

Questionnaires

Please write clearly in block capitals

Forename:

Surname:

Materials

For this paper you must have:

- mathematical instruments



You **can** use a calculator.

Instructions

- Use black ink or black ball-point pen. Draw diagrams in pencil.
- Fill in the boxes at the top of this page.
- Answer all questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- You may ask for graph paper, tracing paper and more answer paper. These must be tagged securely to this answer book.

Advice

- In all calculations, show clearly how you work out your answer.

- 1 Samantha wants to find out how much time people spend exercising.
She designs the following questionnaire.

How much time do you spend exercising?		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1 – 3 hours	3 – 5 hours	5 + hours

- 1(a) State **two** things wrong with this question.

[2 marks]

- 1(b) In the space below, design a better question for Samantha to use to find out how much time people spend exercising per week.

You must include response boxes in your answer.

[2 marks]

Turn over for next question

Turn over ►

2(a) Chris wants to design a questionnaire to assess his classmates favourite music streaming service.

Design a suitable question for Chris to use in the space provided.

You must include response boxes in your answer.

[2 marks]

2(b) Chris only prints 10 copies to give out to his classmates, giving the first copies to his friends.

Give a reason why this is not a good approach for surveying the class.

[2 marks]



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Turn over ►

- 3** Lana is trying to find out how much pocket money people in her year receive
She designs a survey to find out.

How much pocket money do you get?		
<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>
£1 – £5	5 – 10	£10 +

- 3(a)** Write down two things wrong with this question.

[2 marks]

- 3(b)** In the space below, design a better question for Lana to use.

[2 marks]

Turn over for next question

Turn over ►

- 4(a)** Charlotte wants to find out what subject her year group likes best. She does this by printing off the questionnaire to hand out to her History class.

Why is this not a good approach.

[1 mark]

Answer _____

- 4(b)** Describe how Charlotte could get a better sample of data to determine the favourite subject in her year group.

[2 marks]

Answer _____

- 4(c)** In the space provided design an appropriate questionnaire for charlotte.

[2 marks]

Turn over for next question

5

A group of students create the following questionnaire to find out about breakfast habits in their class.

Find any errors in their design and suggest an improvement for each error.

What is your gender?

☐ Yes ☐ No ☐ Other

What is your age?

☐ 13 – 14 ☐ 15 – 16 ☐ 16 +

How many times a week do you have breakfast?

☐ Never

☐ Sometimes

☐ Often

Do you eat cereal or toast for breakfast?

☐ Cereal

☐ Toast

[4 marks]

Turn over for next question

Turn over ►

6

Design a questionnaire that enables you to collect data to determine how often people in a gym take a water bottle with them when training.

Your questionnaire should also collect data on gender, age and frequency of gym use.

[4 marks]

End of Questions

END