

Please write clearly in block capitals.

Centre number

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Candidate number

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Surname

Forename(s)

Candidate signature

I declare this is my own work.

GCSE GEOGRAPHY

Paper 3 Geographical Applications

Thursday 11 June 2020

Morning

Time allowed: 1 hour 15 minutes

Materials

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.
- 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.
- The total number of marks available for this paper is 76.
- HIC is a higher income country.
- LIC is a lower income country.
- NEE is a newly emerging economy.
- Spelling, punctuation, grammar and specialist terminology will be assessed in Questions **03.1** and **05.4**.

For Examiner's Use	
Question	Mark
1	
2	
3	
4	
5	
TOTAL	



J U N 2 0 8 0 3 5 3 0 1

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. 

Section A Issue evaluation

Answer **all** questions in this section.

Study **Figure 1** 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

☐☐☐☐

0 1 . 3 Explain the link between economic development and urbanisation.

[4 marks]

Extra space

Question 1 continues on the next page

Turn over ►



0 1 . 4

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

1 _____

2 _____

0 1 . 5

Suggest **one** challenge that urbanisation creates for rural areas.

[2 marks]

10



Suggest why cities in LICs and NEEs are often referred to as ‘unequal cities’.

[illegible]

Extra space _____

Turn over ►



0 2 . 2

Compare levels of access to piped water in urban and rural areas shown in **Figure 2**.

[2 marks]

0 2 . 3

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

[1 mark]



[6 marks]

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

15

Turn over for the next question

Turn over ►



0	3
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[9 marks]
[+3 SPaG marks]

Extra space _____



12

End of Section A

Turn over for Section B

Turn over ►



Section B Fieldwork

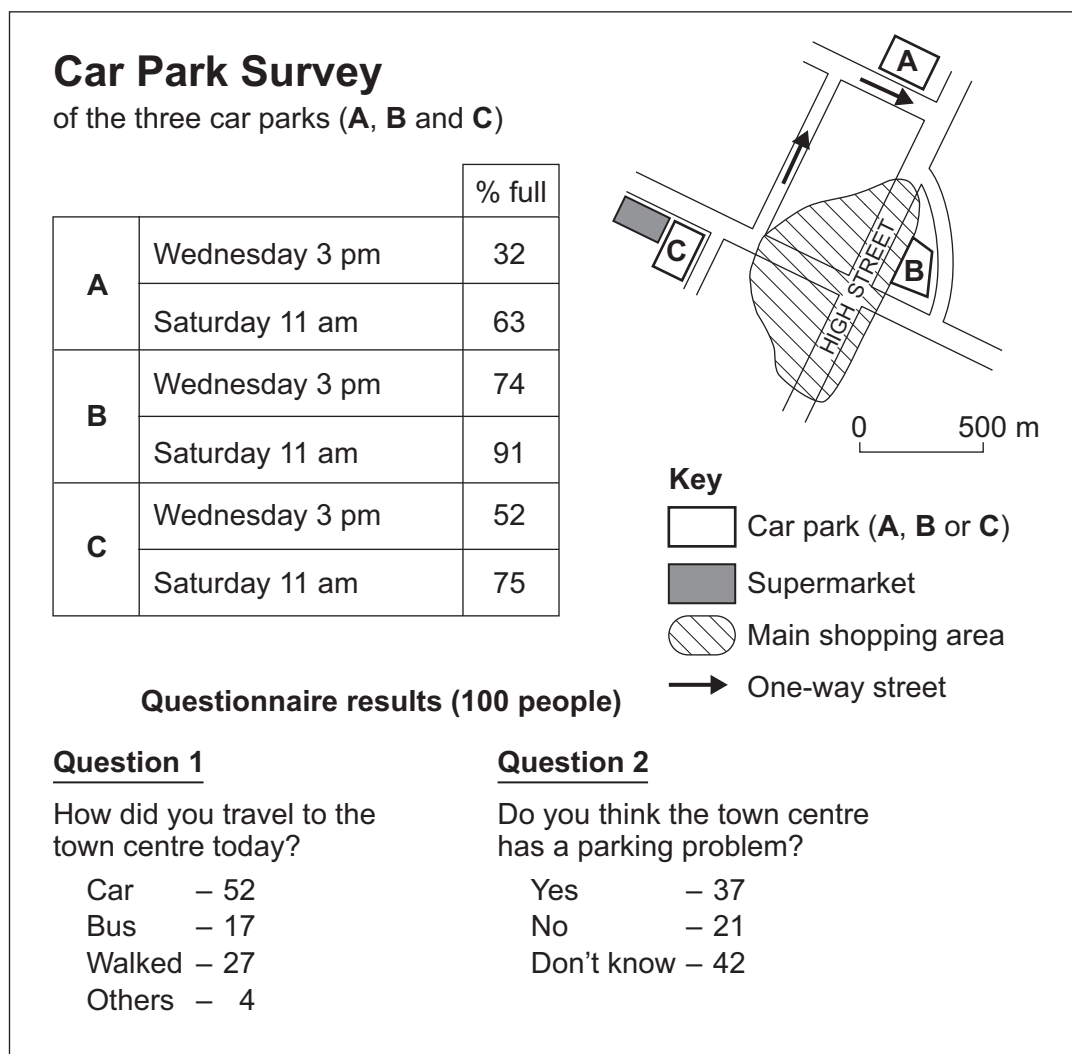
Answer **all** questions in this section.

