

Write your name here

Surname

Other names

In the style of:
Pearson Edexcel
GCSE

Centre Number

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Candidate Number

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Mathematics

Questionnaires

Higher Tier

GCSE style questions arranged by topic

Paper Reference

1MA0/1H

You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB pencil, eraser.

Total Marks



Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- **Calculators may not be used.**
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- You must **show all your working out.**

Information

- The total mark for this paper is 80
- The marks for **each** question are shown in brackets – *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ►



1 (a) Match the data collection methods to **the** situations.

The first one is done for you.

Watch how people climb steps  Data Logging

Obtain opinions on school dinners Observation

Collect data on pulse rate after exercise Experiment

Record number of people entering and leaving a building Questionnaire

(2)

Design a questionnaire to find out the age and gender of some people.

Write **two** questions. You should include some response boxes.

. Question 1

Question 2

(4)



2 Peter wants to find out how much people spend on their lunch. He uses this question on a questionnaire.

| | | |
|--------------------------------------|--------------------------|--------------------------|
| How much do you spend on your lunch? | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| £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 on their lunch.
You should include some response boxes.

(2)

(Total 4 marks)



3 Ron is going to take a survey of the games played by students.

He wants to design a questionnaire.

- (a) Design a suitable question that he could use to find out what types of game students play.

(2)

Ron put the question below on his questionnaire.

‘How many games have you played?’

A few

A lot

- (b) Design a better question.
You should include some response boxes.

(2)

(Total 4 marks)



4 Georgina wants to find out how often adults go to the library. She uses this question on a questionnaire.

“How many times do you go to the library?”

| | | |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Not very often | Sometimes | A lot |

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

1

.....

2

.....

(2)

(b) Design a better question for her questionnaire to find out how often adults go to the library.
You should include some response boxes.

(2)

(Total 4 marks)



5 Will wants to find out how many tunes people download.

He uses this question on a questionnaire.

How many tunes do you download?

1 – 5

5 – 10

10 – 15

15 – 20

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

1

.....

2

.....

(Total 2 marks)



6 Sophie wants to find out the amount of time people listen to music. 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 a concert to complete her questionnaire. This may **not** be a suitable sample.

(b) Give a reason why.

.....
.....

(1)

(Total 3 marks)



