

Questionnaires Mark Scheme		
1(a)	There is no timeframe given in the question i.e. is it the number of times exercise, per day, per week, or per month. Hence people may interpret the question differently. No time frame e.g. week	[1]
	Overlapping response boxes means people that want to select 3 hours can respond by ticking two different boxes. Also no response box for less than one hour.	[1]
1(b)	<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>For a typical week, for how long do you participate in moderate intensity to high intensity forms of exercise?</p> <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"><input type="checkbox"/> None</div> <div style="text-align: center;"><input type="checkbox"/> 0 – 30 mins</div> <div style="text-align: center;"><input type="checkbox"/> 31 – 90 mins</div> <div style="text-align: center;"><input type="checkbox"/> 91 + mins</div> </div> </div>	
	Suitable question must must be framed over a time period and include response boxes.	[2] Response boxes must not overlap
2(a)	<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>What is your current favourite music streaming service?</p> <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"><input type="checkbox"/> Stropify</div> <div style="text-align: center;"><input type="checkbox"/> Geezer</div> <div style="text-align: center;"><input type="checkbox"/> Tidle</div> <div style="text-align: center;"><input type="checkbox"/> Noisecloud</div> </div> <div style="margin-top: 10px;"> <input type="checkbox"/> Other Please Specify: _____ </div> </div>	
	Suitable question and appropriate answer boxes with different choices of music streaming services.	[2]
2(b)	Small sample size will not be representative of the entire class and there will be a bias introduced by only surveying a group of friends which will likely have similar responses to the question.	[2]

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3(a)	Question doesn't have a specified timeframe, missing £ sign for the 2 nd answer box, overlapping values. None is not an option.	[2] Any two from those given
3(b)	<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>How much pocket money do you normally get per week?</p> <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> None </div> <div style="text-align: center;"> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> £0.01 – £4.99 </div> <div style="text-align: center;"> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> £5 – £9.99 </div> <div style="text-align: center;"> <input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> £10 + </div> </div> </div>	
	Improved question needs to have a specified timeframe. Answer boxes must include the option for zero pocket money and have non-overlapping values.	[2]
4(a)	Sample frame is likely to have a biased view.	[1]
4(b)	Randomly sample people in her year	[1] A description of random sampling
	Sample a certain number of people from each class	[1] Stratified sampling suggested or a description of how to conduct the random sample.
4(c)	<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>What is your favourite three subjects at the moment? List them in order starting with the subject you like the most.</p> <div style="margin-top: 10px;"> <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;">1.</div> <div style="border: 1px solid black; width: 400px; height: 30px; margin-bottom: 5px;"></div> <div style="border-top: 1px dashed black; width: 400px; height: 5px; margin-bottom: 5px;"></div> </div> <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;">2.</div> <div style="border: 1px solid black; width: 400px; height: 30px; margin-bottom: 5px;"></div> <div style="border-top: 1px dashed black; width: 400px; height: 5px; margin-bottom: 5px;"></div> </div> <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;">3.</div> <div style="border: 1px solid black; width: 400px; height: 30px; margin-bottom: 5px;"></div> <div style="border-top: 1px dashed black; width: 400px; height: 5px; margin-bottom: 5px;"></div> </div> </div> </div>	

Turn over ►

5	<p>What is your gender?</p> <p><input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Other</p> <p>What is your age?</p> <p><input type="checkbox"/> 13 – 14 <input type="checkbox"/> 15 – 16 <input type="checkbox"/> 17 +</p> <p>How many times a week do you have breakfast?</p> <p><input type="checkbox"/> 1 – 2 <input type="checkbox"/> 5 – 6</p> <p><input type="checkbox"/> 3 – 4 <input type="checkbox"/> 7</p> <p>What do you eat for breakfast?</p> <p><input type="checkbox"/> Cereal <input type="checkbox"/> Porridge</p> <p><input type="checkbox"/> Toast <input type="checkbox"/> Nothing</p> <p><input type="checkbox"/> Other</p>	<p>Marks awarded either for corrected questionnaire as shown or for identifying problem and solution for each question.</p>
	Question 1: Answers didn't specify a gender.	[1]
	Question 2: Age groups were overlapping, i.e. Which box would a 16-year-old tick.	[1]
	Question 3: Suggests a numerical answer.	[1]
	Question 4: Some people may not have breakfast, or something different to cereal or toast.	[1]
6	<p>Are you male or female?</p> <p><input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Other</p> <p>What is your age?</p> <p><input type="checkbox"/> 16 – 21 <input type="checkbox"/> 22 – 30</p> <p><input type="checkbox"/> 31 – 40 <input type="checkbox"/> 41 +</p> <p>How many times a week do you attend the gym?</p> <p><input type="checkbox"/> 1 – 2 <input type="checkbox"/> 3 – 5 <input type="checkbox"/> 6 +</p> <p>How often do you take a water bottle with you to the gym?</p> <p><input type="checkbox"/> Never <input type="checkbox"/> Sometimes</p> <p><input type="checkbox"/> Often <input type="checkbox"/> Always</p>	<p>[1] Gender asked</p> <p>[1] Age asked with non overlapping groups</p> <p>[1] Frequency of gym use with time frame given</p> <p>[1] Water bottle question given</p> <p>Marks awarded for logical and relevant questionnaire that collects data for all the four points raised in the question.</p> <p>Marks should only be awarded if the options provided are applicable to the question and do not introduce ambiguity e.g. overlapping age groups.</p>

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