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**, which shows the results of the questionnaire and car park survey.

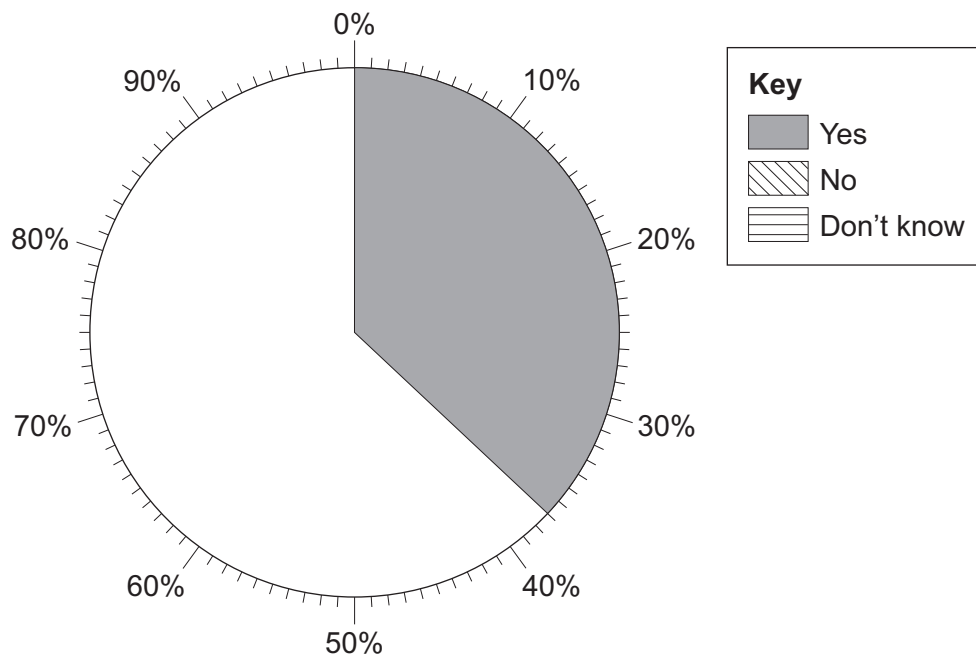
Figure 4



0 4 . 1

Complete the pie chart below to show the results of **Question 2** in the questionnaire (**Figure 4**).

[1 mark]



0 4 . 2

Using **Figure 4**, describe the pattern shown by the results of the car park survey.

[2 marks]

0 4 . 3

To what extent can the student draw reliable conclusions from the data?

[4 marks]

Turn over ►



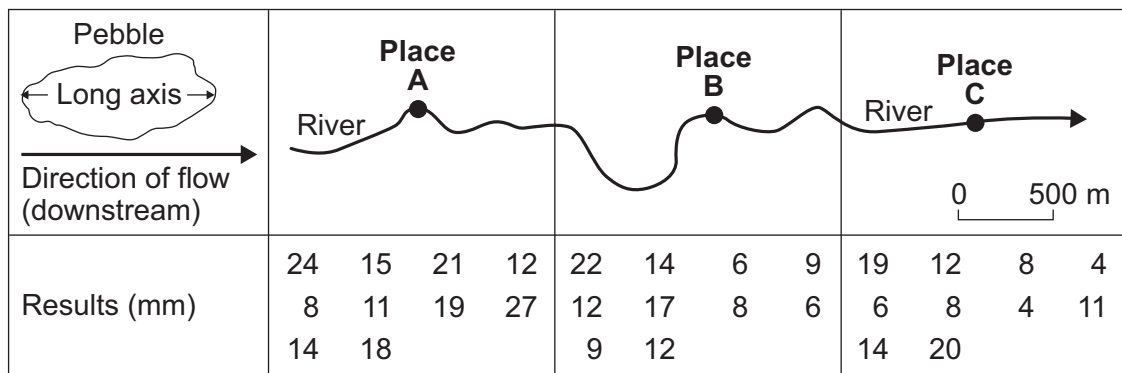
Extra space _____

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.

