

National 5 Chemistry – Topic by topic analysis of past papers

Unit 1

Reaction rates/atomic structure

year	National 5	Std grade g	Std grade c	Intermediate 1	Intermediate 2	Higher
2008						
2009		1,2,3,4a,4b,6a,10,14a	2,7,9,12,13	1,2,3,1	1,2,3,4,1,2,3,12	7
2010		1,5,9,18	15c	1,2,3,3	1,2,1,2	
2011		1,2,9,19	,1,3,7,11	1a,1b,2,3a,3b	1,2,3,4,5,6,4	1
2012		1,2,3,5,10	4,9,11,13	1,2,1,2,5a,5b	1,2,3,5,2,3	3,1a,2
2013		1,2,3,4a,9	2a,7,10,17	1,2,3,4,1a,2,5	1,2,3,5,6,7,8,9,1,2,3,4	2
2014	1,14,20,1			1,2,3,4	1,2,11,1,2,4	

Bonding

year	National5	Std grade g	Std grade c	Intermediate 1	Intermediate 2	Higher
2008						
2009		12	2b,3,10,12	4,5,6	6,8,9,11	
2010		7,10c	2,3,12,13,15	5	4,5,6,7,8,9,10,3	1
2011		5a,5b,8,10	4,5a,18	2,3	7,8,9,1,2,3	3
2012		6,18	7c,18	3,4,5,3	6,7,8,9,10,11,1	1
2013		6,8	8	5,6,2,3	6	1
2014	2,3,4,2,3			5,6	5,5,7,9,9,4a,6	

Acids

year	National 5	Std grade g	Std grade c	Intermediate 1	Intermediate 2	Higher
2008						
2009		4d,6b,18	4,6a		23,10,13,15	
2010		3,4,8,13	10,19	4,5	18,19,21-27,10,11,13	
2011		3b,6a,7,11,17	5b,6a,14,20	4,5	21-26,13,15	
2012		7c,13,17	3,6a,7,15,17	4,6	21,22,24-27,13	
2013		4b,12,16,19	2b,2c,5,13,18	7,8,4	18,20-24,3a	
2014	5,6,7,8,13			7,8,9	30,22-26,11	

Fertilisers

year	National 5	Std grade g	Std grade c	Intermediate 1	Intermediate 2	Higher
2008						
2009		2,4c,16	14	16		
2010		6a,16	7	11		
2011		6b	19	14		
2012		8b,11a	12,15d	16,10		
2013		1b,17	11	20,1c		
2014	7			28,9		

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Unit 2

Fuels

Year/paper	National5	Std grade g	Std grade C	Int 1	Int 2	Higher
2008						
2009		9,19	11	10,4	12,13	20,2
2010		10		10,11,15, 9	10,8	18
2011				6,8,9	10	18
2012				12,14,8		19
2013		11		12,13,19	11,13,7	1d
2014	7,10			12,14,17,3,7a	7b,8	

Hydrocarbons and consumer products

Year/paper	National5	Std grade g	Std grade C	Int 1	Int 2	Higher
2008						
2009		13	8,19		14,15,16,17,6,7,8	21,22,3b,6,10b
2010		6c,12,17	1,6,18	5,11	11,12,13,5,6,8	19,21,30
2011		4a,18,20	2,6,22		11,12,13,14,15,11b	18,21,22,4a&c,5b,6a,14
2012		12,20	2,5		12,15,5,8	21,23,25,3,6a,9,10b,11a&b
2013		15	6b&c,12,15	14	12,14,15,8,9	10,20,21,22,26
2014	9-13,8			13,15	13	

Carbohydrates

Year/paper	National5	Std grade g	Std grade C	Int 1	Int 2	Higher
2008						
2009		4c,7	1a,5,16	14,15,17,19	19,22,10	30
2010		2,6a,11	4,11	14,19,20,12	7,9	
2011		12,13	12,15	15,19,11	16,5,9	
2012		15	14	16,18,19,9	7,9,10	
2013		7	4,15bcd,	16,17,18	19	
2014				6,19,20,10,13	15,17,18,6	

Polymers

Year/paper	National 5	Std grade g	Std grade C	Int 1	Int 2	Higher
2008						
2009		11	18	9,11,12,13	18	26
2010			10	12,13,10	14,15	25,27,2b
2011		4c,15	13	10,11,12,13	7,10	29,8a
2012		14	1,20	9,10,13,4	16,17,18,6	7b
2013		10	6a,6d	11,15	16,10	8,9b,9c
2014	19,4			11,4,1,8	16,5,9	

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Unit 3

Metals

year	National5	Std grade g	Std grade c	Intermediate 1	Intermediate 2	Higher
2008		12,13	13,16,20			
2009		2,5a,8	10,15	6,7	29	
2010		10	14,16	1,6,7	29,4	
2011		1a,3,14,	18	6,7,7	26,27,28,12	
2012		4,11	16,21	6,6,7	29	
2013		9,12	1,16	7,7	29,30,1,14,15	
2014	15,16,12				30,14	

Corrosion

year	National 5	Std grade g	Std grade c	Intermediate 1	Intermediate 2	Higher
2008		2c,5	11			
2009		5b	6c	7	30,14	
2010		6b,	5,17		30,12	
2011		16	10	8	29,30	
2012		8,9	10		30,14,15	
2013		5	9		28	
2014	11				27,29,12	

Electricity

year	National5	Std grade g	Std grade c	Intermediate 1	Intermediate 2	Higher
2008		3,19	17			
2009		12,15	17		27,28,15	
2010		19		6	26,27,28,14	
2011		21	9,21	5	25,14	
2012		16	3,19		23,7,28,13	
2013		14,18	2,14		26,27	
2014	17,18				8,28,13	

Radioactivity

year	National5	Std grade g	Std grade c	Int 1	Int 2	Higher
2009						
2010						
2011						
2012						
2013						
2014	5					