Question	Answer	Marks	AOs	Guidance	
3	$\int_0^{\frac{\pi}{12}} \cos 3x \mathrm{d}x = \left[\frac{\sin 3x}{3}\right]_0^{\frac{\pi}{12}}$	B1	1.1	$\frac{\sin 3x}{3}$	
	$= \frac{1}{3}\left(\sin\frac{\pi}{4} - 0\right)$	M1	1.1		
	$= \frac{\sqrt{2}}{6}$ o.e.	A1	1.1	Must be in exact form	
		[3]			