JABchem

Nat5 Chemistry

Nat5

Question Bank

Self Evaluation Question Bank

Past Paper Question Bank
Unit 1.1 Reaction Rates

Nat5
Traffic Lights

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Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
1	L1a L1c	L1c			L3b(ii)		L5d								
2a 2b 2c					mc2 L3b(iii)		mc1								
2d 3	L13c														
4	L1b	L1b	mc1	L1a	L3b(i)	mc1	L1b(i)	mc1 mc2							
5															

Past Paper Question Bank
Unit 1.1 Reaction Rates

Nat5
Traffic Lights

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Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
1				L7b(i)								L4b(ii)	L2a(ii)		L1b(i)	
2a 2b 2c		mc5 L14c		mc2	mc4	mc1 L3d		mc2	mc1 L15c	mc3	mc1	mc3	mc2 L4b			mc6
2d 3							L7b(iv)				L5c(ii)					
4	mc5	mc7	L13b(ii)	L7b(ii)	mc3	L3c		L2a			mc2	L4b(iii)	L2a(i)	L3b	L1b(iii)	mc5
5																

Past Paper Question Bank
Unit 1.1 Reaction Rates

Nat5 — Traffic Lights

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
1		16a 16b		18b(i)												
2a 2b 2c	7a	16c	7a 7b	8		2a 2b	2 9b	13c	13a(ii)	3a 3b		2a 2b 19a(i) 19b(ii)	2a 2b	2a 2b		
2d 3		11a 16d			17a(i) 17a(ii) 17b	9c		14c(i)	16c 18b(i)	13a	15c(iii)		15c			
4																
5																

Past Paper Question Bank
Unit 1.1 Reaction Rates

Nat5 — Traffic Lights

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
1					12a					13b(i)		11a				
2a 2b 2c		2a			4a,4b 12c		12c	2a 2b	2a	13c	12d	11b(i) 11b(ii)	18a(ii)			
2d 3	11c(i)					12b(ii)					16b(i)					
4												13b(ii)				
5																

Past Paper Question Bank
Unit 1.2a Periodic Table and Atoms

Nat5 — Traffic Lights

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Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021				
6 7								mc3						
8														
9					mc3									
10														
11	mc2	mc2			L1a(i) L1a(ii)		mc2							
12														
13														
14	L2a	L2a	L1b(ii)	mc2		L1a								
15a	L2b	L2b	L1b(i)	mc1	L5b	mc2 L1b	L7b							
15b	mc5	mc5		mc3				mc4						
16	L2c	L2c			L1b	L1c	L6a(i) L6a(ii)							

Past Paper Question Bank
Unit 1.2a Periodic Table and Atoms

Nat5 — Traffic Lights

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Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
6 7			mc1						mc3							mc1
8	L3a						mc1							L1a(ii)		mc2
9		mc2				mc4				L1b(i)			mc4			
10										L1b(ii)	L1a					
11								L1a				mc4		mc5 L4a		
12			mc3		mc5		L1b(i)	mc4		L1b(ii)						mc7
13							mc3			mc9 L1b(i)						
14	mc2	L1b		mc5			mc5	mc4	L1b(ii)	mc4			L1c(ii)		L2b(ii)	L1b
15a	mc1	L1a	mc3	mc24	mc5 L1a(i) L1a(ii)	L1b			L1b(i)	L1a		mc5	L1c(i)		L2b(i)	L1a
15b			mc6				mc7 L3c	L13a(i)	mc6		L9d		mc5	L11a		
16	L3b				L1b									L4b		

Past Paper Question Bank
Unit 1.2a Periodic Table and Atoms

Nat5
Traffic Lights

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
6 7																
8							5a									
9	1a	3c		18a	6b	1b	5b			2b	3b	3b		2a		
10																
11		6			7			7	15a	7		7	9	7		
12				1a												
13				1b												
14	10b	3b	5b	11a(i)	6a		9a(i)			9b		11b(i)	4c			
15a	10a		6				9a(iii)		15b(i)	9a	3a	11b(ii)		10a(i) 10a(ii)		
15b		3a	5a	11c		13b		10b					4a			
16	10c			11a(ii)		13a(i) 13a(ii)	9a(ii)	10a		9c				10b		

Nat5
Traffic Lights

Past Paper Question Bank
Unit 1.2a Periodic Table and Atoms

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
6 7																
8	1a			3b		10b(ii)		1b		1c		1b	1c			
9		8a		3a			10b(i)		2b	1a						
10							10a						10a			
11																
12		8b								10a		9a				
13																
14																
15a																
15b																
16																

