BETTER QUESTION FOR QUESTIONAIRE

Pearson Edexcel - Thursday 26 May 2016 - Paper 1 (Non-Calculator) Higher Tier

1.

3   Richard wants to find out how often people buy crisps.
    He uses this question on a questionnaire.

    How often do you buy crisps?

    Often ☐   Sometimes ☐   Never ☐

    (a) Write down **two** things that are wrong with this question.

    1..

    ....

    2..

    ....

                                                                                                          (2)

    (b) Design a better question for Richard to use on his questionnaire to find out how often
        people buy crisps.

                                                                                                          (2)

    Richard is going to ask the students in his maths class to answer his questionnaire.

    (c) This may **not** be a good sample to use.
        Give one reason why.

    ....

    ....

                                                                                                          (1)

                                                                    (Total for Question 3 is 5 marks)

Pearson Edexcel - Wednesday 4 November 2015 - Paper 1 (Non-Calculator) Higher Tier

2.

7 Martin wants to find out how often students use the local tram service.
   He uses this question on a questionnaire.

   How often do you use the local tram service?

   ☐   ☐   ☐

   a little   sometimes   a lot

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

1 ....

....

2 ....

....

                                                                                                        (2)

   (b) Design a better question for a questionnaire for Martin to find out how often students
       use the local tram service.

                                                                                                        (2)

                                                      (Total for Question 7 is 4 marks)

Pearson Edexcel - Thursday 4 June 2015 - Paper 1 (Non-Calculator) Higher Tier

3.

3 Sean works for a town council.
He wants to find out how often people use the BMX track in the town.
He is going to use a questionnaire.

Design a suitable question for Sean to use in his questionnaire.

(Total for Question 3 is 2 marks)

Pearson Edexcel - Wednesday 5 November 2014 - Paper 1 (Non-Calculator) Higher Tier

4.

9 Jack wants to find out how far people live from their nearest supermarket.

He uses this question on a questionnaire.

How far do you live from your nearest supermarket?

☐ ☐ ☐ ☐

0 to 2   2 to 3   3 to 4   5 to 6

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

1 ....

....

2 ....

....

(2)

Jack also wants to find out how often people go shopping.

(b) Write a question Jack could use on his questionnaire to find out how often people go shopping.

(2)

(Total for Question 9 is 4 marks)

Pearson Edexcel - Monday 9 June 2014 - Paper 1 (Non-Calculator) Higher Tier

5.

5 Rebecca wants to find out how many books people buy.
She is going to use a questionnaire.

Design a suitable question for Rebecca to use in her questionnaire.

(Total for Question 5 is 2 marks)

Pearson Edexcel - Wednesday 6 November 2013 - Paper 1 (Non-Calculator) Higher Tier

6.

9 Julia is investigating how much exercise people do in a week.

She uses these two questions in a questionnaire.

Question 1   What is your age?

☐   ☐   ☐   ☐

Under 15   15 to 25   25 to 40   over 40

Question 2   How much exercise do you do?

☐   ☐   ☐

A bit   Some   A lot

(a) Write down **one** thing wrong with each of these questions.

Question 1

....

....

Question 2

....

....

(2)

Julia wants to know how much time people spend exercising.

(b) Design a question Julia could use in her questionnaire.

(2)

(Total for Question 9 is 4 marks)

Pearson Edexcel - Friday 14 June 2013 - Paper 2 (Calculator) Higher Tier

7.

5 Mason is doing a survey to find out how many magazines people buy.

He uses this question on his questionnaire.

How many magazines do you buy?		
0 to 4	4 to 8	8 to 12

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

1 ....

....

2 ....

....

(2)

(b) Write a better question for Mason to use on his questionnaire to find out how many
magazines people buy.

(2)

Mason asks his friends at school to do his questionnaire.
This may **not** be a good sample to use.

(c) Give **one** reason why.

....

....

....

