

Reversible reactions and equilibrium

Q1. (2018)

04.3	$\rightleftharpoons$	ignore any extra words	1	AO1 5.6.2.1
------	----------------------	------------------------	---	----------------

Q2. (2018)

04.4	rate	allow speed allow pace do not accept time do not accept amount do not accept level do not accept point	1	AO1 5.6.2.3
------	------	---	---	----------------

Q3. (2019)

01.4	$\rightleftharpoons$	ignore any other words, formulae or symbols	1	AO1.1 5.6.2.1
------	----------------------	--	---	------------------

Q4. (2019)

01.5	endothermic (reaction)	spelling must be correct do not accept exothermic	1	AO1.1 5.6.2.2
------	------------------------	---	---	------------------

Q5. (2019)

01.6	rate (of reaction)	allow speed or velocity do not accept any other response	1	AO1 5.6.2.3
------	--------------------	---	---	----------------

Q6. (2020)

04.6	same volume / concentration of hydrogen peroxide (used)	ignore amount allow catalyst does not affect volume	1	AO3 5.6.1.1 5.6.1.2
------	--	---	---	---------------------------

The student repeated the experiment with other catalysts and plotted a graph for each of the catalysts used.

Q7. (2021)

01.1	(the symbol) $\rightleftharpoons$	allow description of reversible sign	1	AO1 5.6.2.1
------	-----------------------------------	---	---	----------------

Q8. (2021)

01.2	white	must be in this order	1	AO1 5.6.2.2
	blue		1	

Q9. (2022)

03.3	$\rightleftharpoons$	allow reversible sign / arrow	1	AO1 5.6.2.1
------	----------------------	-------------------------------	---	----------------

Q10. (2022)

03.4

exothermic

1

AO1
5.6.2.2

Q11. (2022)

03.5

rate

1

AO1
5.6.2.3