Past Paper Question Bank
Unit 1.2b Covalent Bonding

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Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
17 18					mc5											
19 22						L3a		L3a								
20		mc1					mc3									
21	mc4 L7b(i)	mc4 L7b(i)	L7a(ii)	L4a	L1c(i)	L3b	mc4 L10b	mc6								
23																
24	L7b(ii)	L7b(ii)		mc5 L14a(ii)	L11c		L4c									
25																
26	mc1						mc6									
27																

Past Paper Question Bank
Unit 1.2b Covalent Bonding

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Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
17 18							L2a									
19 22			L4b													L3b
20			mc20								mc5					
21	L4c				L4a		L2b		L5a		L3b(i) L3b(ii)	L2a L2b	mc9	mc6	L4a	L2a
23																
24					L13a			L13b(ii)							L4b	L2b(i) L5a
25																
26			L2b(ii)					mc6			L3a		L1a	L6b		
27			L2b(i)													

Past Paper Question Bank
Unit 1.2b Covalent Bonding

Nat5 Traffic Lights

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
17 18	1b	16c		11b	13a		4b	15b	10b	12a	15c	5c		17b		
19 22						15a							13a			
20																
21	13d		3b	10c	13b(i) 13b(ii)		9b	15a		12b	2b	3c		17a		
23																
24			2b 12a(ii)			4b		5a			14a	4b				
25																
26										3a						
27																

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
17 18		18a(ii)	13b			1b		1c	1d		10c	10b	6b			
19 22																
20	6b	18a(i)	2b	6c	5b	9c	6b		2a 8	14b	15a	5b	1a	3a		
21	6a															
23																
24											5a					
25																
26																
27																

Past Paper Question Bank
Unit 1.2c Ionic Bonding

Nat5 Traffic Lights

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
28																
29 30				L11a			mc5	mc7								
31																
32							L7a									
33					mc5											
34																
35	mc3	mc3		L9b(ii)			L7b(i)									
36																
-			L2a		mc6	L3d	mc6	mc8								

Past Paper Question Bank
Unit 1.2c Ionic Bonding

Nat5 Traffic Lights

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
28				L12b												
29 30				mc6												
31																
32										mc9						
33																
34																
35													mc10			
36																
-						mc7	mc6		mc10			L1a	mc7		mc7	

Past Paper Question Bank
Unit 1.2c Ionic Bonding

Nat5 — Traffic Lights

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
28																
29 30																
31																
32																
33																
34												18a				
35		18d							13c	10c						
36								19c(i)								
-		7	2a	9a+b 13a+b	5a 5b			5b		3b			8			

Past Paper Question Bank
Unit 1.2c Ionic Bonding

Nat5 — Traffic Lights

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
28																
29 30																
31																
32												18a				
33																
34																
35	18b					15b		17b			19b		18b			
36																
-			8				8		9		7a 7b	8	8			

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
37		L6e						L8b								
38			L11c					L8c								
39					mc7		L15c									
40							L5c									
41																
42																
43																
44 45	L5a	mc23 L3a	mc3 L3d	mc6 L6b		mc3		L11a								

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
37						mc2					L11b(i)	mc2				
38			L1a													
39	L5b			L13c				L11c		mc11 L14a		L4a(ii)	L1b	mc7		
40																
41																
42																
43		L4a	mc4	mc8	L14d	L2a(i)	mc8		L15a		mc7			L6c	L14b	
44 45		mc6	mc5			L3a						mc8			mc6	mc9 L4b(ii)

Nat5
Traffic Lights

Past Paper Question Bank
Unit 1.3a Chemical Formulae

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Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
37		13a(i)						17a					11a(i)			
38	1c 13a		3a		3c	1c	5c			4c	2c	16b(ii)	7c			
39							11c									
40								17d								
41																
42																
43																
44 45		18b	14d		17a			19b	20b	10b	13c 16a(i)	18c	15d	16b(ii)		

Nat5
Traffic Lights

Past Paper Question Bank
Unit 1.3a Chemical Formulae

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Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
37	5a		5a	2	14a	10c	13a	4c	10c	6a	13a		6a	4a		
38				12b				14c(ii)		10b(i)			16c(ii)	19a		
39																
40							16b		15b(i)							
41																
42																
43						16b										
44 45																

