



A-Level Chemistry

Kinetics (Multiple Choice)

Mark Scheme

Time available: 24 minutes

Marks available: 21 marks

www.accesstuition.com

Mark schemes

1.	B		[1]
2.	A	<i>There is no reaction to form water because the molecules do not collide with sufficient energy.</i>	[1]
3.	A	<i>There are no molecules with zero energy.</i>	[1]
4.	C	<i>The rate of the reverse reaction increases.</i>	[1]
5.	B	<i>At a given temperature their average kinetic energy is constant</i>	[1]
6.	D	<i>The mean energy of the molecules is greater than the most probable energy of the molecules</i>	[1]
7.	D		[1]
8.	D		[1]
9.	A		[1]
10.	D		[1]
11.	A		[1]
12.	C		[1]
13.	B		[1]
14.	A		[1]

15. C [1]
16. C [1]
17. B [1]
18. B [1]
19. D [1]
20. B
At a fixed temperature their average kinetic energy is constant [1]
21. D
There is an increase in the most probable energy of the molecules. [1]