AQA

From summer 2024, the total examination time has changed.

If you intend to use this with students allow them 1 hour 30 minutes.

Surname _____

Other Names _____

Centre Number _____

Candidate Number _____

Candidate Signature _____

I declare this is my own work.

GCSE GEOGRAPHY

8035/3

Paper 3   Geographical Applications

Thursday 11 June 2020   Morning

Time allowed: 1 hour 15 minutes

At the top of the page, write your surname and other names, your centre number, your candidate number and add your signature.

[Turn over]

For this paper you must have:
- the Pre-release resources booklet (enclosed)
- a pencil
- a rubber
- a ruler.

You may use a calculator.

INSTRUCTIONS

- Use black ink or black ball-point pen.

- Answer ALL questions.

- You must answer the questions in the spaces provided. Do not write 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.**

- **The total number of marks available for this paper is 76.**

- **Spelling, punctuation, grammar and specialist terminology will be assessed in Questions 03.1 and 05.4.**
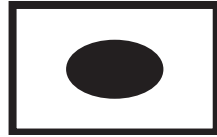
DO NOT TURN OVER UNTIL TOLD TO DO SO

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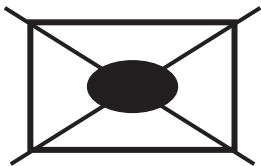**For the multiple-choice questions, shade the circle next to the correct answer.**
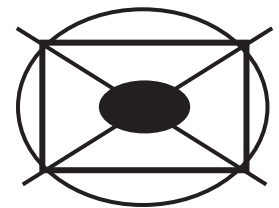
CORRECT METHOD

WRONG METHODS

If you want to change your answer you must cross out your original answer as shown.

If you wish to return to an answer previously crossed out, ring the answer you now wish to select as shown.

[Turn over]

SECTION A Issue evaluation

Answer ALL questions in this section.

Study FIGURE 1, on pages 4 to 11 in the resources booklet, 'An increasingly urban world'.

| 0 | 1 | . | 1 |

In which year were global urban and rural populations the same?

Shade ONE circle only. [1 mark]

☐ **A 2004**

☐ **B 2007**

☐ **C 2010**

☐ **D 2013**

| 0 | 1 | . | 2 |

Which of the following statements is correct?

Shade ONE circle only. [1 mark]

◯ **A** **Latin America/Caribbean is predicted to double its % urban population between 1950–2030**

◯ **B** **The % urban population in Europe is expected to fall between 2007–2030**

◯ **C** **By 2030 over 90% of the population in North America will live in urban areas**

◯ **D** **By 2030 Asia will be the continent with the highest % urban population**

[Turn over]

0 1 . 3

Explain the link between economic development and urbanisation. [4 marks]

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[Turn over]

0 1 . **4**

Suggest TWO reasons why estimates of future urban population may not be accurate. [2 marks]

1 _____

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2 _____

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0 1 . 5

Suggest ONE challenge that urbanisation creates for rural areas. [2 marks]

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10

[Turn over]

Study FIGURE 2, on pages 12 to 23 in the resources booklet, 'The growth of slums in LICs and NEEs'.

| 0 | 2 | . | 1 |

Suggest why cities in LICs and NEEs are often referred to as 'unequal cities'.
[6 marks]

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| 0 | 2 | . | 2 |

Compare levels of access to piped water in urban and rural areas shown in FIGURE 2. [2 marks]

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| 0 | 2 | . | 3 |

Suggest why it might be helpful to describe the growth of African cities as 'population growth per hour'. [1 mark]

[Turn over]

0	2	.	4

'Urban planners are finding it challenging to keep up with the growth of cities in LICs and NEEs.'

To what extent do you agree with this statement? [6 marks]

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15

Study FIGURE 3, on pages 24 to 32 in the resources booklet, 'Slums of hope or slums of despair?'

| 0 | 3 |

'Slums of hope or slums of despair?'

Which do you think best describes urban slums in LIC/NEE cities?

Use evidence from the resources booklet and your own understanding to support your answer. [9 marks] [+3 SPaG marks]

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[Turn over]

12

[End of Section A]

[Turn over]

SECTION B   Fieldwork

Answer ALL questions in this section.

A student wanted to carry out a human geography enquiry in their local town by investigating the question 'Does the town centre have a parking problem?'