Past Paper Question Bank
Unit 1.3b Mole Calculations & Balanced Equations

Nat5 — Traffic Lights

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
46	L4a(i)	L5a(i)	mc4	mc8 L14a(i)	mc1 L5c(i) L6b	mc7	L10a(i)									
47							L13a(ii)	L2d								
48a			L3b	mc9		mc8										
48b	L13a	L15a		L7b		L2c										
48c																
49								mc9								
50	L13b	L15b		L7b	L12d	mc9	mc7 L14b(iii)									
51	L4b(i)	L5b(i)	L10b		L3c(ii)	L12c	L16c	L5c(i)								
52	L11a	L12a	L12b		L4b	L10b		mc10								

Past Paper Question Bank
Unit 1.3b Mole Calculations & Balanced Equations

Nat5 — Traffic Lights

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
46	mc25 L11b	L6c(ii)	L4a	L2b	mc2 L2a	mc8 L5a	L1b(i)	L4a(i) L8a	L3a	mc5 L4a	mc8 L2b	L3a	L2b	mc2 mc8	mc9	Mc11 L5b(i)
47	L5c		mc7	mc29			mc10							mc9	mc10	mc10
48a																
48b		mc8			L5b	L4c(ii)	mc9	L14b	mc9				L4c	L6a		
48c																
49							mc2	mc5	mc2	mc2	L2c			mc3	mc2	mc4
50		L4b(ii)	mc22	mc17	mc21	mc21	L13a(i)	mc21	mc23	L12c(i)			L15a(i)	mc21	L10a	
51	L6b	L9b	L12b L13a	L9d	L8b	L13c	L5b L13a(ii)	L4b	L11a	L4b	mc20 L4b	L3c L5b	L15a(ii)	L12c	L4c(ii)	L12b
52																

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
46	13e	12a	12a(i)	10b(i)	17b(i)	16a	16a	10c(i)	12b	16b	14b(i)	20a(i)	15a			
47																
48a																
48b			19b													
48c				11b(ii)					16d			21c(ii)				
49								6			1					
50		14c	19a(ii)	19b	21b(ii)			20a	14c		20c(ii)	17b	18b(i)			
51	18b	12c	15b(ii)	12c		20b	15a		20a	19c	12e	17b	17c			
52		13c(ii)	12b	15c	11b(i) 17c	11b	11b	17c	16a	14b	16a(ii)		15c 21c(i)	16b(i)		

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
46																
47																
48a																
48b																
48c																
49					14b					18a			10c			
50																
51																
52																

Past Paper Question Bank
Unit 1.4a pH

Nat5 — Traffic Lights

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
53		L6b					L13b								
55 56							L10a(ii)								
54 57 58	mc7 L3a	mc7 L4a	mc5	L4b	L5d		mc8								
59 60							mc9	mc11							
61				mc10	mc8	L11a									
62			mc6	mc10											
63				mc11		mc5		mc12							

Past Paper Question Bank
Unit 1.4a pH

Nat5 — Traffic Lights

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
53								L9b			L10a			L13a(i)		
55 56	mc19					L13b(ii)				mc24	mc17				mc20	
54 57 58		mc19	mc20			mc27 L13b(i)	mc23	mc20	mc21		mc19			mc18		L15a
59 60			mc17			mc19		mc19				mc22		mc20		
61	mc18				mc23			mc18		mc21			10c	mc23		mc24
62					mc23			mc18	mc22	mc21		mc21	mc21		mc22	mc24
63			mc21		mc24		mc24				mc22			mc22		mc25

Past Paper Question Bank
Unit 1.4a pH

Nat5
Traffic Lights

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
53																
55 56																
54 57 58												14a		2c		
59 60														5		
61							13c(ii)		4b							
62						4a			4c			5b				
63																

Past Paper Question Bank
Unit 1.4a pH

Nat5
Traffic Lights

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
53	7b 16a 16b		13c		12a	5a 5b	18a	11c	11v 21a		3a	17b(i) 17b(ii)	13a(i) 13a(ii)			
55 56																
54 57 58				11b	4c			11e					13b	16a		
59 60							4	11d				17c				
61		9a(i)											17c	4c		
62		9a(ii)									4b			4b		
63																

Past Paper Question Bank
Unit 1.4b Neutralisation Reactions

Nat5 — Traffic Lights

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Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
64																
65a				L4c												
65b			L7c(i)													
65c	L4a(ii)	L5a(ii)					L1a									
66							L10d	L2c L11b								
67		mc24	mc8	mc18		mc6		mc25								
68																
69																
70			L13b	L15b												

