

Advanced Higher Past Papers - Topics Linked to Questions

		Revised AH 2013		Revised AH 2014		Revised AH 2015		AH 2016		AH 2017		AH 2018		AH 2019		AH Specimen 2019		AH 2021		AH 2022	
		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Inorganic Chemistry	Electromagnetic Radiation and Atomic Spectra	2, 3, 4,	4d	4, 6, 7	1a, d	1, 2	1b	1	6a		1	1	1a	1	5a,5c,7d iiC	1	1		1a, 1b	1	1c, 6c
	Atomic orbitals and Electronic Configuration	1, 5, 6,	1a, b	1, 2, 3, 5, 10	1b, c	3, 4	1a, 4c	2, 3	2	1, 2, 3, 4	4a ii	2, 3, 5	1b, 10b	4	1a	2, 3	3aii, 3aiii	1, 2	5ai	2	1a, 1b
	Shape and polyatomic molecules	8, 9		8, 9		5		4			2b	4		5		4		11b		3biii	
	Transition Metals	10	5a, c, d	11		6, 7, 8, 9	5	5	3	5	4a i, 4 b ii, 6a	5, 6	4a, 6a, b	6, 7, 8	5b	5	3ai, 7aii, 7c	3	2a, 2b, 2c, 5aii	3, 4	2c, 5
Physical Chemistry	Chemical Equilibrium	13, 14, 16, 17, 18	6		5, 13	20, 21, 24	6a	6, 7, 8	5, 9b iii	6, 7	2a, 6bi, ii	7, 8, 9, 10, 11, 12	2	9, 29	1c, 4, c	6, 7, 8, 9	2	4	8a, 8b, 8c, 11a, 12fi	6, 7	3a, 3bi, 4aii, 11biB
	Reaction Feasibility	19, 20	2		3	22, 23, 24	2	9, 10	1	8	3	13	4d	10, 11, 12	1b	10, 11, 12	5	5, 6	1c	8, 11	2a
	Kinetics		8a-c	13, 14	11a, b	25	6b	11	6b	9, 10	4 b i, ii	14	9d	13, 14	2	13, 14	6	7, 8,9	2d	9, 10	2d
Organic Chemistry and Instrumental Analysis	Molecular Orbitals		1c	15		10, 11, 18	9a, b	12, 13	9a	11, 12		15	5	15, 16	7b, c	16, 17	8b	12	3a	12, 13	6a, 7biii
	Synthesis	22, 23, 24, 25, 26, 27, 28, 30	8e, 10, 11a	18, 19, 20, 21, 22, 23, 24, 25	6, 8, 9, 11c, d	15, 16, 17, 26	4a, 8, 9d, 10, 11a	14-23	7c, 8b-e	14-18	9, 11c	18, 19	7a, 9a, b, 10a	19, 20, 21, 22	9b, 10a-c	18, 19, 20, 22	9a, 9b, 10a, 10b	10, 11, 13, 14, 15, 16, 18, 19, 20	3b, 7a, 7b, 7c, 12a, 12c, 12d, 12e	14, 15, 16, 17, 18	8, 11ai, 11c
	Stereochemistry		8d	16, 17	9a, 11d	13, 14	9c, 10,		7a, b	13	8b, c	17	4b, c	17, 18	9a, 10d	15, 21	7ai, 8ai, 8aii		6c	19	6b
	Experimental determination of structure	7	7, 12	26, 27, 28, 29	9b, 8a	19	4e, 10e, 11a, 12	24	10	19, 20	8a, 11b	20, 21, 22	9c, 10d	23, 24, 25	7d, 10e	23	8aiii	17, 21, 23	6a, 6b, 12i	20, 21,	4b, 4c
	Drug Interactions	29	7	30	7a			25	8a	21	8d	23		26		24, 25	8ci		9a, 9b, 9c, 9d		3bii, 10a, 11aii
Researching Chemistry	Stoichiometric calculations	11, 12	4, 5b, 11b		1e, 2, 7b, 9, 12	27, 30	3, 4c	26, 27, 28, 29, 30	4, 9b v	27, 28, 29	4 b ii, 6b iii, 7a, 10a	16, 24	3, 6c, 7b, 8a	27	3, 4c, 6, 9b		7b	24	7dii	22, 23	8dii, 10b
	Gravimetric analysis	11	5b		2, 12	30		29	4	22	6 b iii	28	6c	2, 3					5b		7ai
	Volumetric analysis	11	9		2		3		4	25, 27	10a		3a, b,						4a, 4b		7bi, 7bii
	Practical skills and techniques	21	4a-c		5b, 8a	28, 29	4b, d, 9e		4, 9b i, ii, iv	23, 24, 25, 30	7a, 11a	25, 26, 27, 29, 30	7c, 8b, c, 10c	28, 29, 30	3, 7a, 7d		3bi, 3bii, 4, 9c		4c, 5c, 7di, 10b, 12b, 12fii, 12g, 12h	24, 25	4ai, 4aiii, 7aii, 11biA, 11bii
	Problem Solving																	22, 25		5	2b
	Open Ended Questions		3, 11c		4, 10		7, 11b		3b iii, 8f		5, 10b		3c, 8d		4d, 8		3biii, 8cii		10ai		4d, 9

