

Q	Marking instructions	AO	Marks	Typical solution
13(a)	Uses at least one correct ratio PI by at least one correct value	3.1a	M1	Year 10: $\frac{200}{720} \times 50 = 13.9$
	Obtains at least 2 correct values Condone values given as decimals	1.1b	A1	Year 11: $\frac{240}{720} \times 50 = 16.7$
	Obtains all 4 correct integer values Y10: 14 Y11: 17 Y12: 10 Y13: 9 CAO	3.2a	A1	Year 12: $\frac{150}{720} \times 50 = 10.4$ Year 13: $\frac{130}{720} \times 50 = 9.0$ Y10: 14 Y11: 17 Y12: 10 Y13: 9
	Subtotal		3	

Q	Marking instructions	AO	Marks	Typical solution
13(b)	Gives any correct advantage of a stratified sample Accept: Provides greater precision/reliability The sample is representative of the population/each (year) group Unbiased	2.4	E1	Ensures each year group is included in the sample
	Subtotal		1	

	Question 13 Total		4	
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