Question number		Answer	Notes	Marks
6 (a)		a microphone; a loudspeaker;		2
b	i	$v = f \times \lambda$;	in words or accepted symbols any rearranged form	1
	ii	changing kHz into Hz; substitution; evaluation; e.g. 12 000 = 12 000 000 v = 25 x 12 000 000 300 000 000 (m/s)	seen anywhere 3.0×10^8 (m/s) POT error loses the conversion mark	3

Total 6 marks