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		AH 2023		AH 2024		AH 2025	
		1	2	1	2	1	2
Inorganic Chemistry	Electromagnetic Radiation and Atomic Spectra		1ai, 6aiii		3b, 4aii	1	8a
	Atomic orbitals and Electronic Configuration	1, 3	1aii, 5a	1, 2	3a	2, 3	9
	Shape and polyatomic molecules	2		6	8b	4	
	Transition Metals	4	1aiiiA, 5b, 5c, 8aiii	3, 4, 5	3c, 9a, 10b	5, 6, 7	6bi, 10aii, 10bi
Physical Chemistry	Chemical Equilibrium	5, 6	6ai, 6aii, 7a, 7b, 7c	7, 8, 10	7aii, 8a, 11aii, 11aiii	8, 9, 10, 11	2b, 2cii, 5dii, 6bii
	Reaction Feasibility	7, 8, 9	1bi	11, 12	10a	13, 14	4aii
	Kinetics	10	2a, 2b, 2c	13	1a	12	12a
Organic Chemistry and Instrumental Analysis	Molecular Orbitals	11, 12	1aiiiB, 10ai, 10aii		4ai, 4b, 4c		2a, 2ci
	Synthesis	13, 14, 15, 16, 17	6c, 8b, 9, 10bi, 10bii, 10ci, 11a, 11b, 11c	14, 15, 16, 17, 18, 19, 20	2ai, 2d, 7ai, 10c, 10d, 12a, 12b, 12c, 12d	15, 16, 17, 18	4ai, 4b, 5ai, 7a, 8b, 11a
	Stereochemistry	18	10biii	21, 22	1b	19	1a, 1b, 1c, 1d
	Experimental determination of structure	19, 22	11ei, 11eii, 11eiiiA	23, 24	5, 6a, 6b, 6c	21	5aii, 5b, 5c
	Drug Interactions	20, 21, 24		25	2ci		7bii
Researching Chemistry	Stoichiometric calculations	25	1bii, 3b, 6bii, 8c		2b, 2cii, 11bii	20	6aii, 7bi, 10ai, 10bii
	Gravimetric analysis						3a, 3b, 3c
	Volumetric analysis						
	Practical skills and techniques	23	3a, 4, 6bi, 7d, 11eiiiB	9	2aii, 3d, 7b, 9b, 11ai	22, 23, 24, 25	5di, 5diii, 6ai, 10bii
	Problem Solving		3c, 8ai, 8aii, 10aiii, 10cii, 11d		10e, 11bi		6aiii, 11b, 12b
Open Ended Questions			4, 9		5, 12d		4bii, 9