A

AQA

Surname _____

Other Names _____

Centre Number _____

Candidate Number _____

Candidate Signature _____

For Examiner's Use

AS
GEOGRAPHY

7036/2

Paper 2 Human Geography and Geography Fieldwork Investigation

Tuesday 21 May 2019 Morning

Time allowed: 1 hour 30 minutes

For this paper you must have:
- **the colour insert (enclosed)**
- **a pencil**
- **a rubber**
- **a ruler.**

You may use a calculator.

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

[Turn over]

JUN197036201

BLANK PAGE

INSTRUCTIONS

- Use black ink or black ball-point pen.
- Answer ALL questions in Section A.
- Answer Question 2 in Section B.
- Answer EITHER Question 3 OR Question 4 in Section B.
- 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 80.

DO NOT TURN OVER UNTIL TOLD TO DO SO

For the multiple-choice questions, completely fill in the circle alongside the appropriate 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

Answer ALL questions in this section.

QUESTION 1 – Changing places

0 1 . 1 **Which ONE of the following is an example of where place-meaning has been influenced by a local community group? [1 mark]**

- ⬭ **A** **The tourist brochure highlighted the natural features of the surrounding landscape to promote this area to visitors from overseas.**
- ⬭ **B** **Residents had launched an initiative to persuade more local residents to cycle to work in order to reduce air pollution and traffic congestion.**
- ⬭ **C** **The city became well known for an iconic high-rise building that was funded with regeneration money as part of a rebranding initiative.**
- ⬭ **D** **The town has been featured in the news because of an initiative started by a group of residents to make it the most sustainable town in the UK.**

0 1 . 2 **The following statements are all taken from tourist brochures.**

Which statement highlights the regional connections of a place in Britain? [1 mark]

- ⬭ **A** **The city has an arts festival each year which is funded by the council and grants from the National Lottery.**
- ⬭ **B** **The city has a large sports facility where people travel from across the North West to use the facilities.**
- ⬭ **C** **The city is renowned for its culture and heritage, and attracts visitors from across the world at all times of the year.**
- ⬭ **D** **The city hosts a variety of music events which are free to residents and well attended by them.**

0 1 . 3 **Outline how physical geography can influence place character. [3 marks]**

FIGURE 1A on page 2 of the insert, shows the change in population in Kingston upon Hull, a city in the Yorkshire and Humber region, from 1801 to 2011.

FIGURE 1B on page 3 of the insert, shows the percentage of the population in Kingston upon Hull employed in different sectors of the economy.

0 1 . 4 **Using FIGURE 1A and FIGURE 1B, analyse economic and demographic changes in Kingston upon Hull. [6 marks]**

0 1 . 5 **For a distant place you have studied, assess the extent to which lived experience inevitably leads to an 'insider' perspective of this place. [9 marks]**

0 1 . 6 **'External agencies always focus on endogenous place characteristics when attempting to create specific place-meaning.'**

Assess the extent to which you agree with this view. [20 marks]

40

[Turn over]

SECTION B

Geography fieldwork investigation and geographical skills

Answer Question 2 and EITHER Question 3 OR Question 4.

QUESTION 2

0 2 . 1 **Outline ONE reason why drawing an annotated field sketch of a survey site would be useful when carrying out fieldwork. [2 marks]**

0 2 . 2 **Using FIGURE 2 on page 4 of the insert, suggest possible opportunities for PHYSICAL geography fieldwork within the area shown in the photograph. [4 marks]**

[Turn over]

0 2 . 3 **Using FIGURE 2, outline ONE reason why an Ordnance Survey (OS) map of this area would be useful for planning a physical geography fieldwork investigation.**
[2 marks]

You have experienced geography fieldwork as part of your course. Use that experience to answer the following questions.

State the aim of your fieldwork investigation.

0 2 . 4 **In your investigation, to what extent did presenting data using maps help with the analysis of the data collected? [6 marks]**

0 2 . 5 **How far did the review of your investigation enable you to identify areas for further development? [9 marks]**

23

[End of Question 2] [Turn over]

Answer EITHER Question 3 OR Question 4.