Past Paper Question Bank
Unit 1.4b Neutralisation Reactions

Nat5 — Traffic Lights

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Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
64											mc23					
65a		mc20			L8a			L3b(i)								
65b			L7b			L14b										
65c	L11c	mc24		mc28		L2a(ii)		mc22	L12a	mc22 L13c		mc24	L11b		mc23	mc26
66								L15a	L13b						L11a	L14a(i)
67		L12a(i)	L9a	mc21	L6a	mc24	L11b(i) L11b(ii)	mc25		L15a	mc26	mc25	L13b(i) L13b(ii)	L2d		
68											mc22					
69																
70	L16	L12b	L8d	L8c	L16b	mc22				L12c(ii)	L13b	L11c(iii)				L15b(iii)

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
64			1b		3b	20a				4a			7a			
65a																
65b	5a															
65c	5a								5a	13a				18c		
66		13b			12d			17b					13b(i)			
67			13a	15a					17b(i)		17a		3	14a		
68								6b				6a				
69					21a			20b(i) 20b(ii)				10c(i)				
70			19b		21b(iii)		18b				19b	20d		18b(ii)		

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
64																
65a			16a	16b												
65b										6b	8		20a(ii)			
65c	17a 17b	5b	5b			3b										
66																
67																
68																
69																
70																

Past Paper Question Bank
Unit 1.4c Preparation of Salts by Neutralisation

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
74															
75 76							mc25	L11c							

Past Paper Question Bank
Unit 1.4c Preparation of Salts by Neutralisation

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
74																
75 76	L15a L15b			L9a L9b L9c						L13a L13b						

Past Paper Question Bank
Unit 1.4c Preparation of Salts by Neutralisation

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
74							18c									
75 76						14a 14b										

Past Paper Question Bank
Unit 1.4c Preparation of Salts by Neutralisation

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
74																
75 76	17c		16b	7b	8a 8b											

Past Paper Question Bank
Unit 2.1 Naming and Drawing Hydrocarbons

Nat5 Traffic Lights

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
1	L7a	mc15 L7a	L9a			L9a	L16a(i)	L7a								
2			L9b					L5c(ii)								
3							L4a									
4							L9a(i)									
5	mc13				L3b(ii)		mc11	L9a(ii)	L5a							
6a		L10a				L8a		mc10								
6b		mc13		L12b		L9b		mc13								
7	mc12		L8b(ii)		mc12		mc11									

Past Paper Question Bank
Unit 2.1 Naming and Drawing Hydrocarbons

Nat5 Traffic Lights

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
1													L5a			
2															L8b	
3																
4						mc11										
5		L5b(i)		L14a			mc16	L6a				L11c(i)	L8a		L8a(ii)	
6a										mc16						
6b							mc13									
7	L1b	mc11	mc10	mc9	mc16	mc10		mc16	mc15					mc10	L7a(iii)	mc16

Past Paper Question Bank
Unit 2.1 Naming and Drawing Hydrocarbons

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
1	18a	17a		3c	20a		2b			19b	6b	22a				
2																
3																
4																
5		10a 10b	4a		2c	5b	4b		3b		6a	16a				
6a																
6b	3b	10c	4b	3b	2a 20d	5c	2a	16b(ii)	19b	5a	6c		5b	6c		
7																

Past Paper Question Bank
Unit 2.1 Naming and Drawing Hydrocarbons

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
1																
2																
3		6b	10a			11a		9a					7a			
4	9a		3b	10c(i)												
5	9b		6b	5c			14b(ii)	14b(ii)		13b(i)		20c	20b	15b		
6a																
6b																
7																

Past Paper Question Bank
Unit 2.1b Alkanes

Nat5
Traffic Lights

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
8					mc10	mc10		L7b(i) L7b(ii)								
9a 10a																
9b 10b	mc8	mc8	mc10	mc12			L4b	mc14								

Past Paper Question Bank
Unit 2.1b Alkanes

Nat5
Traffic Lights

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
8					mc12						mc12	mc12				
9a 10a																
9b 10b				L11b	mc11		L8a(i)		mc12						L8c	L7a(ii)

Nat5
Traffic Lights

Past Paper Question Bank
Unit 2.1b Alkanes

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JAB chem

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
8						12a										
9a 10a																
9b 10b									19a							

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
8		3a 3b		10b			3a		4a		17a		12b 12c			
9a 10a	9a				2b 16a			3a 14a				20b				
9b 10b																

Past Paper Question Bank
Unit 2.1c Alkenes

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
11						L12a										
12a 13a																
12b 13b				L12a												
14a 15a					mc11			L5b(i)								
14b 15b		L10c				L8c(i) L8c(ii)		L5b(ii)								
14c 15c	L8b(i) L8b(ii)	L8c(i) L8c(ii)		L12c			mc12	mc15								