In order to do this the student carried out primary research, including a questionnaire and a car park survey.
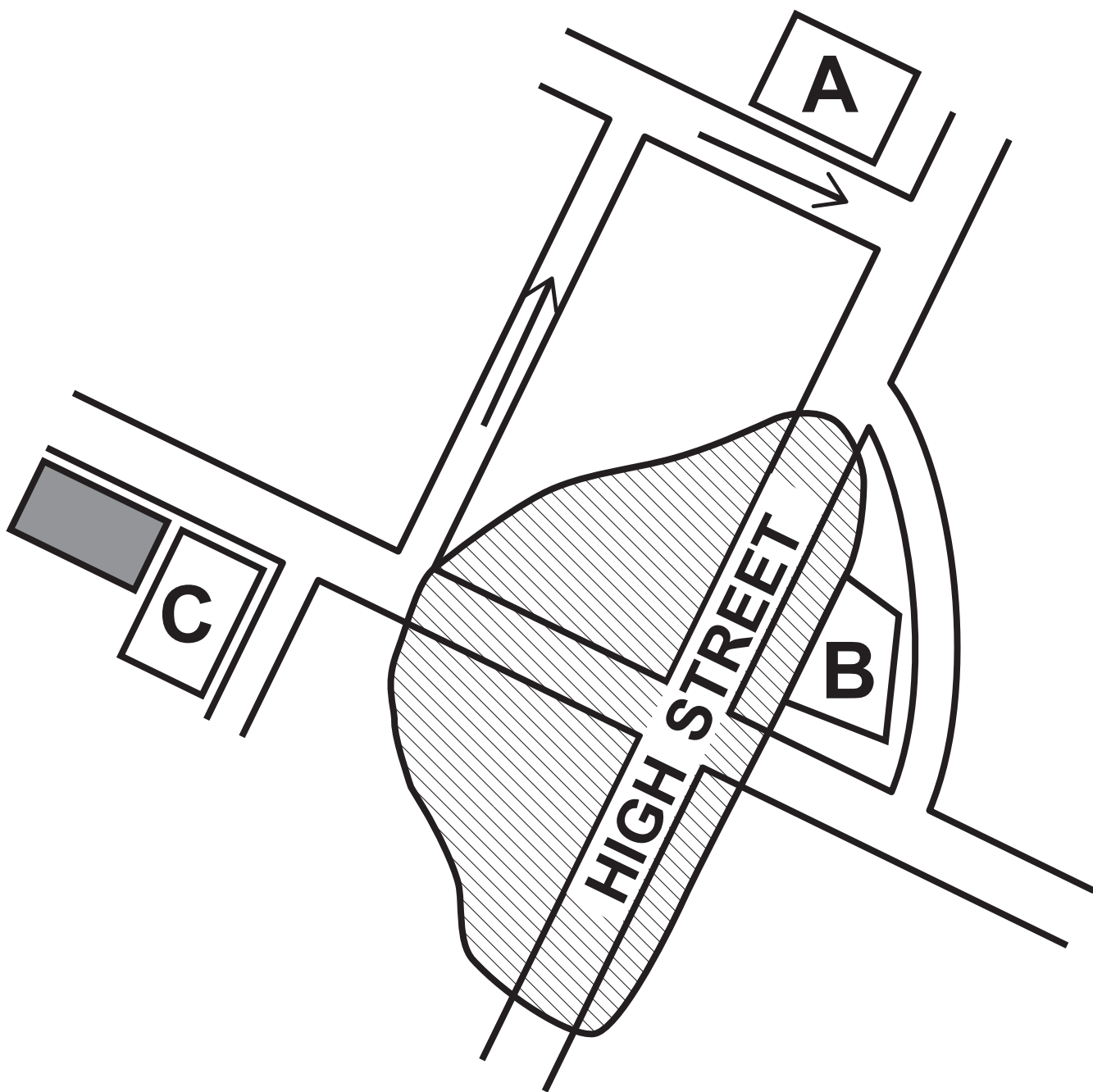
Study FIGURE 4, on pages 25, 26 and 27 which shows the results of the questionnaire and car park survey.

FIGURE 4

CAR PARK SURVEY
of the three car parks (A, B and C)

		% full
A	Wednesday 3 pm	32
	Saturday 11 am	63
B	Wednesday 3 pm	74
	Saturday 11 am	91
C	Wednesday 3 pm	52
	Saturday 11 am	75

[Turn over]

KEY

Car park (A, B or C)

Supermarket

Main shopping area

→ One-way street

0   500 m

Questionnaire results (100 people)

QUESTION 1
How did you travel to the town centre today?