QUESTION 3 – (If you answer this question, do not answer Question 4)

0 3 A student was planning a fieldwork investigation into noise pollution levels in a small town.

FIGURE 3 on page 6 of the insert, outlines the background to this investigation.

The student used an OS map of the local town to devise a sketch map showing dominant land use in each area of the town. These are the numbered areas shown on FIGURE 4, on page 7 of the insert.

In each of these six areas she used grid references to randomly sample five locations. FIGURE 4 shows the land use map and the sampling points.

She then plotted these locations onto a map using GIS. She put the grid references of her sampling points into her smartphone to locate them in the field and accurately record the data.

0 3 . 1 **Using FIGURE 4, outline the benefits of this sampling strategy. [2 marks]**

_____

_____

_____

_____

_____

_____

FIGURE 5 below, outlines how the student carried out the investigation.

FIGURE 5

At each sampling point, the student used her smartphone to record the noise levels (in decibels). The noise levels were recorded three times a day for three consecutive days. The mean noise level was then calculated. She recorded and uploaded this data onto the GIS map.
In a notebook she recorded general sampling point properties such as traffic levels and number of people in the area.

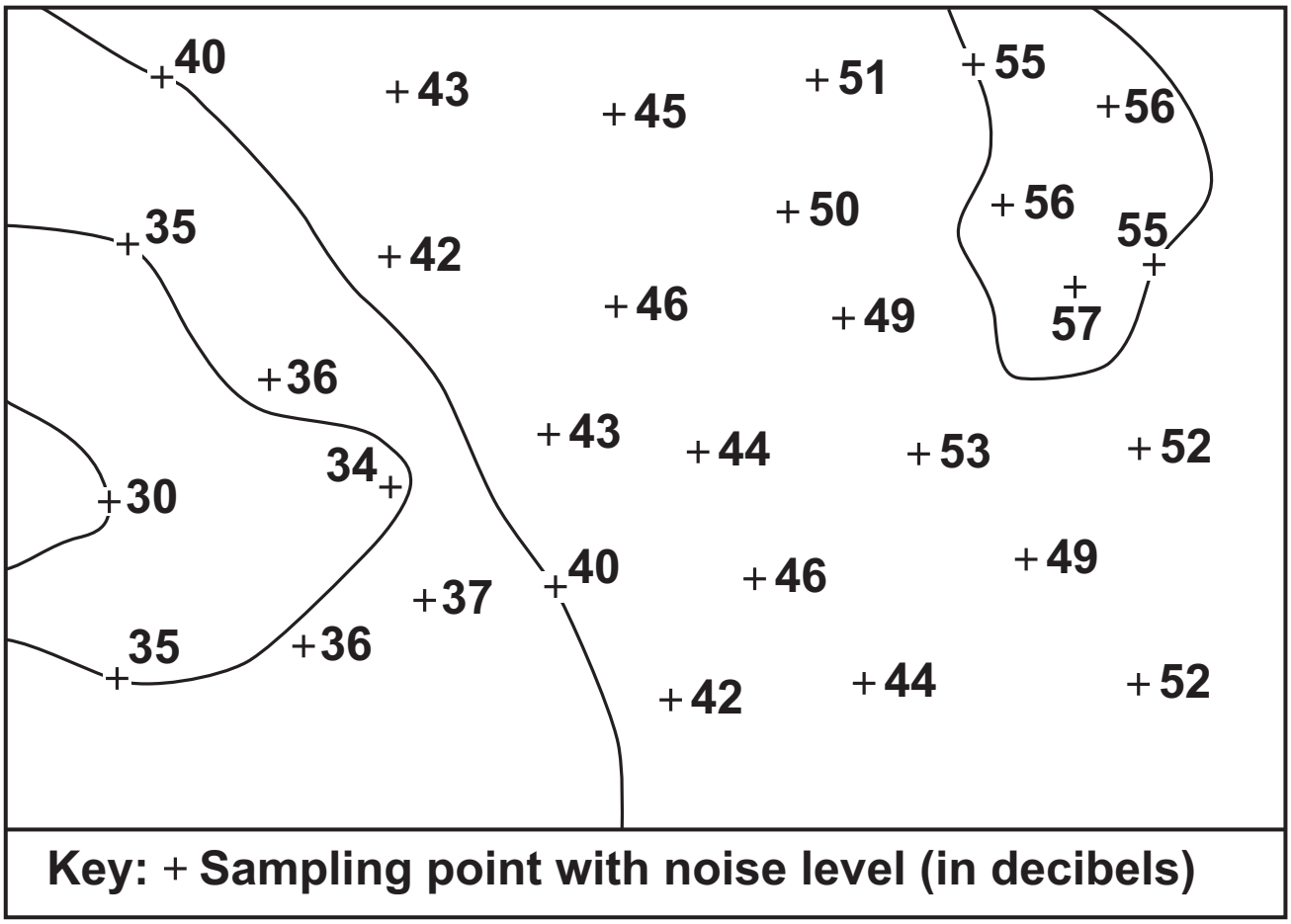
In the review of her fieldwork investigation, the student felt confident that her data collection methods had been appropriate and reliable and would require no further development to test this hypothesis, but further development would be needed to meet the wider aims and objectives of the enquiry.

