Question number	Answer	Notes	Marks
7 (a)	attempt to draw tangent to the curve at 70˚C; attempt at finding gradient of tangent; correct evaluation of gradient; final answer given as negative; e.g. tangent seen on graph at 70˚C gradient = [57-79]/600 gradient = −0.037 (˚C/s)	allow range of 0.030-0.045 independent mark	4
(b)	curve drawn of similar shape to original starting at 82 ˚C; <u>curve</u> drawn above original;		2

Total for Question 7 = 6 marks