Car	–	52
Bus	–	17
Walked	–	27
Others	–	4

QUESTION 2
Do you think the town centre has a parking problem?

Yes	–	37
No	–	21
Don't know	–	42

[Turn over]

0	4	.	1

Complete the pie chart below to show the results of Question 2 in the questionnaire (FIGURE 4) on pages 25, 26 and 27.
[1 mark]
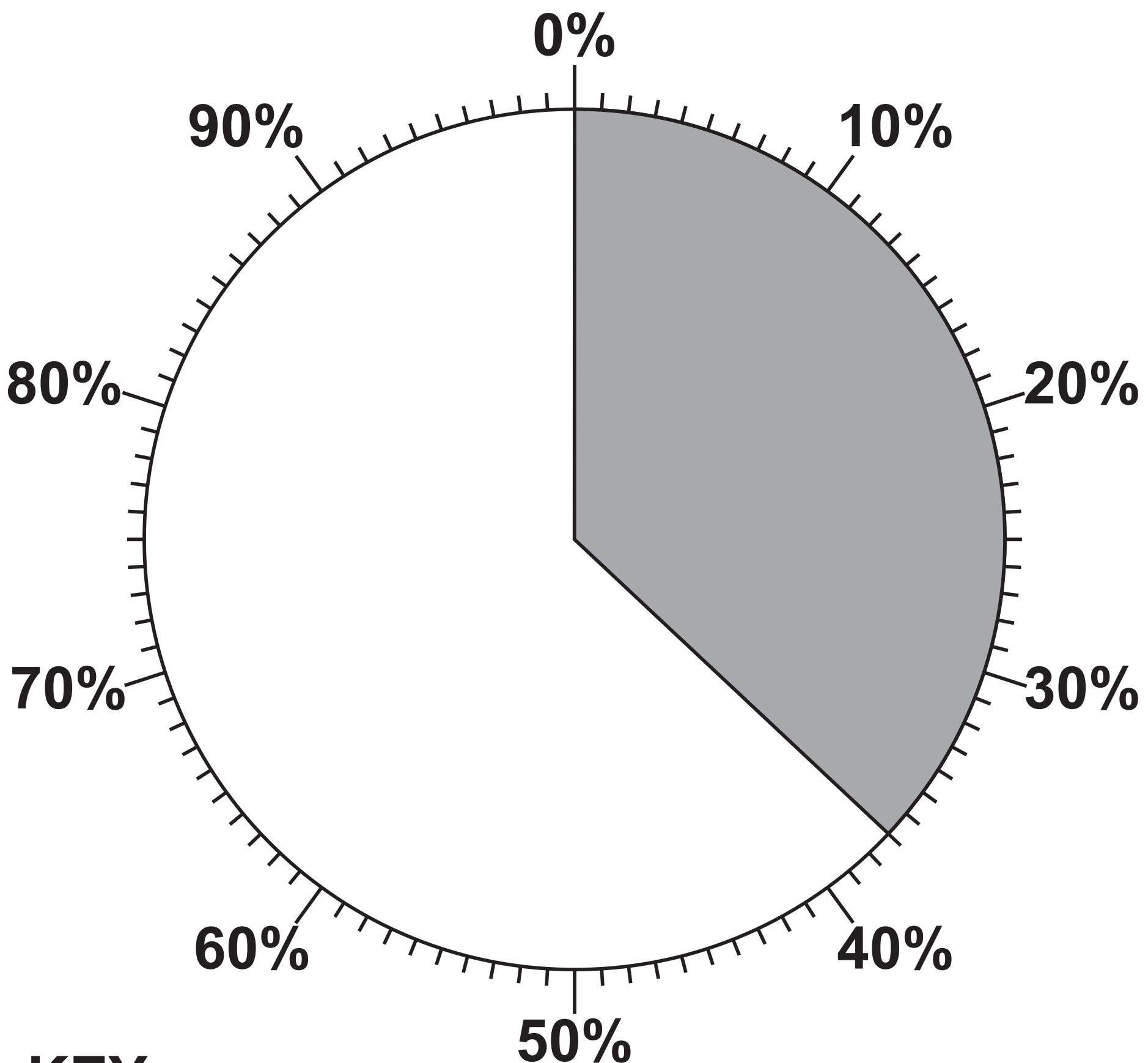
KEY

Yes   No   Don't know

0 4 . 2

Using FIGURE 4, describe the pattern shown by the results of the car park survey. [2 marks]