(1)

(Total for Question 5 is 5 marks)

Pearson Edexcel - Thursday 28 February 2013 - Paper 1 (Non-Calculator) Higher Tier

8.

3 Paula wants to find out how much money people spend buying CDs.

She uses this question on a questionnaire.

> How much money do you spend buying CDs?
>
> ☐ £10 – £30 ☐ £30 – £50 ☐ £50 – £70 ☐ more than £70

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

1 ....

....

2 ....

....

(2)

Paula asks 100 people in a CD store to do her questionnaire.

(b) Her sample is biased.
    Explain why.

....

....

(1)

(Total for Question 3 is 3 marks)

Pearson Edexcel - Tuesday 6 November 2012 - Paper 1 (Non-Calculator) Higher Tier

9.

4 Alison wants to find out how much time people spend reading books.
   She is going to use a questionnaire.

   Design a suitable question for Alison to use in her questionnaire.

(Total for Question 4 is 2 marks)

3 Pradeep wants to find out how much time people spend playing sport.

He uses this question on a questionnaire.

How much time do you spend playing sport?

☐ ☐ ☐

0 – 1 hours   1 – 2 hours   3 – 4 hours

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

1 ....

....

2 ....

....

(2)

(b) Design a better question for Pradeep's questionnaire to find out how much time people spend playing sport.

(2)

(Total for Question 3 is 4 marks)

3. Gary wants to find out how much time teenagers spend listening to music.

He uses this question on a questionnaire.

How many hours do you spend listening to music?

1 to 5	5 to 10	10 to 20	over 20

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

1 ....

....

2 ....

....

(2)

(b) Design a better question for Gary's questionnaire to find out how much time teenagers spend listening to music.

(2)

(Total 4 marks)

Pearson Edexcel - Monday 6 June 2011 - Paper 3 (Non-Calculator) Higher Tier

12.

8. Sophie wants to find out the amount of time people exercise.
She will use a questionnaire.

   (a) Design a suitable question for Sophie to use in her questionnaire.
   You must include some response boxes.

   (2)

   Sophie asks the people at her swimming pool to complete her questionnaire.
   This may **not** be a suitable sample.

   (b) Give a reason why.

   ....

   ....

   (1)

   (Total 3 marks)

Pearson Edexcel - Friday 12 November 2010 - Paper 4 (Calculator) Higher Tier

13.

15. 200 students in Year 11 took a mathematics test.
Kamini wants to find out whether students in Year 11 like mathematics.

For her sample she asks the 20 students who got the highest marks in the test.

This is **not** a good sample to use.

(a) Write down **one** reason why.

....

....

(1)

She uses this question on her questionnaire.

What do you think of mathematics?

☐   ☐   ☐

Excellent   Very good   Good

(b) Write down **one** thing that is wrong with this question.

....

....

(1)

Kamini also wants to find out how many hours students spend on their mathematics homework.

(c) Design a suitable question that Kamini could use on her questionnaire.
You must include some response boxes.

(2)

(Total 4 marks)

Pearson Edexcel - Monday 7 June 2010 - Paper 3 (Non-Calculator) Higher Tier

14.

13. Anil wants to find out how many DVDs people buy.

He uses this question on a questionnaire.

How many DVDs do you buy?

☐   ☐   ☐   ☐

1 – 5   5 – 10   10 – 15   15 – 20

Write down **two** different things wrong with this question.

1 ....

....

2 ....

....

(Total 2 marks)

Pearson Edexcel - Thursday 5 November 2009 - Paper 3 (Non-Calculator) Higher Tier

15.

8. Simon wants to find out how much people spend using their mobile phone.

He uses this question on a questionnaire.

> How much do you spend using your mobile phone?
>
> ☐   ☐   ☐
>
> £1–£5   £5–£10   £10–£15

(a) Write down **two** things that are wrong with this question.

1 ....

....

2 ....

....

(2)

(b) Design a better question for his questionnaire to find out how much people spend using their mobile phone.
You should include some response boxes.

(2)

(Total 4 marks)