Past Paper Question Bank
Unit 2.1c Alkenes

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
11			L12a(i)						mc13							mc17
12a 13a	mc14				mc12							mc13				
12b 13b																
14a 15a																
14b 15b			L12a(ii)								L5d					
14c 15c	mc10	mc13			mc14	L6a(ii)				mc17			L7a			L6b(i) L6b(ii)

Nat5
Traffic Lights

Past Paper Question Bank
Unit 2.1c Alkenes

Copyright JAB chem

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
11																
12a 13a													5c			
14a 15a				3a			6a			5c		22c	5a	6b		
14b 15b				14c(i) 14c(ii)	20c								20c			
14c 15c			16c(i) 16c(ii) ``				16b(i)									

Nat5
Traffic Lights

Past Paper Question Bank
Unit 2.1c Alkenes

Copyright JAB chem

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
11		3b				7a		3b								
12a 13a	2b					7b	14b(i)		4c							
12b 13b																
14a 15a		5a				14a(i) 14a(ii)										
14b 15b							14a				6c					
14c 15c				15b												

Nat5 Traffic Lights	**Past Paper Question Bank** **Unit 2.1d Cycloalkanes**										JAB chem

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
16	mc9	mc9													
17 18			mc9												

Nat5 Traffic Lights	**Past Paper Question Bank** **Unit 2.1d Cycloalkanes**										JAB chem

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
16					mc8	mc14		L6c	mc14	mc15			L8c	mc12		
17 18	mc16															

Nat5 Traffic Lights	**Past Paper Question Bank** **Unit 2.1d Cycloalkanes**										JAB chem

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
16																
17 18																

Nat5 Traffic Lights	**Past Paper Question Bank** **Unit 2.1d Cycloalkanes**										JAB chem

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
16																
17 18																

Past Paper Question Bank
Unit 2.2a Alcohols

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JAB
chem

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
19																
20																
21																
22			mc13				mc14									
23	L8a	L8a	L8a	L3a(i)	L12a	L12a		L2a								
24																
25a 26a						L14a(i)	mc13									
25b 26b			mc13													

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
19																
20																
21																
22			mc11													
23			L5b(ii)			mc11			L6a		L9c			L13a(ii)		
24																
25a 26a						L6a(i)	L7a					L9c	L7c			L6a
25b 26b																

Past Paper Question Bank
Unit 2.2a Alcohols

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
19																
20																
21																
22																
23																
24														15a		
25a 26a											20a(i)					
25b 26b																

Past Paper Question Bank
Unit 2.2a Alcohols

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
19																
20																
21																
22																
23																
24																
25a 26a																
25b 26b																

Nat5 Traffic Lights	Past Paper Question Bank Unit 2.2b Carboxylic Acids														
Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
27						mc13									
28								mc17							
29						L7b(ii)									
30	L6c L8d(ii)	L6d L8d(ii)		L13a		L7a	L13a(i)								
31			L8b												
32 33	L8d(i)	L8d(i)		L3b(i)		L7b(i)									
34															

Nat5 Traffic Lights	Past Paper Question Bank Unit 2.2b Carboxylic Acids														
Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
27																
28																
29																
30				L1b			L8a								mc13	L8a
31																
32 33	L14a		L5b(iv)			L10a				L10c			L9b(i)			
34													mc14			

Past Paper Question Bank
Unit 2.2b Carboxylic Acids

Nat5
Traffic Lights

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
27																
28																
29																
30																
31																
32 33								11a						15c		
34																

Past Paper Question Bank
Unit 2.2b Carboxylic Acids

Nat5
Traffic Lights

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
27																
28																
29																
30																
31																
32 33								11b								
34																

Past Paper Question Bank
Unit 2.3 Energy From Fuels

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
35		L9a	mc14	L6c	L3a	mc14		L9a							
36	mc10	mc10													
37		L8d			mc9	mc12	L16b								
38	L9a L9c(i)			L9b(i)											
39a							mc15	L9b(ii)							
39b															
40	L9b(i)	L9b(i)	L9c	L8b	L9c	L14b	L9b	L9b(i)							

Past Paper Question Bank
Unit 2.3 Energy From Fuels

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
35	mc4			L2a		L3a(ii)	L12a			L3a	L2a			mc1	L5a	
36				L2c		mc9						mc9				
37		mc12 L2a		L10a	L13b				mc8		mc10		mc11	mc11	mc12	
38	L11a									L6a						L4a
39a																
39b																
40															L8c	