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[Turn over]

0 4 . 3

To what extent can the student draw reliable conclusions from the data?
[4 marks]

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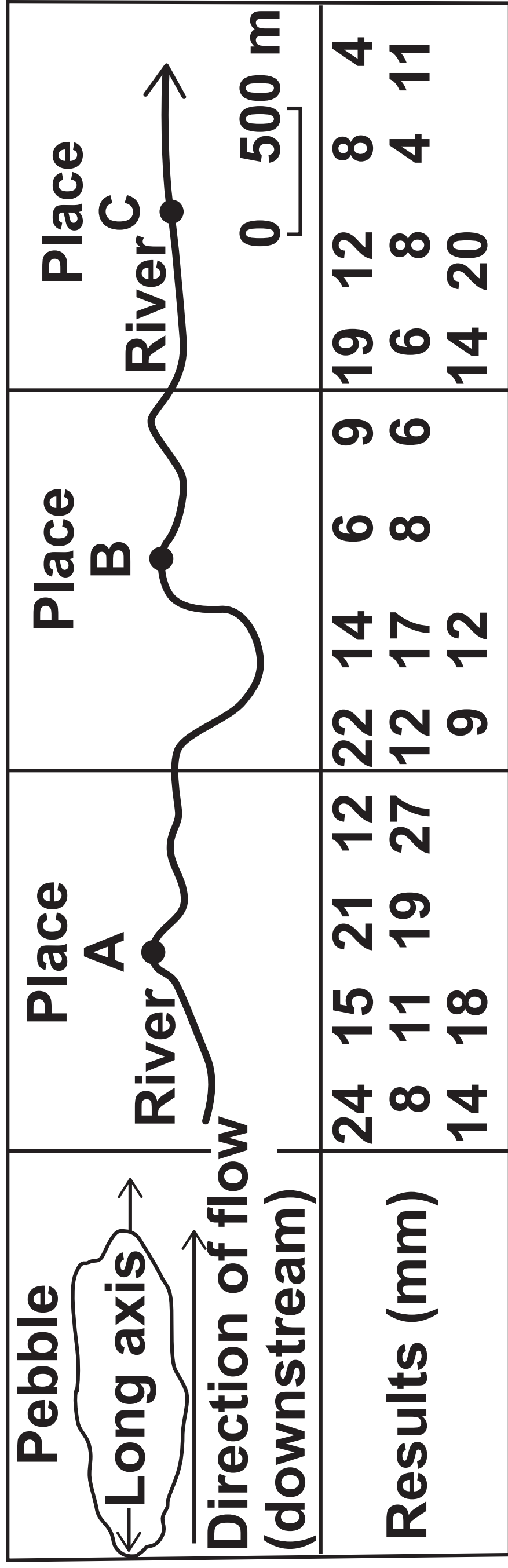
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[Turn over]

A group of students wanted to investigate the hypothesis that 'The size of pebbles in a river is smaller as the river flows downstream'.

In order to do this the students measured the long axis of ten pebbles from three different places (A, B and C) along the river.

