4	Q 10				Q 4						Q 10	1.8	
Ionic & Covalent Bonding	Q4 & Q11	Q4 & 11	Q 11	Q 4 & Q 11		Q 4	Q 4 & Q 11	Q 4 & Q 10	Q 4	Q 4 & Q 11	Q 4 & Q 10	Q 11	Q 4 & Q 5	Q 4 & Q 5	Q 4	Q 4	10.2	
Option: Atmospheric Chemistry		Q 4 & Q 11	Q 4	Q 4 & Q 11	Q 11	Q 4 & Q 11	Q 4 & Q 11	Q 4	Q 11	Q 4 & Q 11		Q 11	Q 4 & Q 11	Q 4 & Q 11	Q 4	Q 4 & Q 11	9.7	
Option: Industrial Chemistry			Q 11	Q 4 & Q 11	Q 4			Q 4 & Q 11	Q 4 & Q 11		Q 4 Q 11	Q 4		Q 4	Q 11		6	
Option: Materials & Polymers		Q 4 & Q 11	Q 4	Q 11	Q 4	Q 4			Q 4	Q 11	Q 11	Q 4	Q 4			Q 11	2	
Option: Metals		Q11	Q 11	Q 4	Q 11	Q 11	Q 4 & Q 11	Q 11		Q 4		Q 11	Q 11	Q 11	Q 4 & Q 11	Q 4	7.5	
Organic Chemistry	Q8, Q10 & Q11	Q6, Q8 & Q10	Q4,6,8 &10	Q 6, 8	Q 6, 8	Q 2, 8 & 10	Q 4, 6, 8 & 10	Q 6, 8	Q 8, 10	Q 4, 8	Q 4, 9	Q 4, 8	Q 6,9 & 11	Q 4, 8	Q 4, 9 & 10	Q 4, 7	15.5	
Oxidation & Reduction	Q10	Q 4	Q 4	Q 4	Q 10		Q 10	Q 10	Q 4 & Q 10		Q 10	Q 10	Q 10	Q 10	Q 10	Q 10	8.7	
Periodic Table		Q5 & Q11	Q 4, 5 & 11	Q 4		Q 4 & Q 11	Q 5	Q 11	Q 4 & Q 5	Q 5	Q 4 & Q 10		Q 4 & Q 5	Q 4 & Q 5	Q 4 & Q 5	Q 4, 5 & 10	10.3	
Radioactivity		Q 4	Q 5		Q 10	Q 4	Q 4	Q 10	Q 4	Q 10	Q 11	Q 4	Q 4	Q 11	Q 4		5.4	
Rates of Reaction	Q4 & Q10	Q9	Q 7		Q 4	Q 7	Q 9	Q 4 & Q 7	Q 4 & Q 9	Q 4 & Q 10	Q 4	Q 9	Q 4	Q 4 & Q 9	Q 7		10.1	
Stoichiometry, Formulae & Equations	Q4	Q 4	Q 4 & Q 10	Q 4	Q 4	Q 4 & Q 10	Q 4 & Q 11	Q 4	Q 10	Q 4	Q 4		Q 4 & Q 11	Q 4	Q 4	Q 4,10 & 11	8.4	
Water & Water Analysis	Q4, Q10	Q 4	Q 4	Q 4	Q 9	Q 4	Q 4	Q 4	Q 4 & Q 7	Q 4 & Q 11	Q 4	Q 4 & Q 7	Q 4,8 & 10	Q 7	Q 8	Q 8	7.5	

#### Keep in mind:

- These predictions are only concerned with non - experiment questions, from Q 4 onwards. For experiment predictions, we have made a separate analysis chart.
- Although certain frequencies may appear much lower than others, there is quite a big difference in the amount of theory between each topic. For example, Organic Chemistry takes much longer to learn than Chemical Equilibrium.

#### KEY :

Long Question = 0.7

Short Question = 0.2

Part Question(s) & Short Question (SQ) = 1