

Question Number	Acceptable Answer	Additional guidance	Mark
2(a)	<p>An explanation that makes reference to the following:</p> <ul style="list-style-type: none"> • male 3 had same heart rate in both conditions so suggests no effect (1) • standard deviations overlap so difference may be chance (1) • caffeine concentration unknown / sample size small so may be unrepresentative (1) 		(3)

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2(b)	<p>A description that makes reference to three of the following:</p> <ul style="list-style-type: none"> • take into account resting heart rate (1) • include females in the sample (1) • have a range of ages in the sample (1) • take into account previous coffee drinking habits (1) • as heart rate is affected by exercise, need to take this into account (1) 		(3)

(Total for Question 2 = 6 marks)