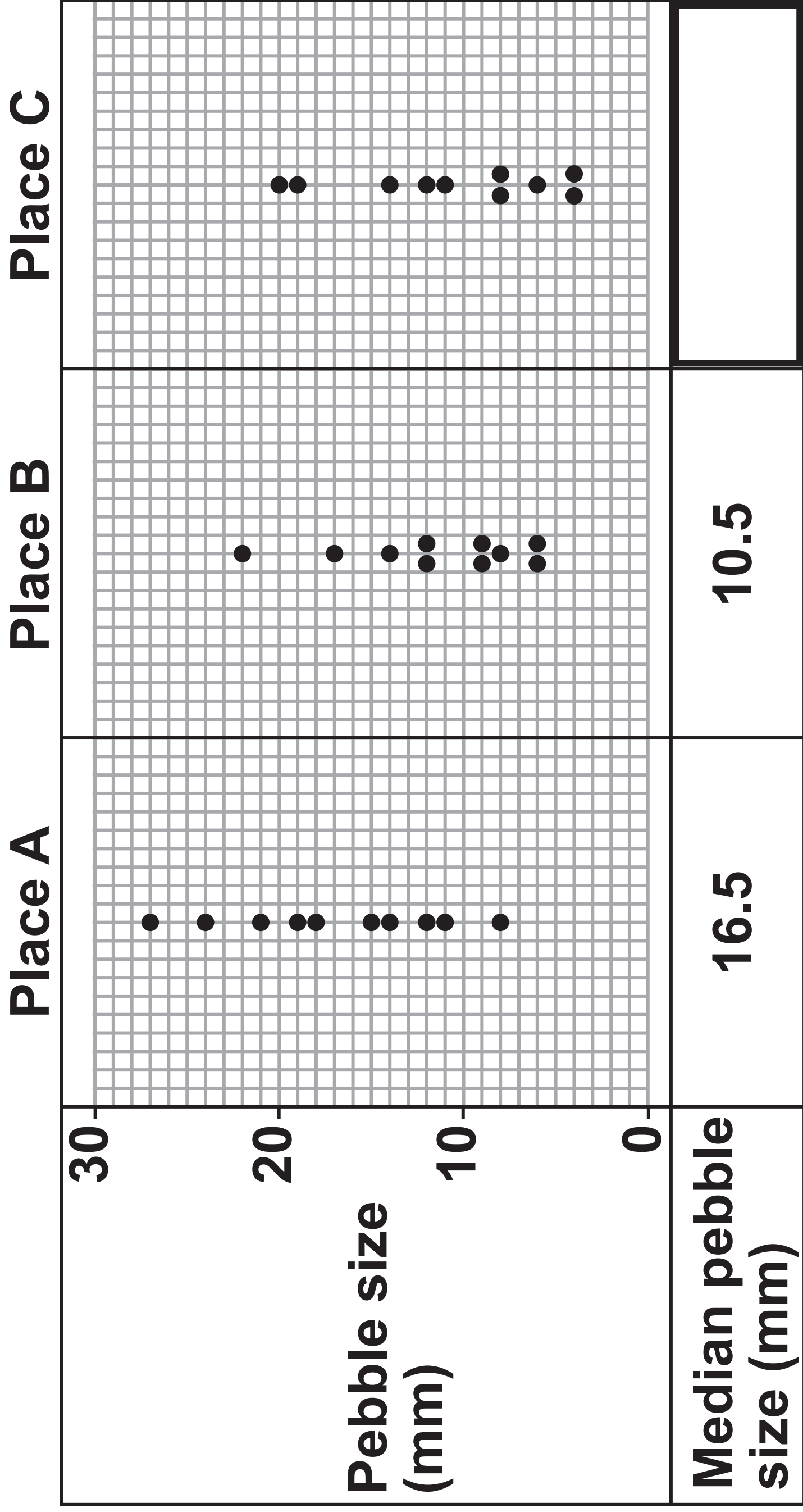Study FIGURE 5, on page 33, a table showing the results of the survey.

FIGURE 5

Pebble	Place A	Place B	Place C
Direction of flow (downstream)	River		River C →
Results (mm)	24 15 12 8 11 27 14 18	22 6 9 12 8 6 9	19 8 4 6 4 11 14 20

0   500 m

0 4 . 4

Complete the diagram below by filling in the median pebble size for place C.
[1 mark]

	Place A	Place B	Place C
Median pebble size (mm)	16.5	10.5	

Pebble size (mm)

0 4 . 5

Outline the conclusions that the students could draw from the data. [2 marks]

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0 4 . 6

Suggest TWO ways that the data collection method could be adapted in order to make it more useful. [2 marks]

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2 _____

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[Turn over]

