



GCSE – NEW

3110U30-1



**GEOGRAPHY A
UNIT 3**

AUTUMN 2017 (1st November – 31st December)

FIELDWORK ENQUIRY

Unit 3 has two sections: Section A and Section B.

It is recommended that you spend:

1 hour on Section A

1 hour 30 minutes on Section B.

**You will be allowed a maximum of 2 hours and 30 minutes
to answer these questions**

ADDITIONAL MATERIALS

Your answers should be completed in the separate answer booklet which also includes graph paper and plain paper. Alternatively, you may word process your answers.

You may also require a calculator, ruler, protractor, and coloured pencils.

INSTRUCTIONS TO CANDIDATES

Use black ink or black ball-point pen.

Write your name, centre number and candidate number in the spaces at the top of the front page of the answer booklet.

Answer **all** questions.

Start each answer with the number of the question.

INFORMATION FOR CANDIDATES

You are about to write a report on your fieldwork. Your report will be structured around the questions which you will see when you turn this page over.

You must work independently. You may complete your report in hand-written form or by using ICT.

You will have access to your fieldwork portfolio while you are writing your report. Where you are asked to include information from your portfolio, ensure that your name, candidate number and examination centre number are written on each sheet of paper.

Your ability to communicate and organise your ideas will be assessed in all questions that are worth 6, 8 or 10 marks. Your ability to write accurately will be assessed in question 2(c).

The number of marks is given in brackets [] at the end of each question or part-question.

The Assessment Objective (AO) is given next to the mark for each question.

AO1.2 assesses understanding

AO2 assesses application of knowledge and understanding

AO3 assesses skills

Section A

Answer all of the questions.

It is recommended that you spend 1 hour on Section A.

1. This question is about **your fieldwork** which investigated **geographical flows**.

(a) Flows can be measured in different places or at different times in the same place.

Explain why you need to take measurements of flows more than once. [4] (AO1.2)

(b) There are four main sampling techniques that are used when collecting data.

- Random
- Stratified
- Systematic
- Opportunistic

Use this list to name **one** sampling technique that you used in your investigation.

Identify the strengths and weaknesses of your sampling technique for measuring flows. [6] (AO2)

(c) Evaluate the use of secondary data when investigating geographical flows. [6] (AO2)

Section B

Answer all of the questions.

It is recommended that you spend 1 hour 30 minutes on Section B.

2. This question is about **your fieldwork** which investigated the **concept of cycles and flows**.

(a) Represent fieldwork data using one graphical technique. You need to:

- Select the data from your portfolio.
- Draw a table in your answer booklet to show the data.
- Draw one graph or map of your choice to represent the information in your table accurately.
- Describe the trend or pattern shown by your graph or map. [10] (AO3)

(b) In addition to the graph or map you have drawn you will have used other ways to present fieldwork data in your portfolio.

Evaluate the techniques you used in your portfolio to present data on the concept of cycles and flows.

Select up to 3 different tables, graphs or maps from your fieldwork portfolio to support your answer and include them in an Appendix. [8] (AO2)

(c) What do the conclusions from your portfolio tell you about how and why cycles and flows change over time or how they change from one place to another?

Use examples of primary and secondary evidence to support your answer.

[6+4] (AO1.2 + writing accurately)