Nat5 Traffic Lights — Past Paper Question Bank — Unit 2.3 Energy From Fuels

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
35							16c									
36 37			8a							6b	20b		6b			
38				10a												
39a																
39b																
40																

Nat5 Traffic Lights — Past Paper Question Bank — Unit 2.3 Energy From Fuels

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
35						9b				9a				17c		
36 37	12a 12b		6a	4a 16c	6b	17a		9b(i)	19d			5d		11d		
38					9a				19c							
39a																
39b																
40																

Past Paper Question Bank
Unit 3.1a Metallic Bonding

Nat5
Traffic Lights

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Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
1	mc14	mc15		mc15	mc4	mc15	mc23								
2			L2b				L15b(ii)								

Past Paper Question Bank
Unit 3.1a Metallic Bonding

Nat5
Traffic Lights

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Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
1		mc3			mc6				mc7	mc6	mc4					
2				mc7 L12a				L3a				mc7				

Past Paper Question Bank
Unit 3.1a Metallic Bonding

Nat5
Traffic Lights

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Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
1																
2																

Past Paper Question Bank
Unit 3.1a Metallic Bonding

Nat5
Traffic Lights

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Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
1																
2	18c															

Past Paper Question Bank
Unit 3.1b Reaction of Metals

Nat5 — Traffic Lights

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
3a																
3b																
3c		mc16			L3c(i)											
4	mc15		mc15			L8a(i) L8a(ii)	mc17	mc19								
5																

Past Paper Question Bank
Unit 3.1b Reaction of Metals

Nat5 — Traffic Lights

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
3a																
3b																
3c													mc25	L3a	L1a	
4			mc24	mc19			L10a				mc24	mc27		L3c L14c L14d	mc25	
5	L15a L15b			L9a L9b L9c				L15b(i) L15b(ii)							L11b	L14a(ii) L14a(iii)

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
3a																
3b		11a								15b						
3c	7a															
4	7b		2b 11b 11c						2b	15a 15c						
5																

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
3a																
3b																
3c			2a	14a				13b	21c	4d			7c	12b		
4	14b		12a 12c 16c	14b	3b			13a	13a(i)			3b	4b	12a 12c		
5																

Past Paper Question Bank
Unit 3.1c Redox

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Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
6a 8a								L8d								
6b 8b			L11a		L10c(i)	L4b L8b	L7b(ii)	L10b(ii)								
7																
9	mc19	mc20	mc17	L9b(i)	L10c(ii)	L10a(ii)	mc18	L10b(iii)								

Past Paper Question Bank
Unit 3.1c Redox

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chem

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
6a 8a		L13a			mc22	L4c(i)	L3b									
6b 8b	L13d		L3a	L13a		mc28	L12b(ii)		L14b(i)	mc28 L14b				L15b	L12b	L13b
7	mc17		L13b(i)		L12a											
9		L14a		L3b				L12b	L14b(ii)		mc28				mc29	

Past Paper Question Bank
Unit 3.1c Redox

Nat5
Traffic Lights

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
6a 8a							10b			17d	17c					
6b 8b			13b	16b(ii)	16c	10a(i)	14c	6c	13b	17a		21b	16b(ii) 19a	14b		
7																
9																

Past Paper Question Bank
Unit 3.1c Redox

Nat5
Traffic Lights

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
6a 8a																
6b 8b																
7																
9																

Nat5 Traffic Lights
Past Paper Question Bank
Unit 3.1d Extraction of Metals

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
10		L11a	L12a				L11d									
11a 12a	mc16	mc17	mc16			mc16										
11b 12b					mc15											
11c 12c			L12c													
13 14				mc7		mc4										
15		L11b														

Nat5 Traffic Lights
Past Paper Question Bank
Unit 3.1d Extraction of Metals

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
10	L2b	L6a										L12a		mc29	L14c	
11a 12a		L6b	mc23				mc28		mc28			mc28			mc30	
11b 12b													mc29	mc30		
11c 12c	L2c				mc30						mc29					
13 14		L7a		L12c					L4a L4b							
15			mc8		mc7	L14c	mc27	mc28 mc29 L12a	L4c(i)	mc10		L12b(ii)	L12a	L1b	mc8	mc30

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
10		11d							16d							
11a 12a		11b	15a					17e	16c		16b(ii)			16a		
11b 12b			15a						16b		16b(ii)			16a		
11c 12c			15a						16b		16b(ii)		21a	16a		
13 14							17a			10a	13a	18a				
15																

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
10											14b					
11a 12a																
11b 12b													18d			
11c 12c																
13 14	18a	12a		4b		15a		17a(i)			15b	4b		14a		
15		12b 12c				15c		17a(ii)		12a 12b				14b 14c		