A student wanted to investigate deprivation in an area of a city. As part of their enquiry they used the following secondary data (FIGURE 6).
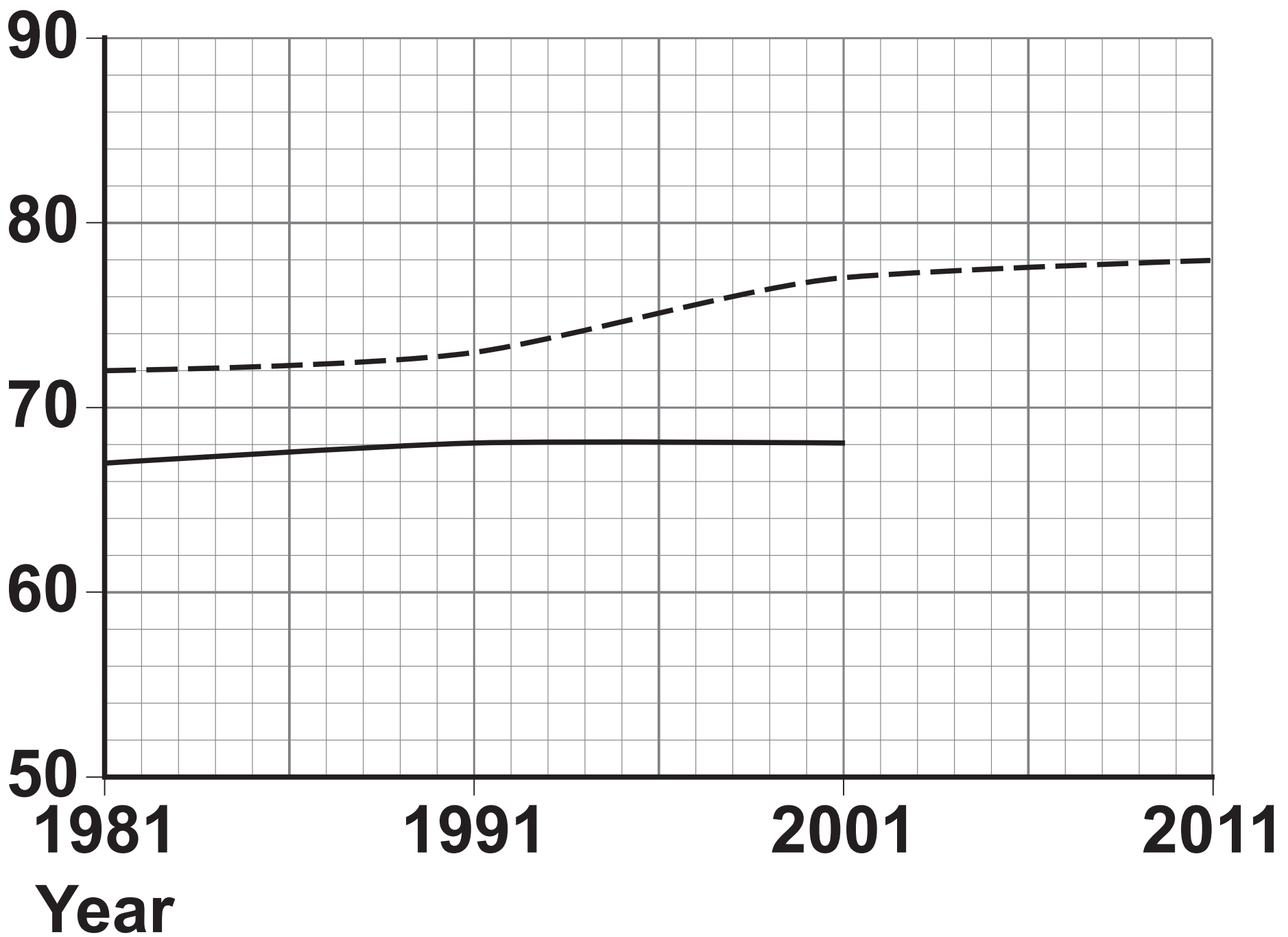
FIGURE 6

Life expectancy (years)	1981	1991	2001	2011
Study area	67	68	68	70
City average	72	73	77	78

0 4 . 7

Complete the graph below to show life expectancy in the study area. [1 mark]

Life expectancy (years)

Year

KEY --- **City average** —— **Study area**

[Turn over]

| 0 | 4 | . | 8 |

In 2001, how many years lower was life expectancy in the study area than the city average? [1 mark]

_____

| 0 | 4 | . | 9 |

Suggest TWO types of primary data that the student could use in their urban deprivation enquiry. [2 marks]

1 _____

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2 _____

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For ONE of your fieldwork enquiries, suggest how anomalies in your data could affect your fieldwork enquiry.
[2 marks]

Title of fieldwork enquiry

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Write the title of your HUMAN geography fieldwork enquiry.

Title of human geography fieldwork enquiry

_____

[Turn over]

0	5	.	2

Justify the use of ONE of the following in your human geography enquiry:

- **maps**
- **photographs**
- **field sketches.**

[3 marks]

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[Turn over]

Write the title of your PHYSICAL geography fieldwork enquiry.

Title of physical geography fieldwork enquiry

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| 0 | 5 | . | 3 |

Assess the effectiveness of your data collection method(s). [6 marks]

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0 5 . 4

For one of your fieldwork enquiries, to what extent did your results and conclusions meet the original aim of your enquiry? [9 marks] [+3 SPaG marks]

Title of fieldwork enquiry

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[Turn over]

END OF QUESTIONS

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