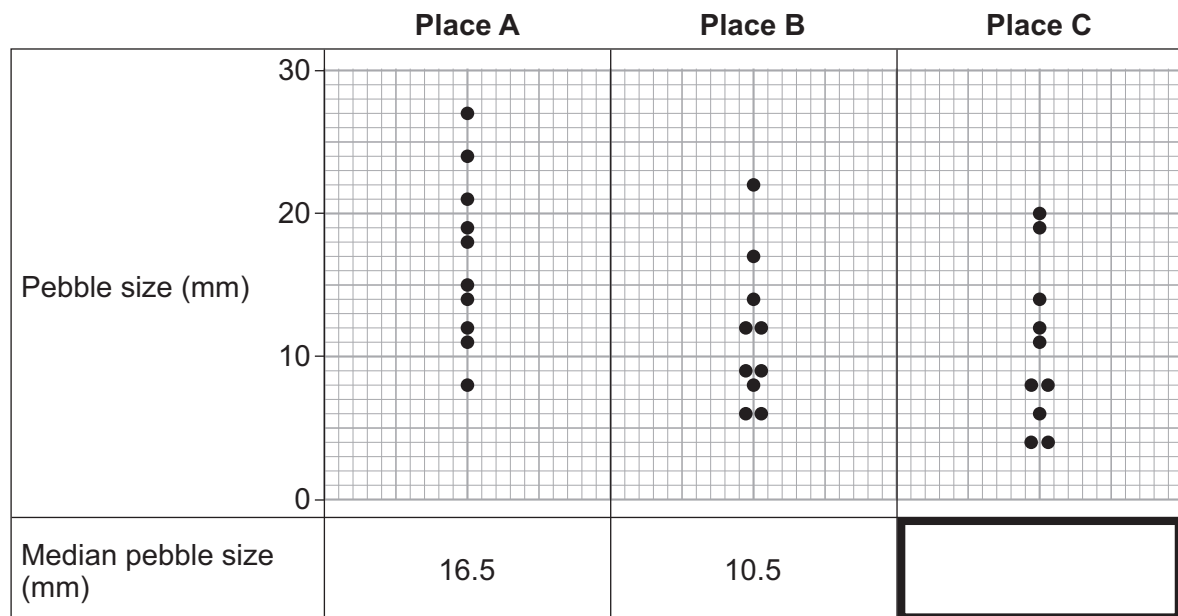
Study **Figure 5**, a table showing the results of the survey.

Figure 5



0 4 . 4 Complete the diagram below by filling in the median pebble size for place **C**.

[1 mark]



0 4 . 5

Outline the conclusions that the students could draw from the data.

[2 marks]

0 4 . 6Suggest **two** ways that the data collection method could be adapted in order to make it more useful.**[2 marks]**

1

2

Question 4 continues on the next page**Turn over ►**

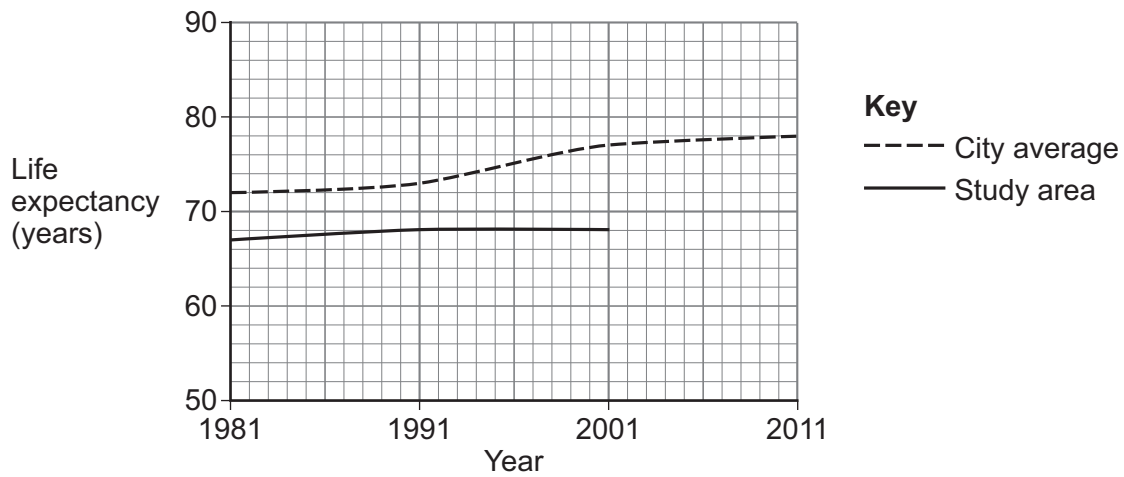
A student wanted to investigate deprivation in an area of a city. As part of their enquiry they used the following secondary data (**Figure 6**).

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]



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 _____

2 _____



0	5	.	1
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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 _____

Question 5 continues on the next page

Turn over ►



Write the title of your **human** geography fieldwork enquiry.

Title of human fieldwork enquiry _____

0 5 . 2

Justify the use of **one** of the following in your human geography enquiry:

- maps
- photographs
- field sketches.

[3 marks]



Title of physical fieldwork enquiry _____

[6 marks]

[illegible]

Extra space _____

Turn over ►



For **one** of your fieldwork enquiries, to what extent did your results and conclusions meet the original aim of your enquiry?

Title of fieldwork enquiry _____



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END OF QUESTIONS



There are no questions printed on this page

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outside the
box*

**DO NOT WRITE ON THIS PAGE
ANSWER IN THE SPACES PROVIDED**

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