[Turn over]

0 3 . 2 **The student decided to present the data using the isoline map shown in FIGURE 6, below.**

Complete FIGURE 6 by adding the 45 and 50 decibel isolines. [2 marks]

FIGURE 6



0 3 . 3 **Using the completed FIGURE 6, assess the usefulness of using an isoline map to analyse this data. [4 marks]**

[Turn over]

0 3 . 4 **In her review, the student stated that her investigation had enabled her hypothesis to be reliably tested. Using FIGURES 3, 4, 5 and 6, to what extent do you agree?**
[9 marks]

17

[End of Question 3]

If you have answered Question 3 do not answer Question 4

[Turn over]

QUESTION 4 – (If you answer this question, do not answer Question 3)

0 4 A student was planning a fieldwork investigation into interception rates in a small drainage basin.

FIGURE 7 on page 8 of the insert, outlines the background to this investigation.

The student used an OS map of the drainage basin to devise a sketch map showing dominant land use in each area of the drainage basin. These are the numbered areas shown in FIGURE 8, on page 9 of the insert.

In each of these six areas he used grid references to randomly sample five locations. FIGURE 8 shows the land use map and the sampling points.

He then plotted these locations onto a map using GIS. He put the grid references of his sampling points into his smartphone to locate them in the field and accurately record the data.

0 4 . 1 **Using FIGURE 8, outline the benefits of this sampling strategy. [2 marks]**

_____

_____

_____

_____

_____

_____

[Turn over]

FIGURE 9 below, outlines how the student carried out the investigation.