Past Paper Question Bank
Unit 3.1e Electrochemical Cells

Nat5 Traffic Lights

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
16					L10a										
17							L11b	L10a							
18	mc17				L10b(i) L10b(ii)	L10a(i)	L11a	L10b(i)							
19 20 21	mc18	mc18 mc19	mc18	mc16			mc19	mc18							
22a 23a							L11c								
22b 23b															

Past Paper Question Bank
Unit 3.1e Electrochemical Cells

Nat5 Traffic Lights

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
16		L14b							L14a			L14d			mc28 L13a	L11c
17																
18				L3c												
19 20 21	mc24	mc25	L6c	L3a	mc27 mc29	mc26	mc26	mc27 L13b	mc26 mc27	mc27	L14b(i)	L14a L14b L14c	mc23	mc26 mc27	L13b(i) L13b(ii)	L11b(i) L11b(ii) L16b
22a 23a													mc28			
22b 23b																

Past Paper Question Bank
Unit 3.1e Electrochemical Cells

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
16	14a		13c(ii)	19a(ii)		19b		19c(ii)				21c		14c(ii)		
17				19a(i)												
18																
19 20 21	14c			19a(iii)												
22a 23a			13c(i)								17d			14c(i)		
22b 23b		15a 15b(i) 15c(ii) 15c		16a(i) 16a(ii)		19a	10a			17b		21a	19b			

Past Paper Question Bank
Unit 3.1e Electrochemical Cells

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
16				17b	15a		19a				19d	21a(i)				
17		15a(i)	11a(i)													
18				17a		12a(i)	19b					21a(ii)	16a			
19 20 21		15b(ii)		17d	15c	12a(ii)	5a 5b	15b(ii)	3a 3b	15b(i)	19c		16b	18a(ii)		
22a 23a		15b(i)			15b						19a			18a(i)		
22b 23b																

Past Paper Question Bank
Unit 3.2 Plastics

Nat5 — Traffic Lights

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
24 25 26			L4b			L13b(ii)	L2a(i)									
27																
28 29 30	mc20	mc21	L4a	mc17	L2a L2b	L13b(i)	L2a(i) L2b	mc20								

Past Paper Question Bank
Unit 3.2 Plastics

Nat5 — Traffic Lights

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
24 25 26								L7a						L10b(ii)		
27								L7c								
28 29 30	L7b	L3a	L7c	mc14	mc15	L6c	mc19	mc14 L7b	L6b	mc18	mc15	L10a(i)		L10b(i)	L5b	mc21

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
24 25 26									3a		10b(ii)					
27	3a					5a	16b	4a						6a		
28 29 30	12a		10b(i)	14b	10a	11a	8a			18a	10b(i)	13a	20a	6d		

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
24 25 26	2a 20b(i)									11e		4c	14b			
27	20b(ii)					14b(i)		10c	17a	11d	17b(iii)		14a			
28 29 30		10a			11b						15a(ii)					

Past Paper Question Bank
Unit 3.3 Fertilisers

Nat5
Traffic Lights

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Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
31 32						mc17	mc20									
33					L6a(ii)											
34								L3b								
35																
36		L12b(i)	L7a(ii)	L5a	L1c(ii)	mc18										
37	L11b	L12b(ii)														
38 39		L12c	L7b(i)				mc21 L10c									

Past Paper Question Bank
Unit 3.3 Fertilisers

Nat5
Traffic Lights

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Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
31 32	L4b				L6c			mc23							mc24	mc28
33																
34		mc18	mc19	mc16	mc26 L6b						mc18					
35																
36																
37																
38 39																

Nat5
Traffic Lights

Past Paper Question Bank
Unit 3.3 Fertilisers

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Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
31 32		13a(ii)	1a	2a									11a(ii)			
33																
34					18b			1b								
35			18c													
36	17a	16a					3c		18c		7a		11b			
37	17b		18d(ii)									12c				
38 39						15b(i) 15b(ii)	1a			14a(i) 14a(ii) 14a(iii)	7b	19b(i) 19b(ii)				

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Unit 3.3 Fertilisers

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Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
31 32		14b	17c		4b	19c(i)	12b(i)	4a	7b	16a(ii)	16a 16b	6b	8b	1b		
33	5b		17b				12b(ii)									
34	21b	6a				19b				16b		7	7b	17a		
35																
36			15b	3a		3d		2c		2a			11a			
37																
38 39	8b	14a(i) 14a(ii)	1c						1c					17b		

