

Question number	Answer	Notes	Marks
3 (a)	C (sound waves are longitudinal waves);		1
(b) (i)	C (the same as the amplitude of sound P);		1
(ii)	0.004 (s);	Allow answer by calculation or by reading from graph Allow equivalent value with matching unit, e.g. 4 ms	1
(iii)	500 (Hz)	Treat ii and iii as independent, but allow an ecf from ii to iii if seen Accept "double" P	1

Total 4 marks