FIGURE 9

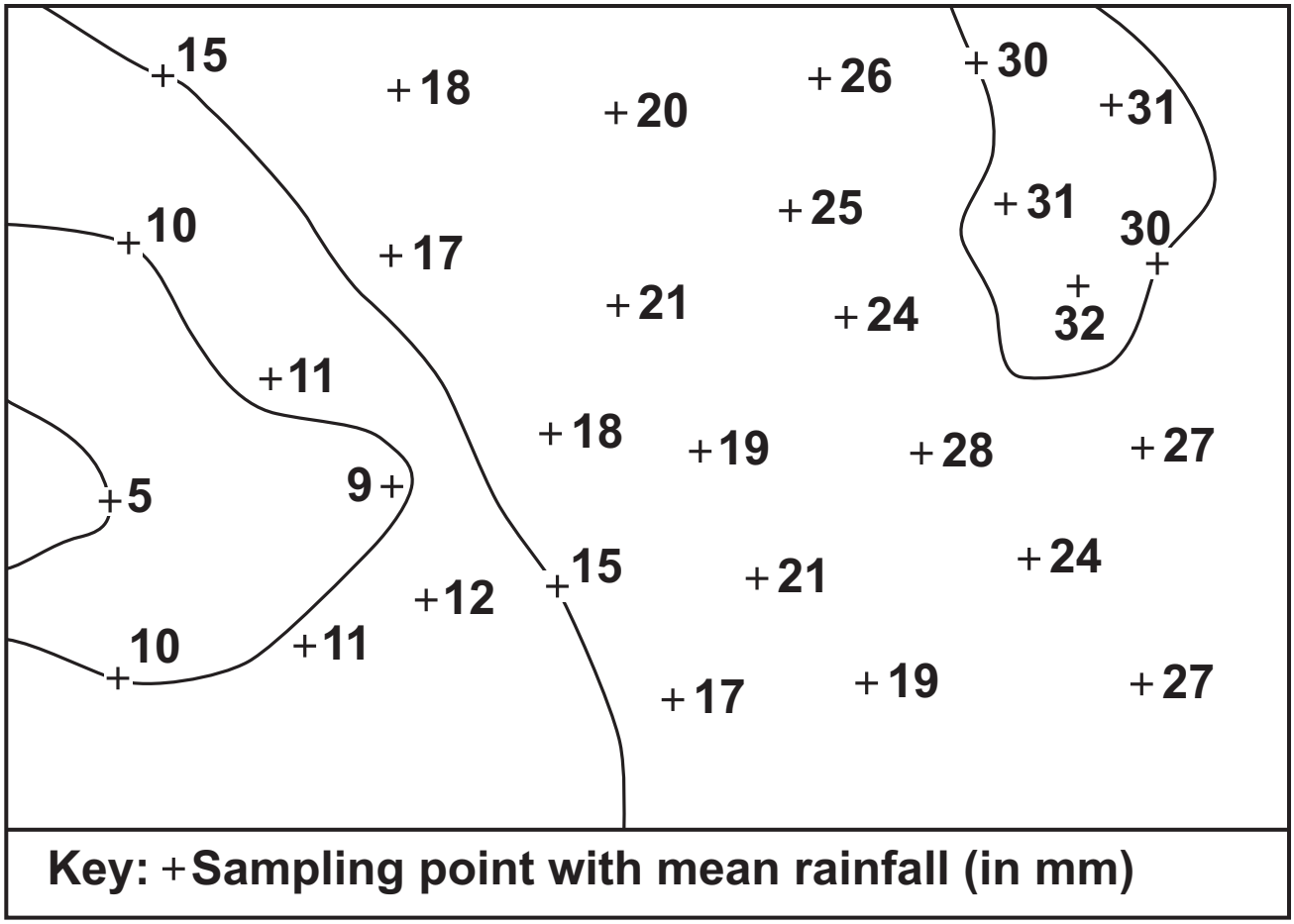
At each sampling point, the student dug a hole and buried a rain gauge so that about 5 cm was sticking out of the ground. He left the rain gauge in place when rain was forecast. He measured the amount of rain in each gauge each day for three consecutive days. The mean rainfall was then calculated. He recorded and uploaded this data onto the GIS map. He also recorded weather conditions using a secondary data source. In a notebook he recorded general sampling point properties such as local gradient and topography.

In the review of his fieldwork investigation, the student felt confident that his data collection methods had been appropriate and reliable and would require no further development in order to test the hypothesis, but further development would be needed to meet the wider aims and objectives of the enquiry.

0 4 . 2 **The student decided to present the data using the isoline map shown in FIGURE 10, below.**

Complete FIGURE 10 by adding the 20 and 25 millimetre isolines. [2 marks]

FIGURE 10



[Turn over]

0 4 . 3 **Using the completed FIGURE 10, assess the usefulness of using an isoline map to analyse this data. [4 marks]**

0 4 . 4 **In his review, the student stated that his investigation had enabled his hypothesis to be reliably tested. Using FIGURES 7, 8, 9 and 10, to what extent do you agree?**
[9 marks]

17

END OF QUESTIONS

BLANK PAGE

BLANK PAGE

For Examiner's Use	
Section	Mark
A	
B	
TOTAL	

Copyright information

For confidentiality purposes, from the November 2015 examination series, acknowledgements of third-party copyright material are published in a separate booklet rather than including them on the examination paper or support materials. This booklet is published after each examination series and is available for free download from www.aqa.org.uk after the live examination series.

Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders may have been unsuccessful and AQA will be happy to rectify any omissions of acknowledgements. If you have any queries please contact the Copyright Team, AQA, Stag Hill House, Guildford, GU2 7XJ.

Copyright © 2019 AQA and its licensors. All rights reserved.