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Unit 3.4 Nuclear Chemistry

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Unit 3.4 Nuclear Chemistry

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Unit 3.5a Common Chemical Apparatus

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Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
53		L10b L13a(i)	L7c(ii)	mc4 L7a	L8b		L14b(i)								

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Unit 3.5a Common Chemical Apparatus

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Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
53	mc21 L12a L12b		L8a		L3a	L14a			L9a	L2a	mc26		L3b	L11a		L3a

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Unit 3.5a Common Chemical Apparatus

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Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
53																

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Unit 3.5a Common Chemical Apparatus

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Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
53																

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Unit 3.5b General Practical Techniques

Nat5 Traffic Lights

Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
54a															
54b															
54c		mc25						mc21							
54d															
54e							mc25	L11c							
54f						mc19									
54g															
54h					L10c(iii)			L10c							
54i							L7b(iii)								
54j															

Past Paper Question Bank
Unit 3.5b General Practical Techniques

Nat5 Traffic Lights

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
54a																
54b																
54c																
54d																
54e																
54f	L5a			mc20	mc25		mc25			L2b(ii)				mc25		
54g						L4a										
54h											L14b(ii)					
54i																
54j																

Past Paper Question Bank
Unit 3.5b General Practical Techniques

Nat5 Traffic Lights

Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit	
54a				15b					17b(ii)			20a(ii)	8b		
54b															
54c			14a												
54d															
54e															
54f															
54g															
54h															
54i	16a						16a								
54j															

Past Paper Question Bank
Unit 3.5b General Practical Techniques

Nat5 Traffic Lights

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General	
54a				7a			13b(i)				13b(iii)			19c	
54b															
54c															
54d						19a									
54e															
54f															
54g															
54h															
54i															
54j															

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Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021					
55		L13b				mc20									
56															
57	mc6	L6a	L3c		L6a(i)		L5b	mc22							
58		mc22						mc23							
59			mc20				mc24	mc24							
60				mc19	mc20										

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
55					L16a											
56																
57									L13c	mc22				L1a(i)		mc27
58		L9a(i)				L3a(i)	L12b(i)	L4a(ii)	mc25			L3c		L9b(ii)		
59		L12a(ii)				mc23			L13a	mc25		L5a	L13a		mc26	mc29
60		mc24	mc25					mc24			mc25					

Past Paper Question Bank
Unit 3.5c Analytical Methods

Nat5
Traffic Lights

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Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
55																
56																
57																
58								1a			12a		1b	1c		
59																
60		5b 18a								4b			7b	2a 13a		

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Unit 3.5c Analytical Methods

Nat5
Traffic Lights

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Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
55																
56																
57																
58			12d 14b(iii)	13b 18a		4c	9a	9b(ii)	11a 15b(i)	4b	11a(i)	19b		16b(ii)		
59																
60					14c(i) 14c(ii)		13b(i)		7a		13b(i) 13b(ii)	6a	20c	19b		

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Unit 3.5d Reporting Experimental Work

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Outcome	Original Specimen Paper	New Specimen Paper	Nat5 2014	Nat5 2015	Nat5 2016	Nat5 2017	Nat5 2018	Nat5 2019	Nat5 2020	Nat5 2021						
61																
62																
63	L3b(i)			L1b				L3c(ii)								
64								L3c(ii)								
65		L13a(ii)	L13a	L15a	L12c		L14b(ii)									
66	L4b(ii) L9b(ii)	L5b(ii) L9b(ii)	L7b(ii)	L8a L14c	L9a		mc15									

Outcome	Int2 2000	Int2 2001	Int2 2002	Int2 2003	Int2 2004	Int2 2005	Int2 2006	Int2 2007	Int2 2008	Int2 2009	Int2 2010	Int2 2011	Int2 2012	Int2 2013	Int2 2014	Int2 2015
61																
62																
63																
64																
65												L11c(ii)				L15b(ii)
66		L8 L11c														

Nat5
Traffic Lights

Past Paper Question Bank
Unit 3.5d Reporting Experimental Work

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Outcome	2000 Credit	2001 Credit	2002 Credit	2003 Credit	2004 Credit	2005 Credit	2006 Credit	2007 Credit	2008 Credit	2009 Credit	2010 Credit	2011 Credit	2012 Credit	2013 Credit		
61																
62																
63																
64																
65			19a(i)		21b(i)		18a				19a					
66																

Outcome	2000 General	2001 General	2002 General	2003 General	2004 General	2005 General	2006 General	2007 General	2008 General	2009 General	2010 General	2011 General	2012 General	2013 General		
61																
62																
63																
64																
65																
66																